

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122898.D
 Acq On : 31 Dec 2020 16:17
 Operator : JU/CG
 Sample : L5244-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122898.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	587	rVB	1767795	1898444	67.32%	3.713%
2	6.457	739	743	755	rBV	2018604	2030036	71.98%	3.971%
3	6.651	772	776	783	rBV3	271862	342997	12.16%	0.671%
4	6.816	801	804	811	rVB	845331	846988	30.03%	1.657%
5	6.963	827	829	833	rBV2	103642	101059	3.58%	0.198%
6	7.098	848	852	854	rVB2	190868	183317	6.50%	0.359%
7	7.140	854	859	861	rBV2	143600	198547	7.04%	0.388%
8	7.157	861	862	866	rVB2	140810	113188	4.01%	0.221%
9	7.210	867	871	874	rBV2	221458	224022	7.94%	0.438%
10	7.357	891	896	898	rBV2	214806	263111	9.33%	0.515%
11	7.387	898	901	904	rVV	1314470	1185668	42.04%	2.319%
12	7.422	904	907	910	rVB	1119349	900969	31.95%	1.762%
13	7.469	910	915	918	rVB5	185770	256118	9.08%	0.501%
14	7.510	918	922	923	rBV3	103820	127568	4.52%	0.250%
15	7.534	923	926	930	rVB2	123370	128446	4.55%	0.251%
16	7.622	939	941	945	rVB2	232487	250829	8.89%	0.491%
17	7.710	952	956	957	rBV2	104276	112363	3.98%	0.220%
18	7.728	957	959	961	rVV2	120822	100896	3.58%	0.197%
19	7.745	961	962	966	rVB4	101843	119380	4.23%	0.234%
20	7.792	966	970	972	rVB3	246127	286956	10.18%	0.561%
21	7.822	972	975	977	rBV3	285627	253682	9.00%	0.496%
22	7.857	977	981	986	rVB4	363193	600072	21.28%	1.174%
23	7.904	986	989	990	rBV	215931	182818	6.48%	0.358%
24	7.945	994	996	999	rVB	220312	164308	5.83%	0.321%
25	7.975	999	1001	1005	rBV2	136115	160443	5.69%	0.314%
26	8.063	1010	1016	1018	rBV4	158788	296086	10.50%	0.579%
27	8.092	1018	1021	1023	rVV	1968679	1997585	70.83%	3.907%
28	8.134	1026	1028	1030	rVV2	113220	101388	3.60%	0.198%
29	8.169	1030	1034	1037	rVB	668568	659125	23.37%	1.289%
30	8.198	1037	1039	1041	rBV	213530	173617	6.16%	0.340%
31	8.222	1041	1043	1046	rVB3	100553	97804	3.47%	0.191%
32	8.263	1046	1050	1052	rBV4	133572	169597	6.01%	0.332%
33	8.304	1055	1057	1061	rVB2	234003	250405	8.88%	0.490%
34	8.351	1061	1065	1068	rBV4	102448	156714	5.56%	0.307%
35	8.398	1068	1073	1080	rVB6	419267	654086	23.19%	1.279%
36	8.451	1080	1082	1085	rBV2	282636	257676	9.14%	0.504%

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Instrument :
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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.486	1085	1088	1092	rVB3	425183	401401	14.23%	0.785%
38	8.528	1092	1095	1098	rBV	735799	754363	26.75%	1.476%
39	8.575	1101	1103	1105	rVB2	173035	134146	4.76%	0.262%
40	8.610	1106	1109	1112	rBV2	441640	383764	13.61%	0.751%
41	8.651	1112	1116	1118	rBV5	137231	164276	5.83%	0.321%
42	8.704	1121	1125	1128	rBV	2055468	1817245	64.44%	3.555%
43	8.769	1133	1136	1138	rVB2	248318	218177	7.74%	0.427%
44	8.798	1138	1141	1144	rVB3	338285	322589	11.44%	0.631%
45	8.898	1153	1158	1159	rBV3	92456	139672	4.95%	0.273%
46	8.934	1161	1164	1166	rVB2	334988	270974	9.61%	0.530%
47	8.986	1170	1173	1174	rBV2	184204	164359	5.83%	0.321%
48	9.063	1182	1186	1190	rVB3	327264	450077	15.96%	0.880%
49	9.104	1190	1193	1195	rVV	284279	226610	8.04%	0.443%
50	9.133	1195	1198	1203	rVV2	643306	691185	24.51%	1.352%
51	9.186	1203	1207	1210	rVV	2798020	2336348	82.84%	4.570%
52	9.269	1217	1221	1225	rVV	1760774	1689732	59.92%	3.305%
53	9.310	1225	1228	1230	rVV4	164667	234985	8.33%	0.460%
54	9.339	1230	1233	1235	rVV2	275502	295667	10.48%	0.578%
55	9.457	1251	1253	1255	rVB3	143232	112104	3.98%	0.219%
56	9.504	1257	1261	1262	rVV3	103093	130301	4.62%	0.255%
57	9.522	1262	1264	1266	rVV	269947	260342	9.23%	0.509%
58	9.545	1266	1268	1271	rVV2	244430	233632	8.28%	0.457%
59	9.586	1271	1275	1277	rVV4	690823	856688	30.38%	1.676%
60	9.610	1277	1279	1282	rVV2	276999	254356	9.02%	0.498%
61	9.645	1282	1285	1288	rVB2	258992	190531	6.76%	0.373%
62	9.733	1297	1300	1303	rBV4	69743	93858	3.33%	0.184%
63	9.798	1308	1311	1315	rVB	1102238	891350	31.61%	1.743%
64	9.839	1315	1318	1319	rBV3	123737	134816	4.78%	0.264%
65	9.869	1319	1323	1326	rVB	1250642	1163414	41.25%	2.276%
66	9.969	1338	1340	1345	rVB6	88906	103581	3.67%	0.203%
67	10.028	1347	1350	1353	rVV2	113980	176662	6.26%	0.346%
68	10.057	1353	1355	1358	rVV4	116086	169632	6.01%	0.332%
69	10.116	1362	1365	1369	rVV3	179509	248361	8.81%	0.486%
70	10.186	1374	1377	1380	rBV4	71398	104313	3.70%	0.204%
71	10.298	1393	1396	1398	rVB	545346	454976	16.13%	0.890%
72	10.516	1428	1433	1439	rVB	138312	194991	6.91%	0.381%
73	10.657	1454	1457	1461	rVB	1614231	1415179	50.18%	2.768%
74	10.769	1473	1476	1485	rVB	334186	410146	14.54%	0.802%
75	11.216	1549	1552	1555	rBV	165163	144014	5.11%	0.282%
76	11.251	1555	1558	1564	rVB2	87441	103587	3.67%	0.203%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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77	11.357	1572	1576	1578	rBV	1343669	1144681	40.59%	2.239%
78	11.380	1578	1580	1583	rVV	232092	205197	7.28%	0.401%
79	11.886	1662	1666	1673	rVB	445372	436818	15.49%	0.854%
80	12.051	1691	1694	1699	rVB	132980	131489	4.66%	0.257%
81	12.445	1758	1761	1764	rVB	113434	106057	3.76%	0.207%
82	12.516	1769	1773	1780	rVB3	104057	180877	6.41%	0.354%
83	12.574	1780	1783	1785	rBV	207781	215879	7.65%	0.422%
84	12.674	1796	1800	1806	rBV	157930	198563	7.04%	0.388%
85	12.804	1817	1822	1829	rBV2	190370	316460	11.22%	0.619%
86	12.945	1841	1846	1849	rBV	2791945	2820161	100.00%	5.516%
87	13.174	1882	1885	1888	rBV2	120703	123790	4.39%	0.242%
88	13.863	1997	2002	2009	rVB3	259541	553186	19.62%	1.082%
89	14.010	2023	2027	2030	rBV	986339	1003276	35.58%	1.962%
90	14.163	2051	2053	2058	rVB2	143843	138630	4.92%	0.271%
91	14.474	2103	2106	2108	rBV	265813	249040	8.83%	0.487%
92	14.504	2108	2111	2117	rVB4	118197	223417	7.92%	0.437%
93	14.780	2155	2158	2161	rVB	181097	165055	5.85%	0.323%
94	14.857	2168	2171	2174	rVB	175070	186346	6.61%	0.364%
95	15.121	2212	2216	2220	rVB	915007	1082871	38.40%	2.118%
96	15.486	2274	2278	2286	rVB3	878307	1243536	44.09%	2.432%
97	15.933	2349	2354	2360	rVB	851480	1229376	43.59%	2.405%
98	17.556	2623	2630	2645	rVB5	752208	2557525	90.69%	5.003%
99	18.009	2700	2707	2715	rBV3	522063	1653100	58.62%	3.233%
100	18.362	2760	2767	2768	rBV4	262977	570353	20.22%	1.116%

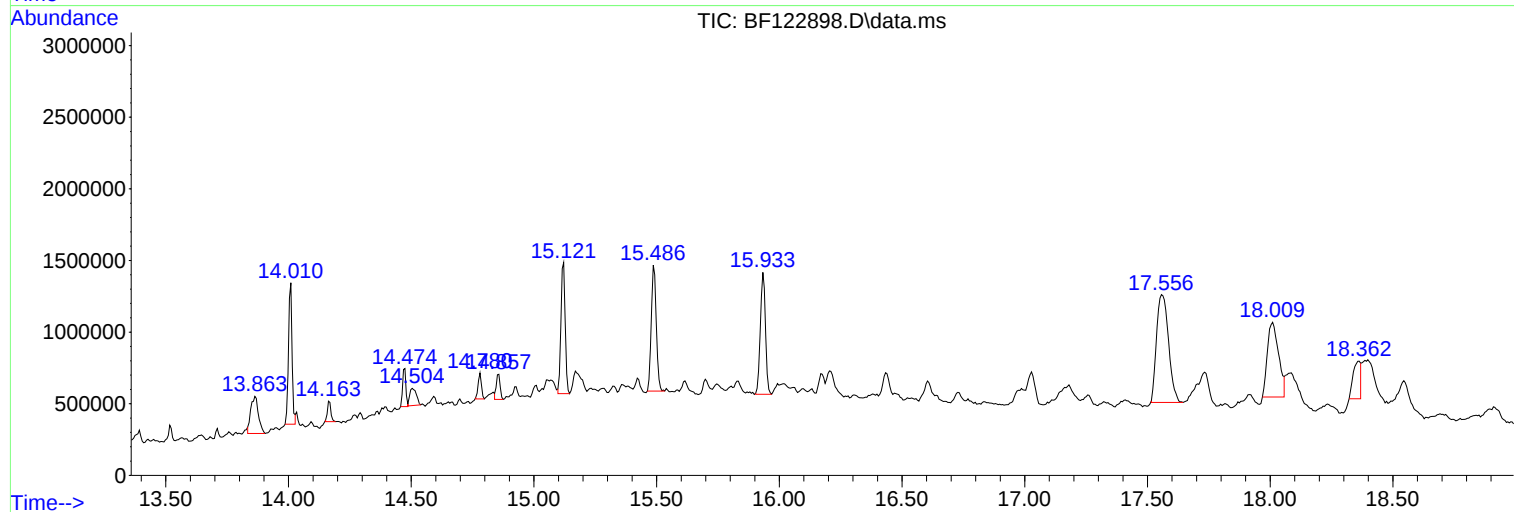
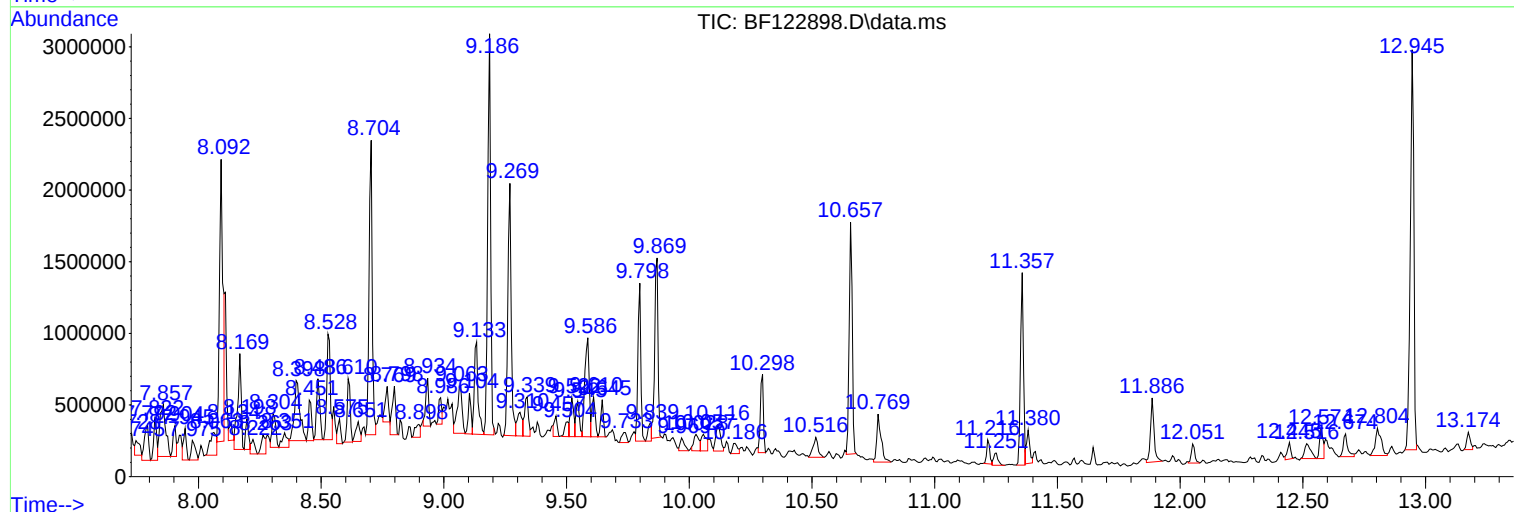
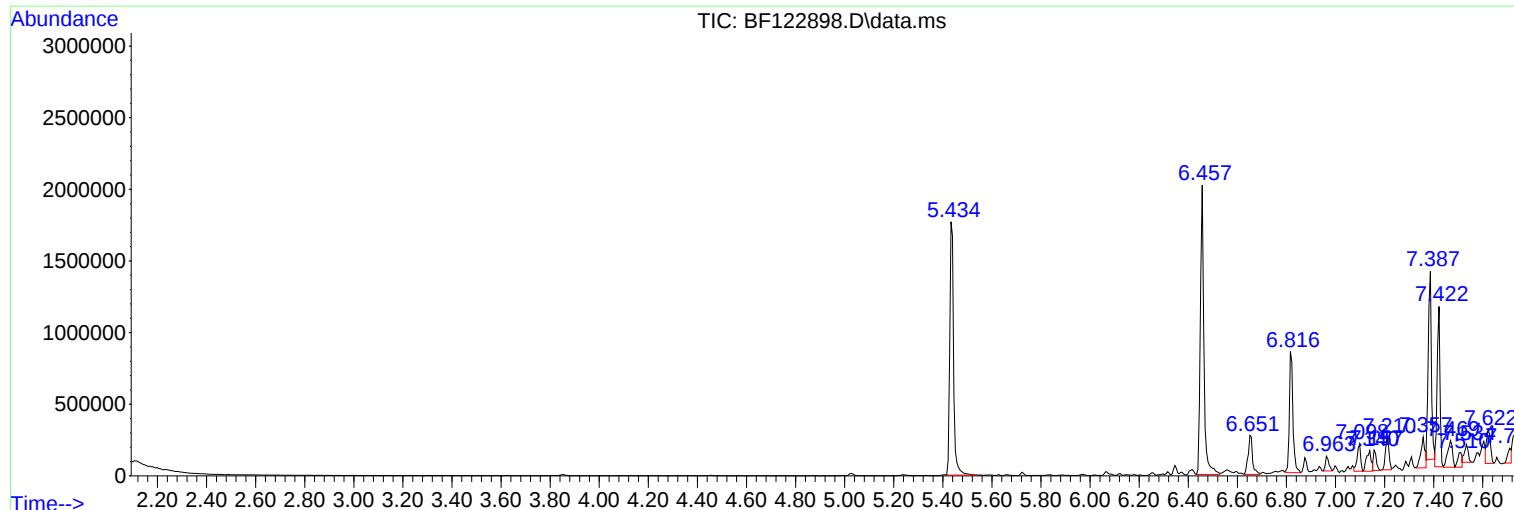
Sum of corrected areas: 51124395

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Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : L5244-01
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Instrument :
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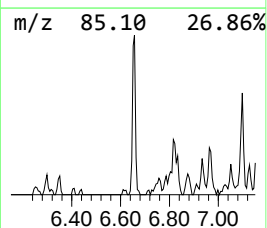
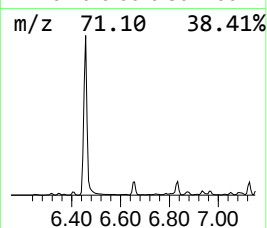
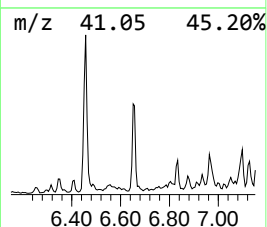
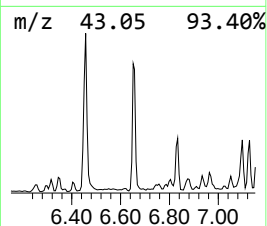
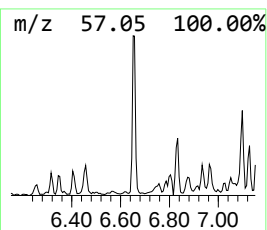
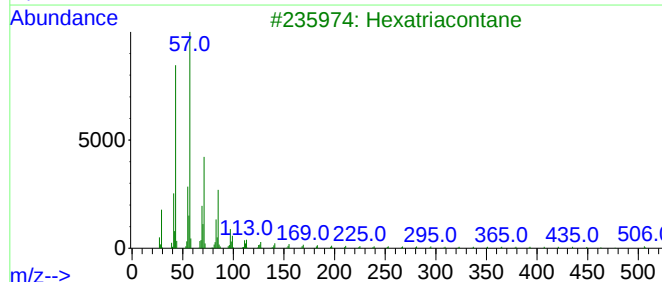
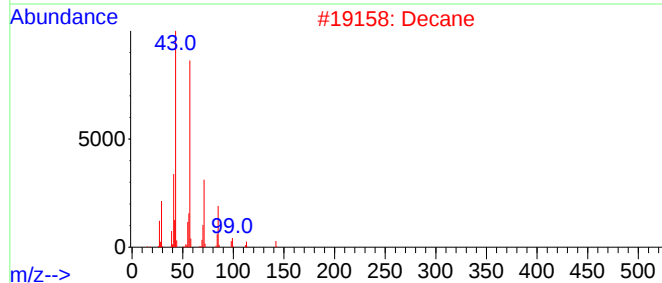
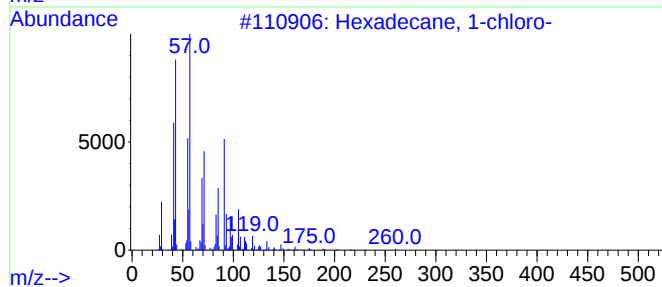
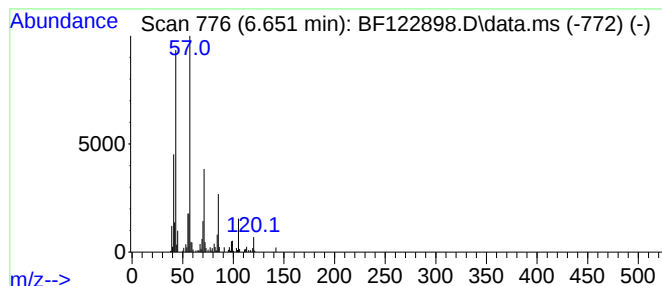
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	8.10 ng	342997	1,4-Dichlorobenzene-d4	6.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	78
2			Decane	142	C10H22	000124-18-5	72
3			Hexatriacontane	507	C36H74	000630-06-8	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Tetradecane	198	C14H30	000629-59-4	59



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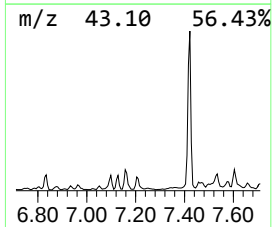
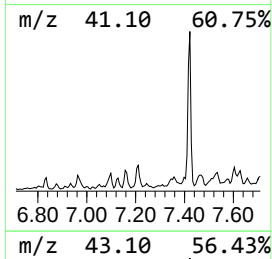
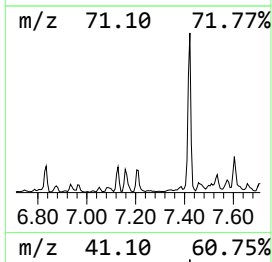
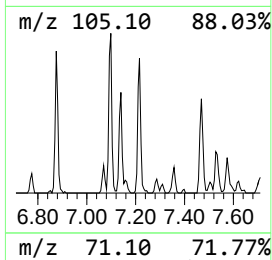
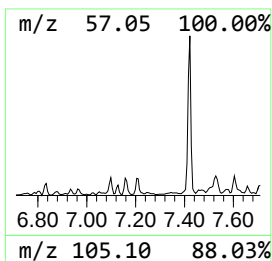
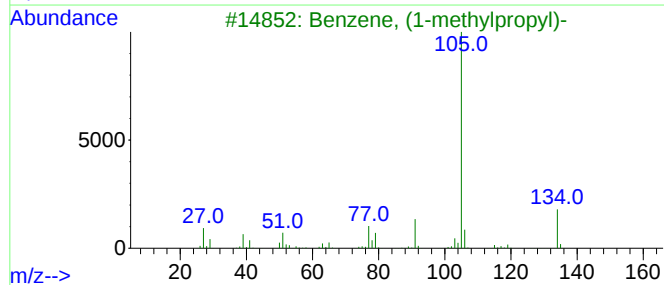
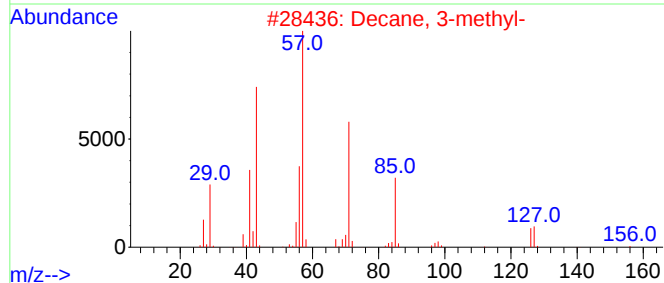
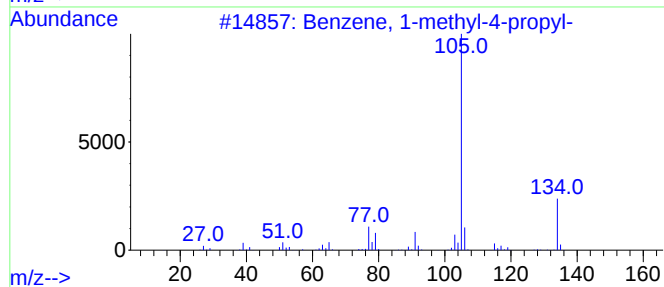
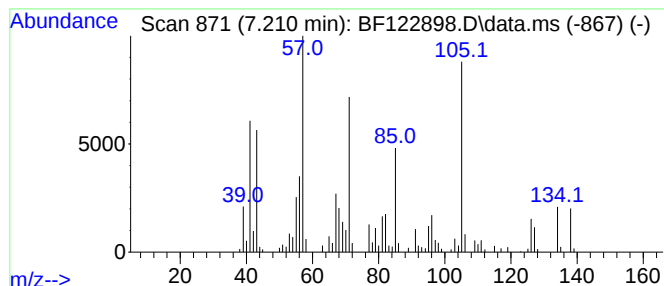
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	5.29 ng	224022	1,4-Dichlorobenzene-d4	6.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2			Decane, 3-methyl-	156	C11H24	013151-34-3	38
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
5			2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	18



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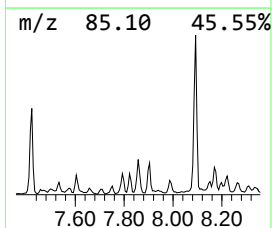
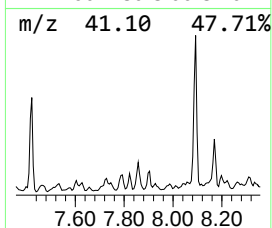
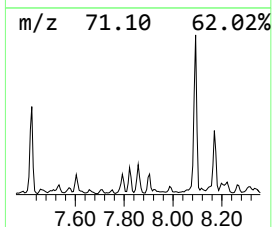
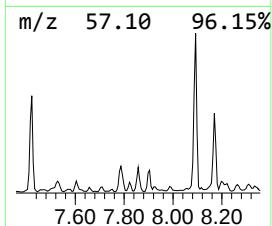
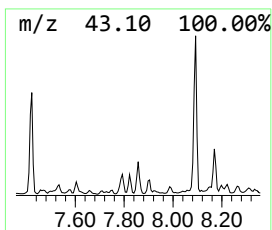
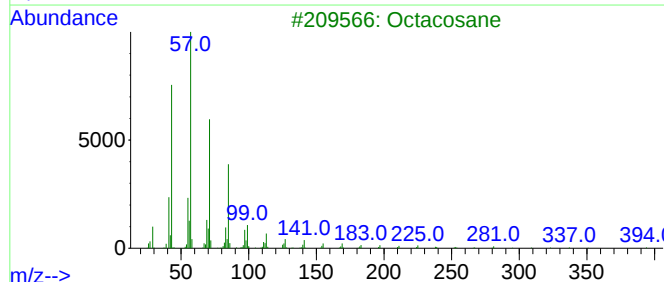
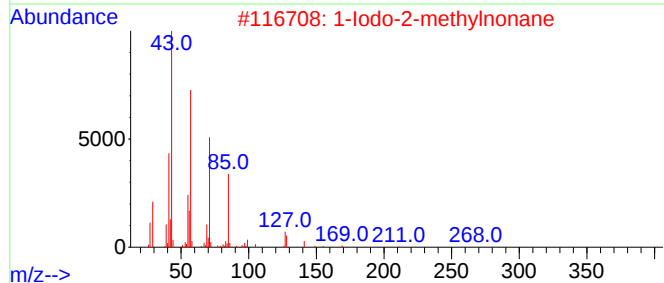
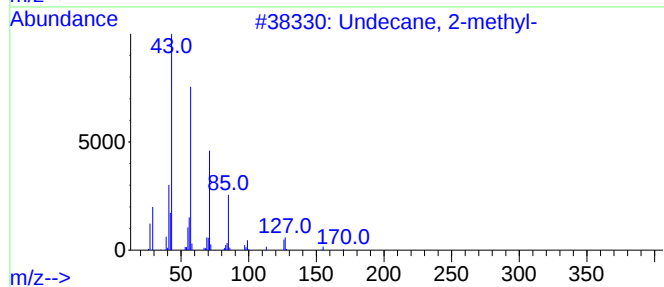
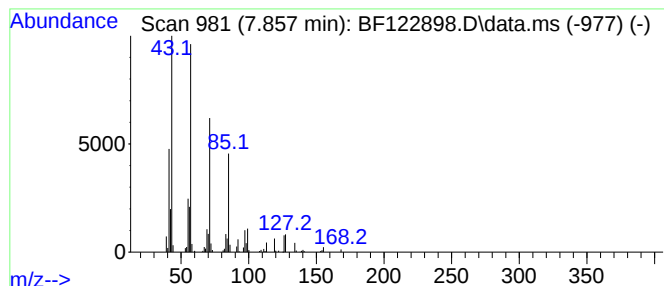
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	6.01 ng	600072	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	83
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3			Octacosane	394	C28H58	000630-02-4	64
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

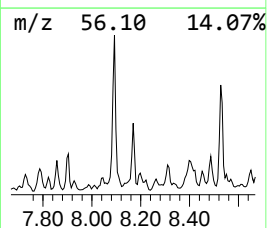
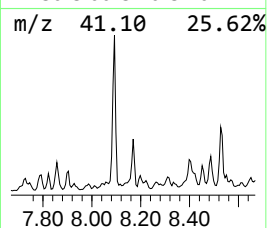
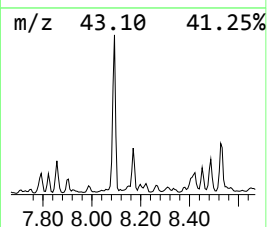
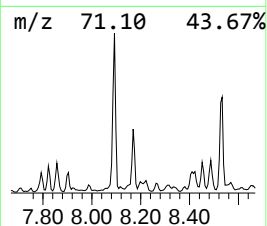
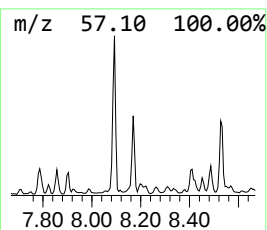
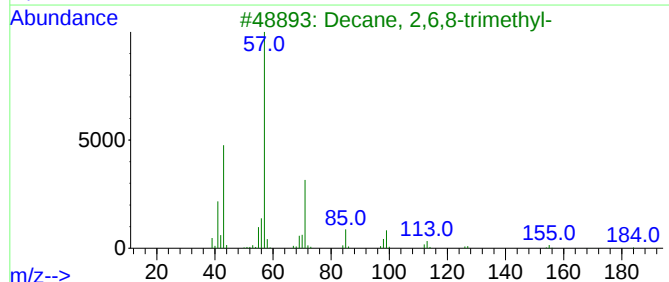
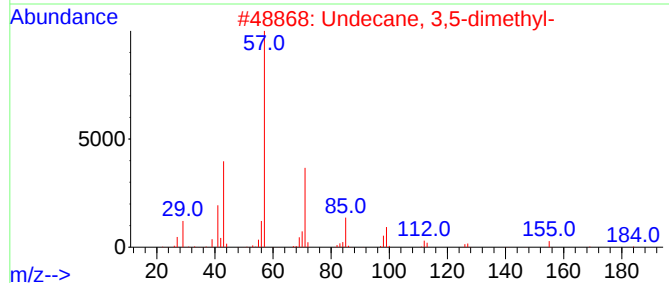
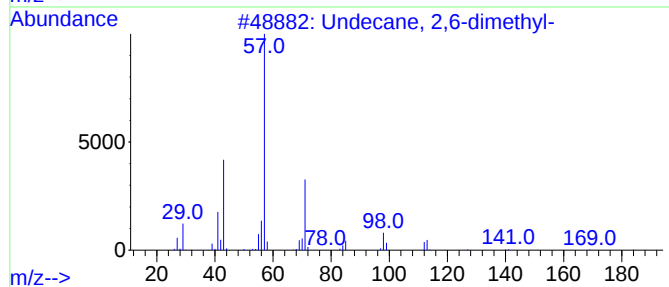
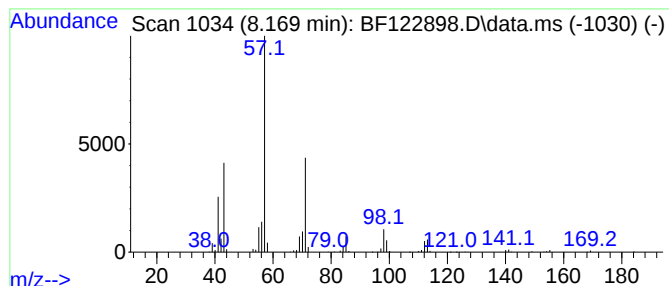
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.169	6.60 ng	659125	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-123020

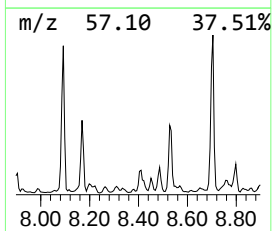
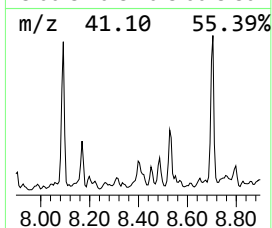
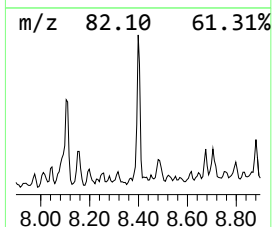
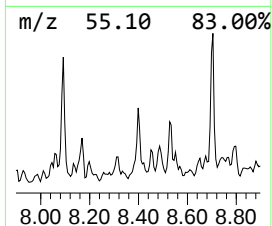
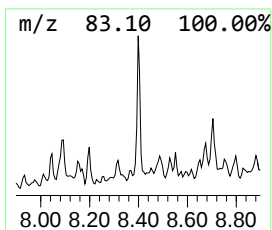
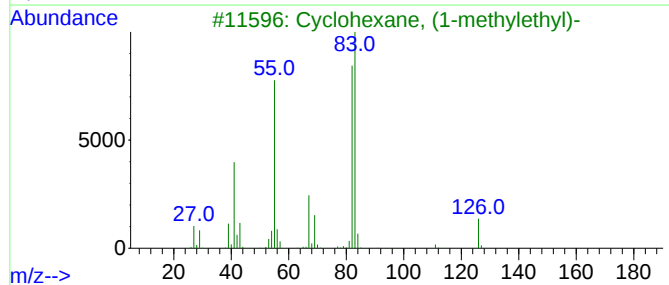
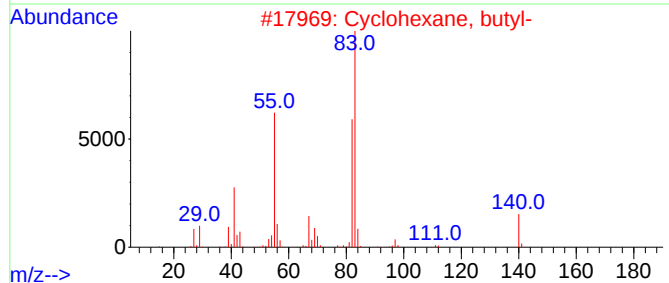
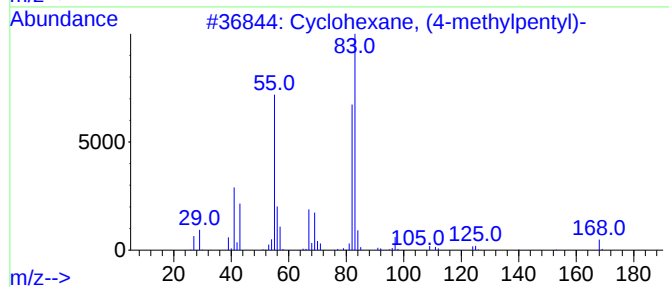
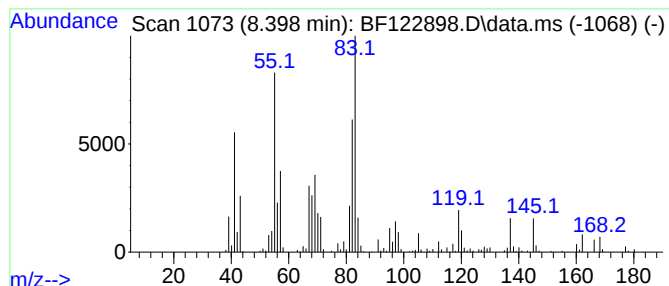
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	6.55 ng	654086	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	50
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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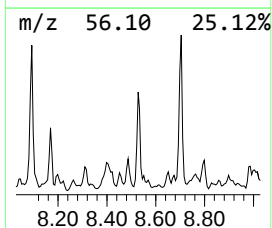
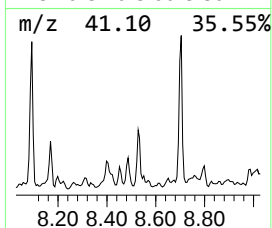
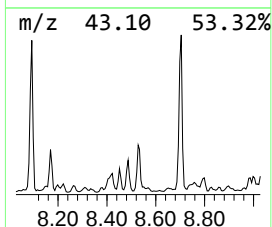
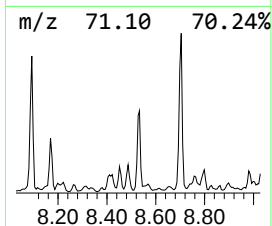
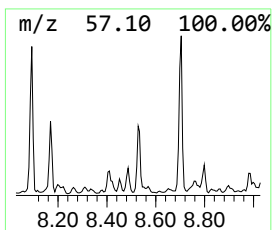
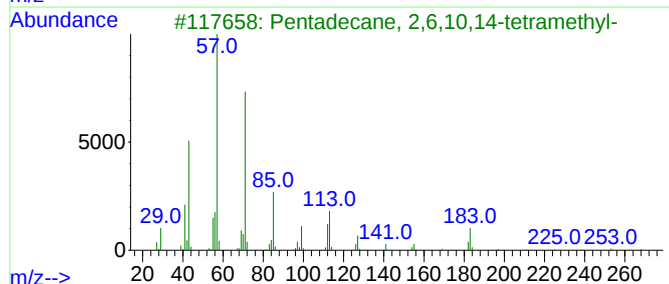
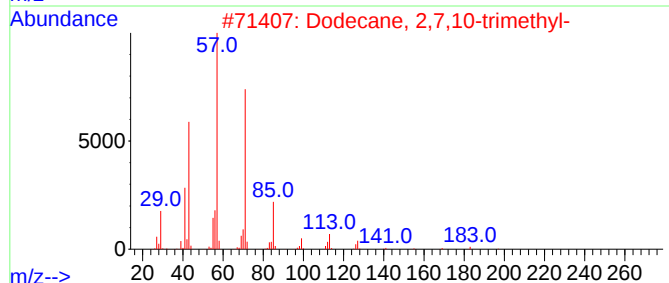
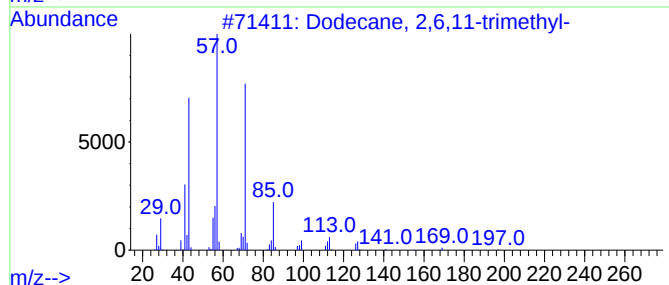
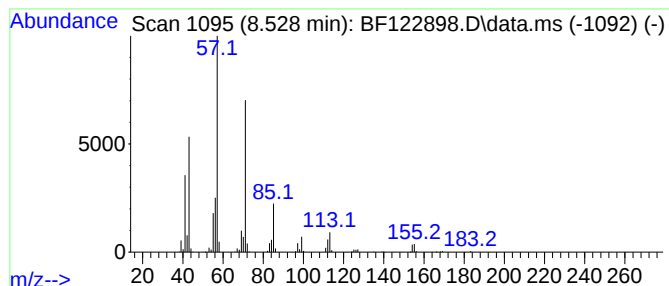
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	7.55 ng	754363	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
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ClientSampleId :
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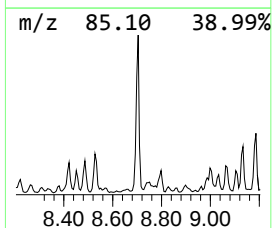
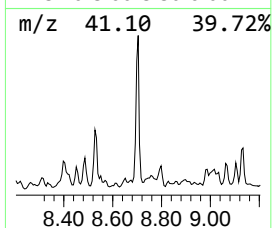
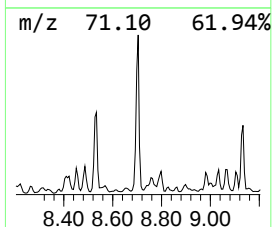
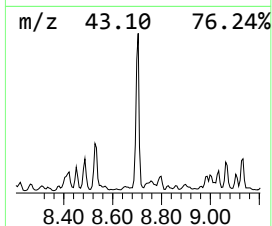
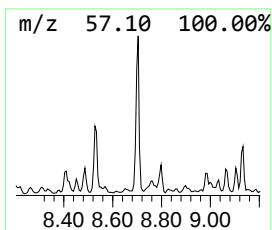
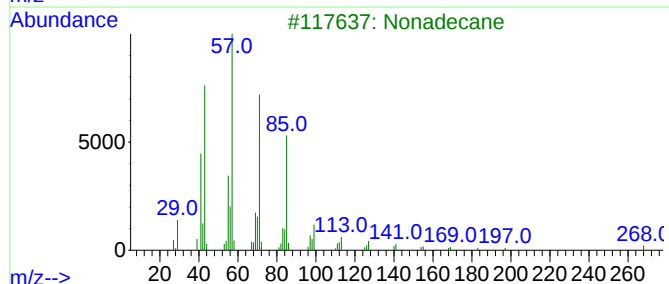
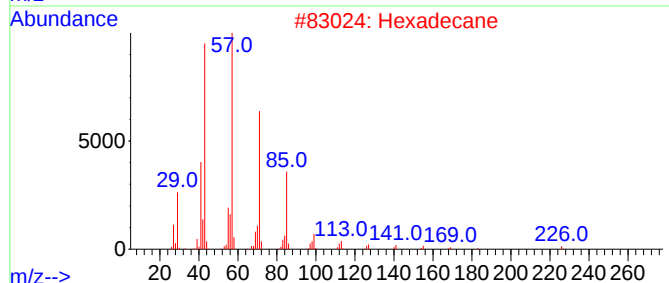
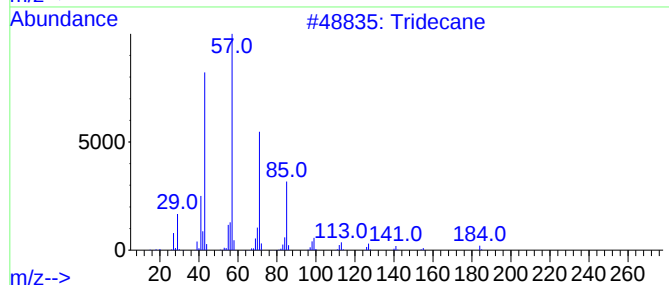
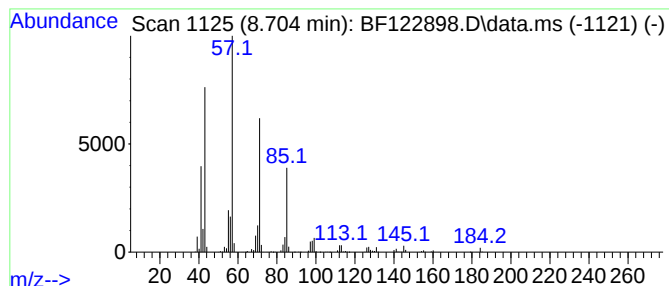
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	18.19 ng	1817250	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
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Misc :
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Instrument :
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ClientSampleId :
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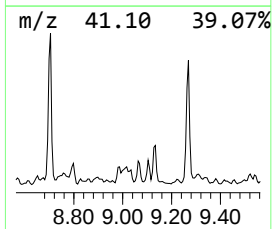
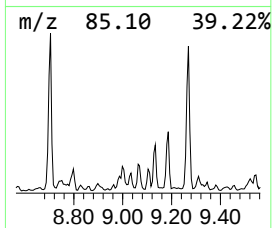
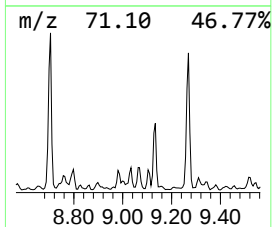
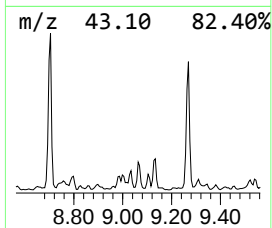
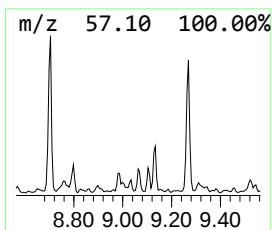
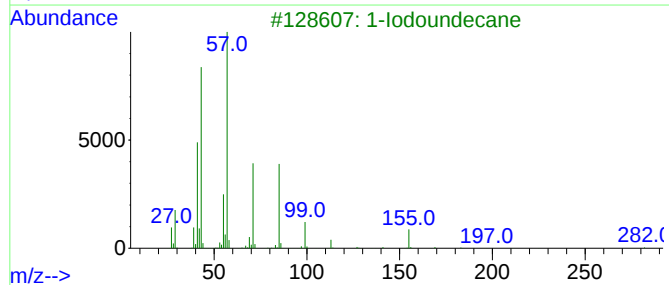
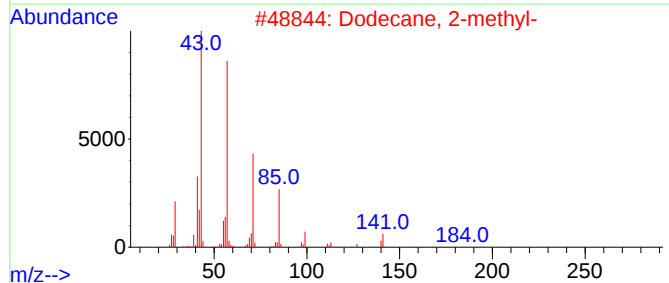
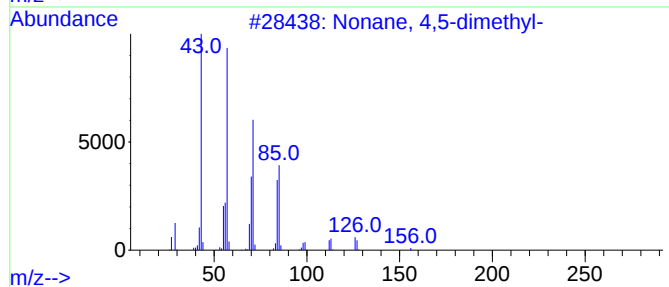
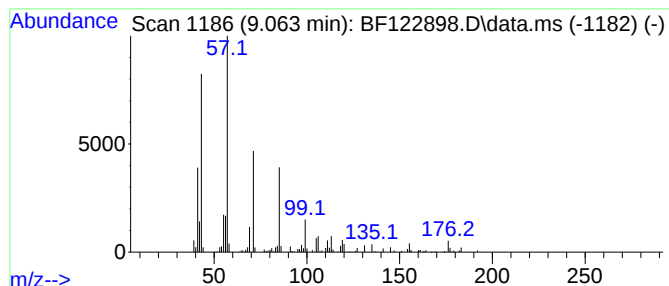
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonane, 4,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	7.74 ng	450077	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	68
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3			1-Iodoundecane	282	C11H23I	004282-44-4	64
4			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5			Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
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ClientSampleId :
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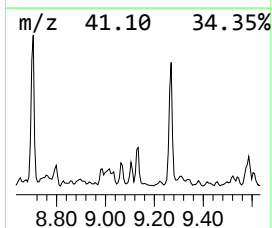
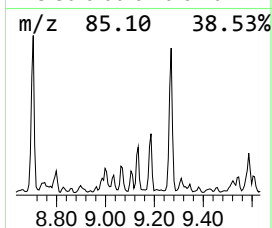
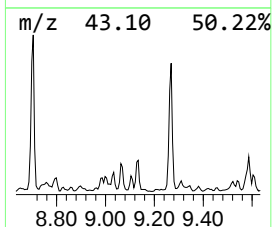
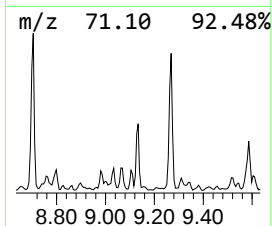
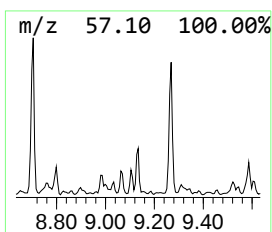
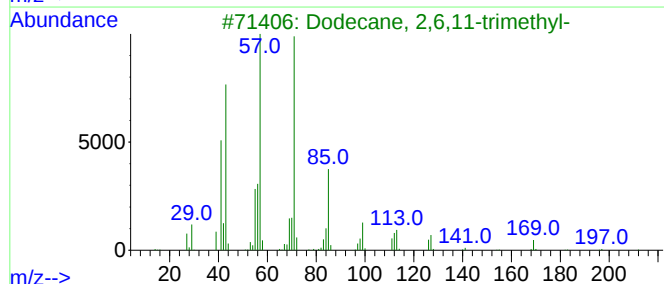
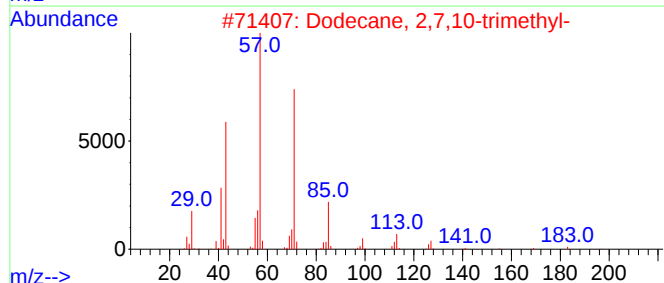
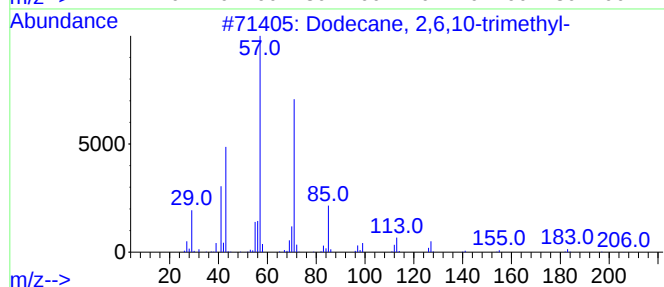
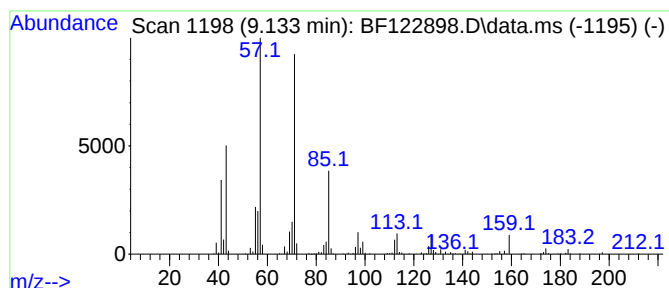
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	11.88 ng	691185	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
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Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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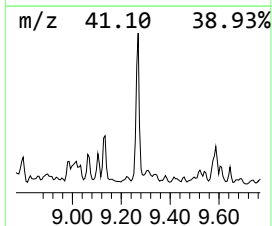
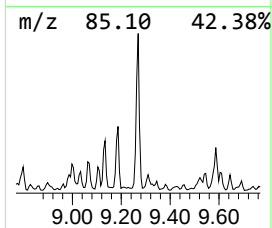
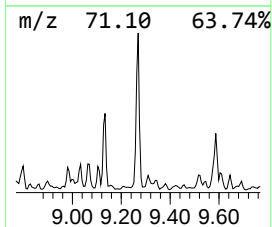
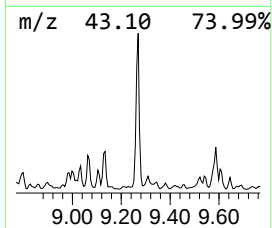
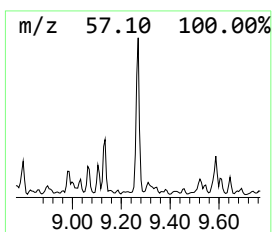
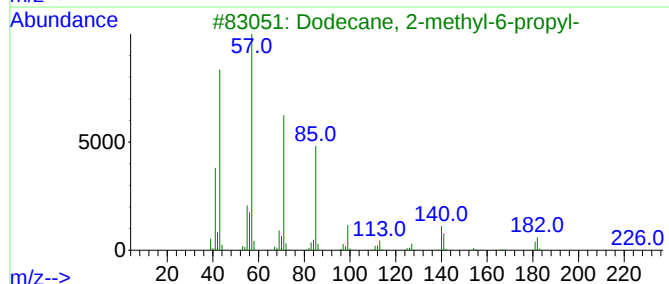
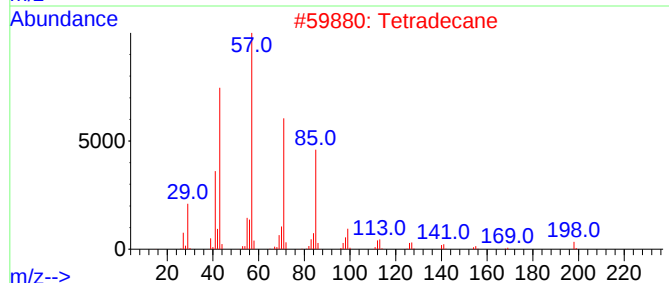
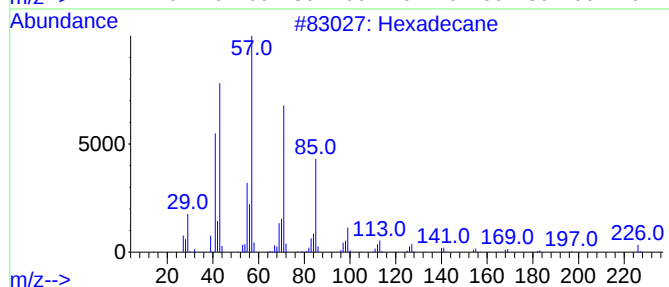
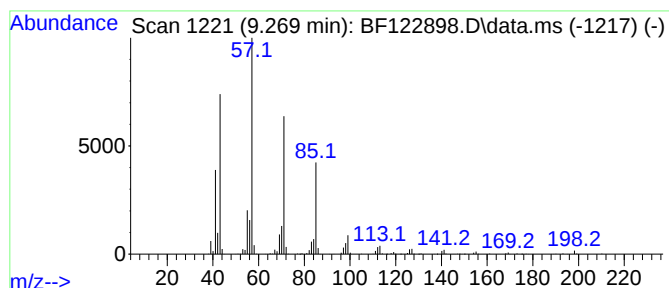
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	29.05 ng	1689730	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Tridecane	184	C13H28	000629-50-5	64
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

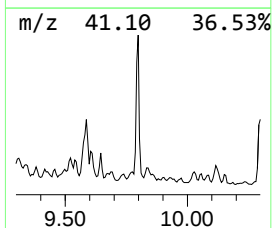
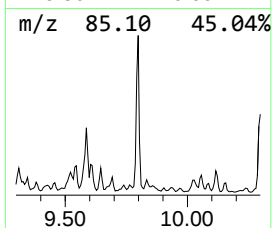
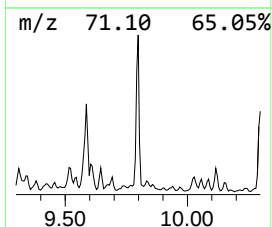
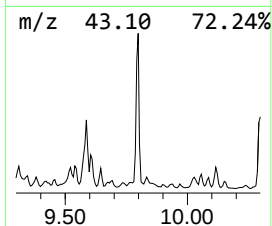
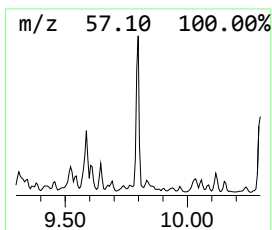
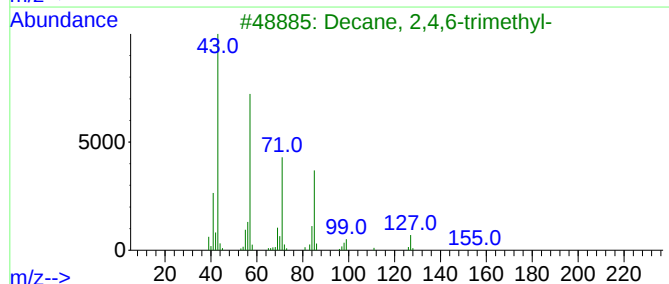
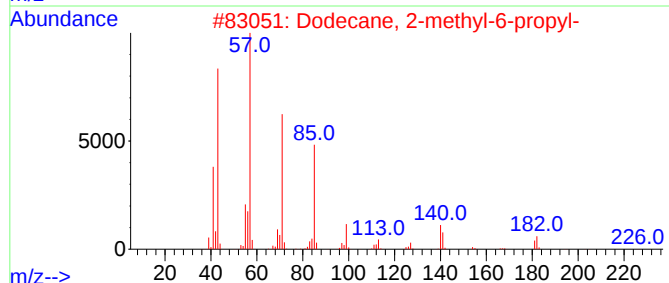
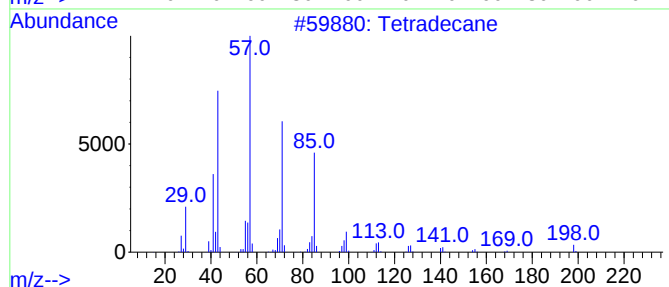
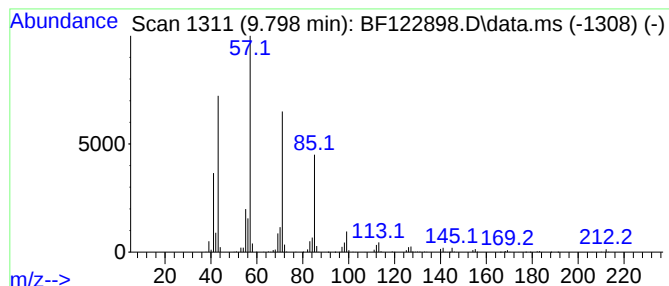
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Decane, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	15.32 ng	891350	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

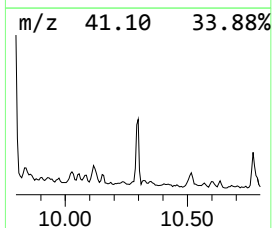
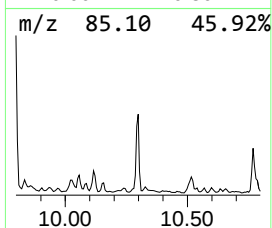
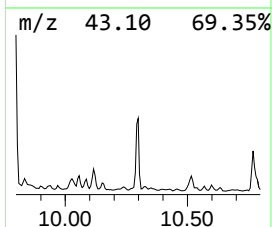
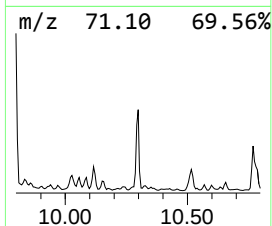
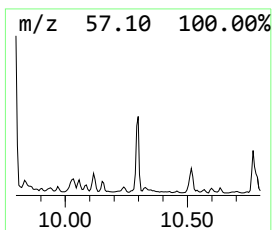
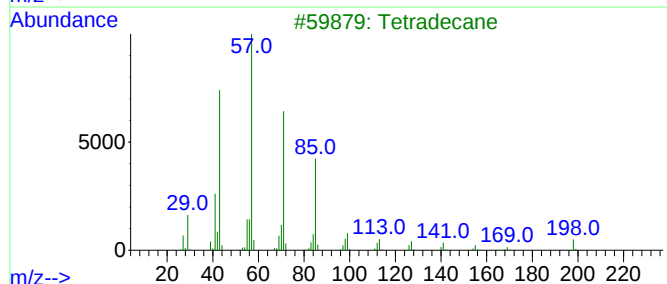
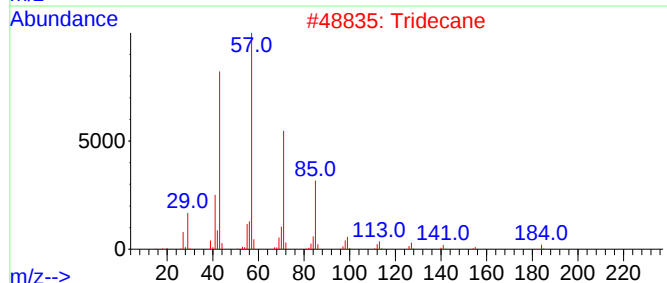
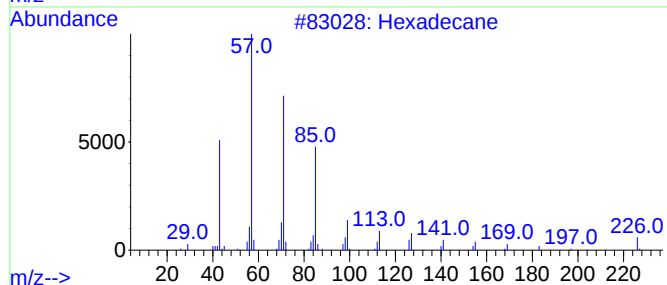
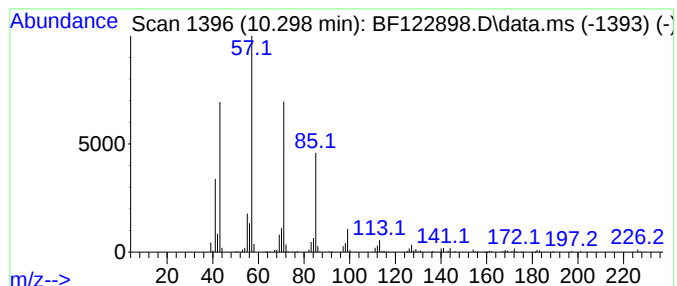
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.298	7.82 ng	454976	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
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Sample : L5244-01
Misc :
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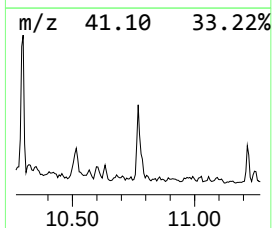
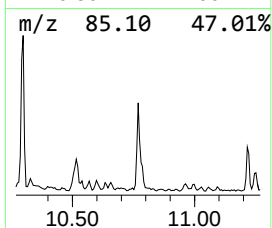
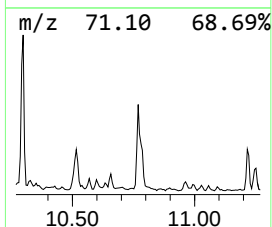
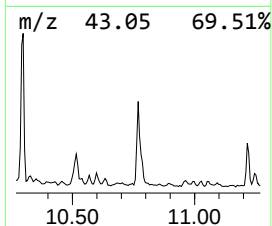
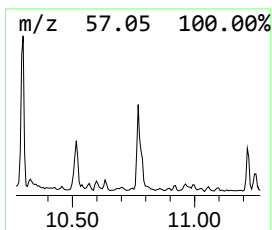
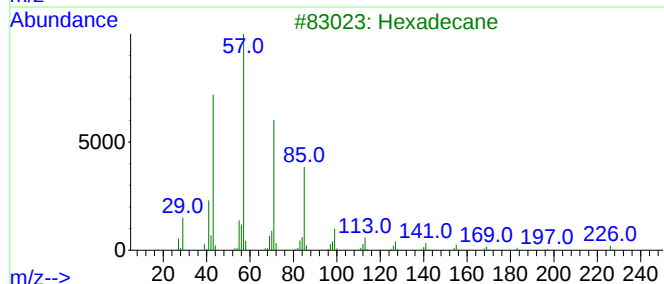
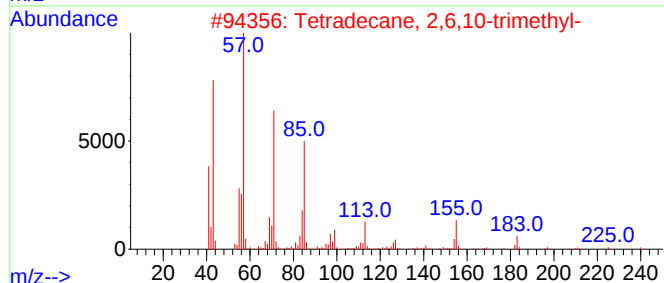
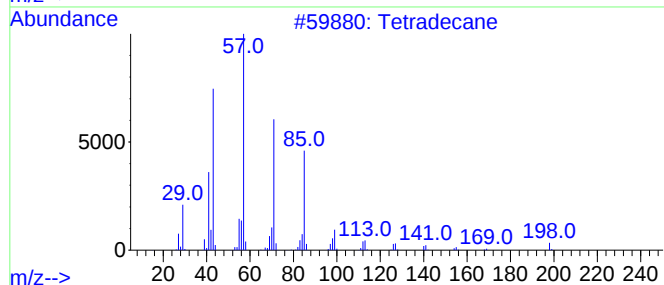
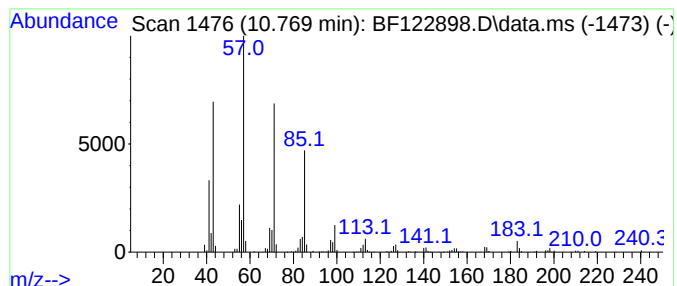
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.769	7.17 ng	410146	Phenanthrene-d10		11.357	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	96
2	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	93
3	Hexadecane		226	C16H34	000544-76-3	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Heptadecane		240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
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Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-123020

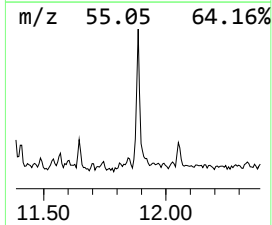
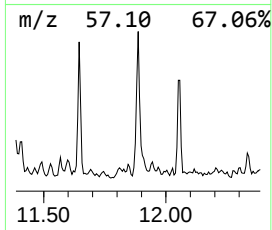
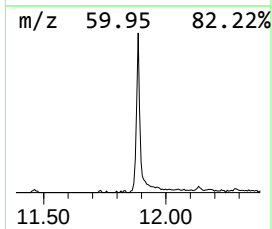
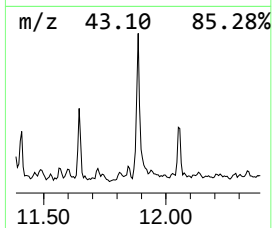
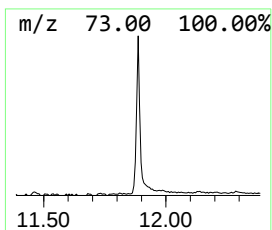
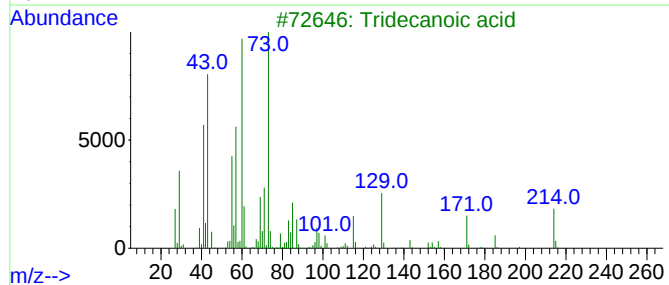
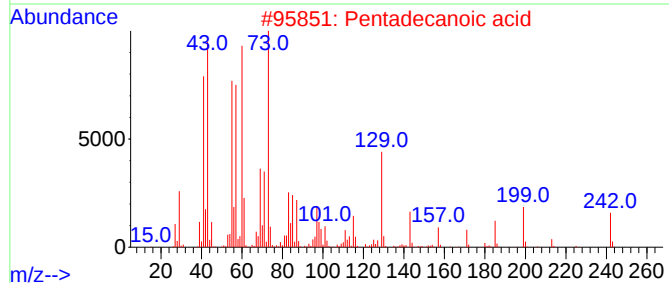
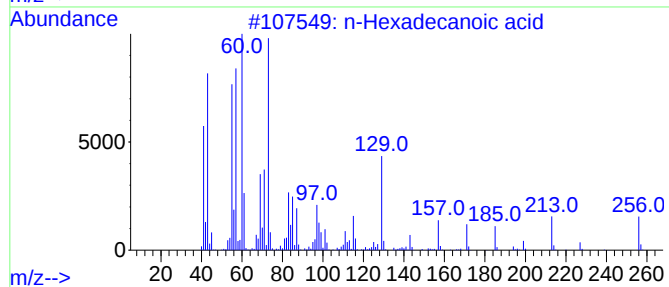
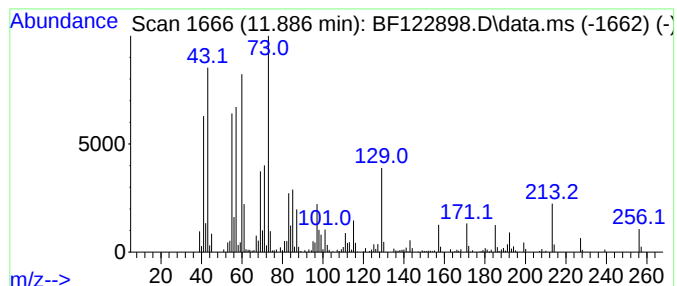
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	7.63 ng	436818	Phenanthrene-d10	11.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
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Instrument :
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ClientSampleId :
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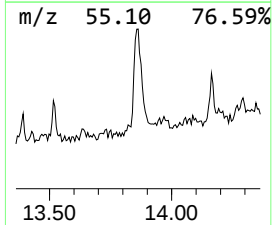
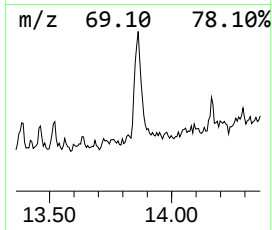
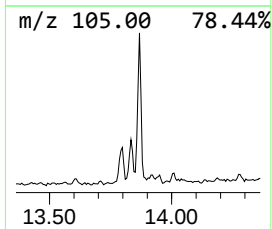
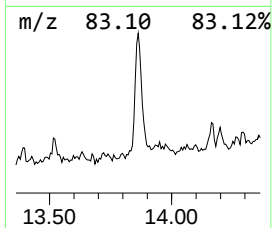
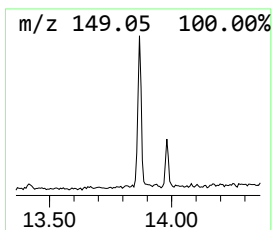
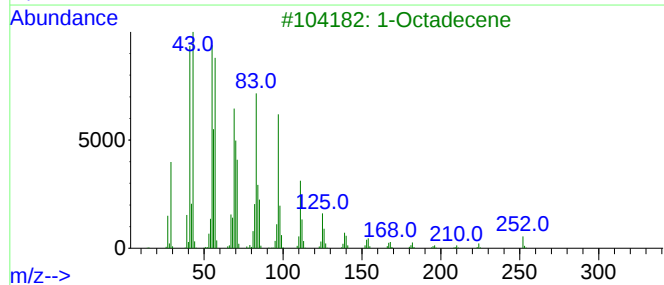
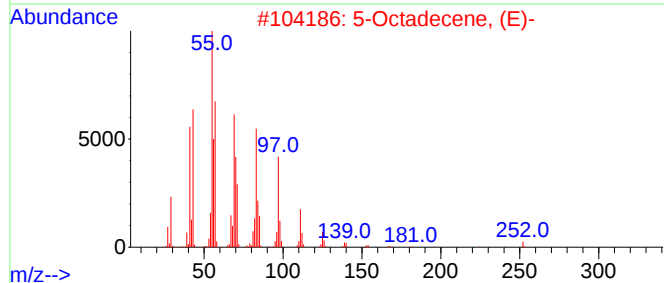
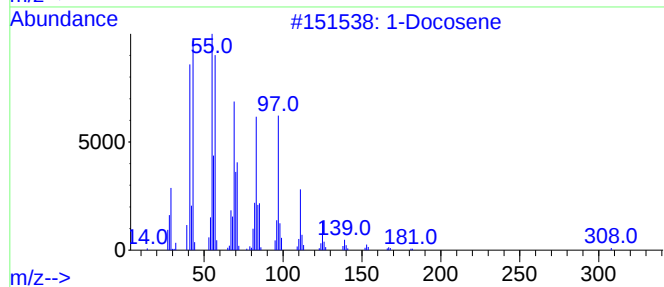
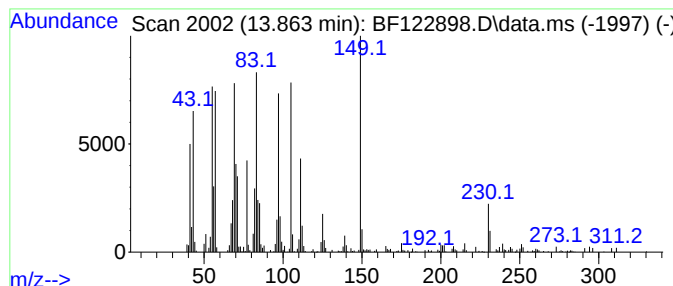
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	11.03 ng	553186	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	90
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	86
3			1-Octadecene	252	C18H36	000112-88-9	81
4			Cyclopentadecane	210	C15H30	000295-48-7	70
5			n-Heptadecanol-1	256	C17H36O	001454-85-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
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ClientSampleId :
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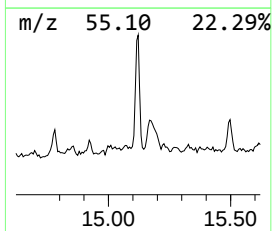
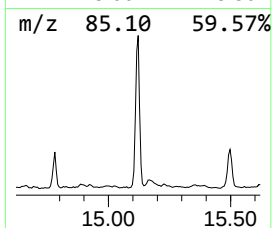
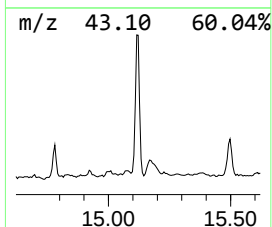
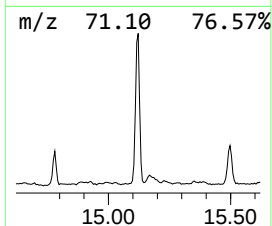
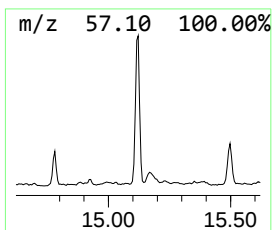
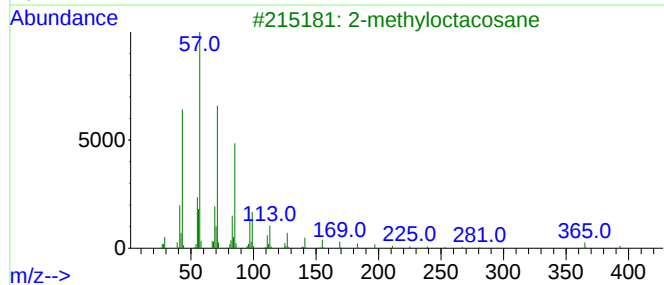
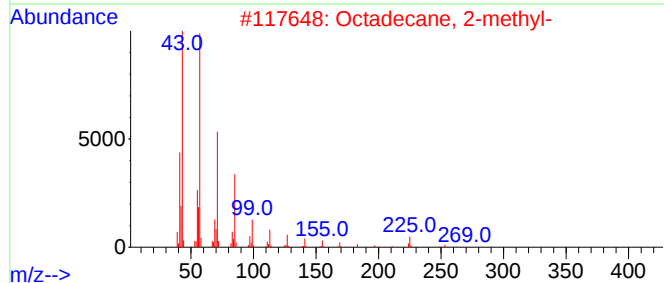
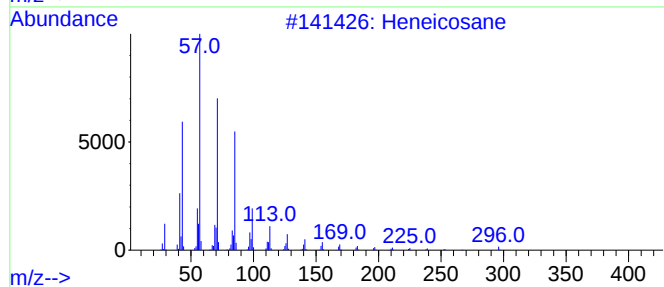
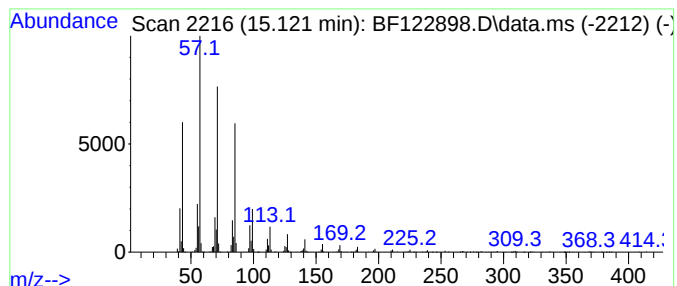
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	17.42 ng	1082870	Perylene-d12	15.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

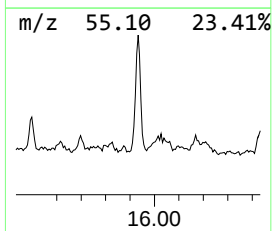
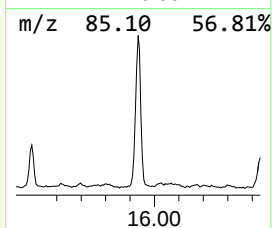
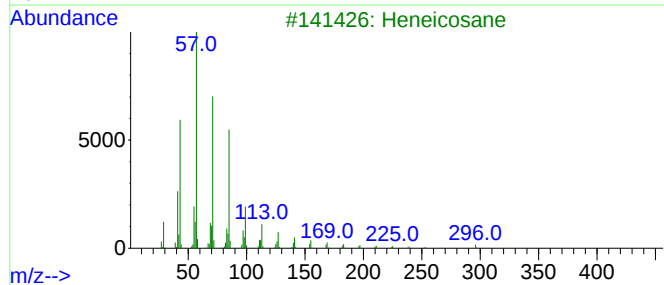
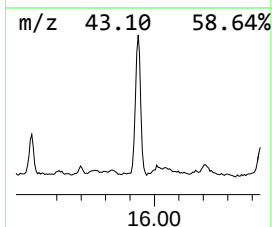
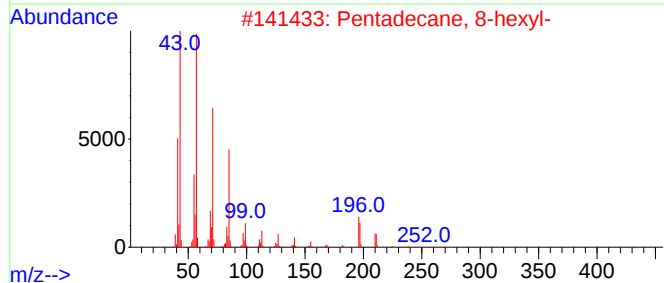
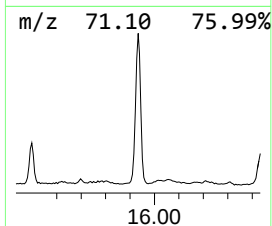
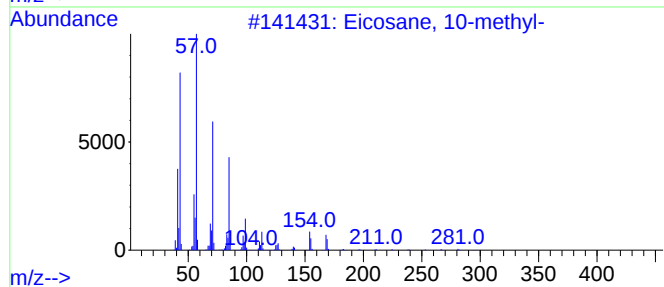
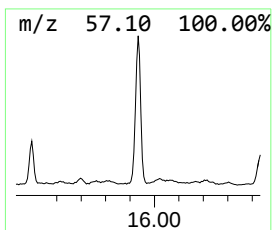
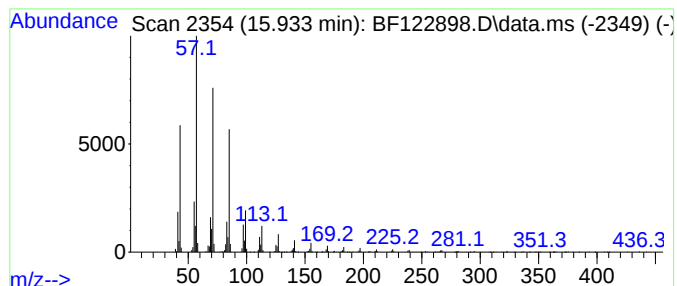
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	19.77 ng	1229380	Perylene-d12	15.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3			Heneicosane	296	C21H44	000629-94-7	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

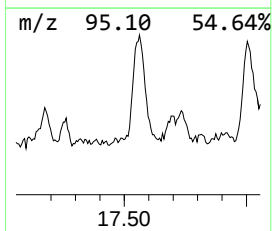
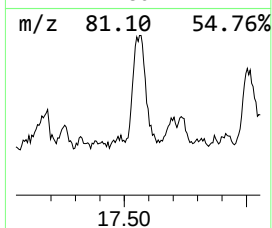
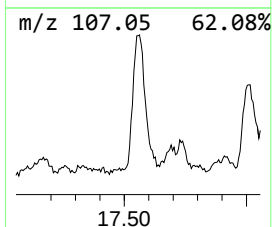
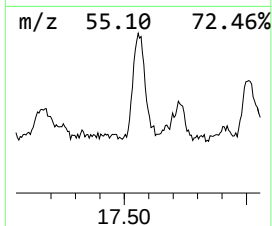
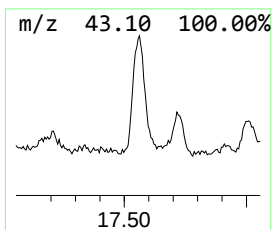
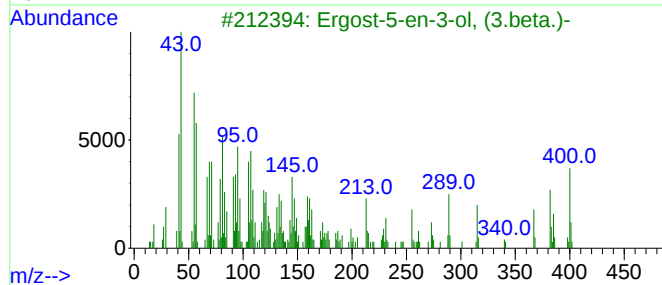
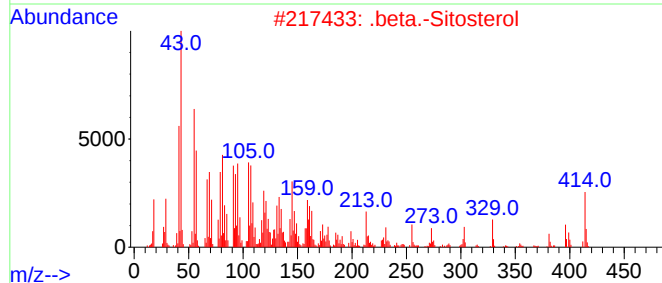
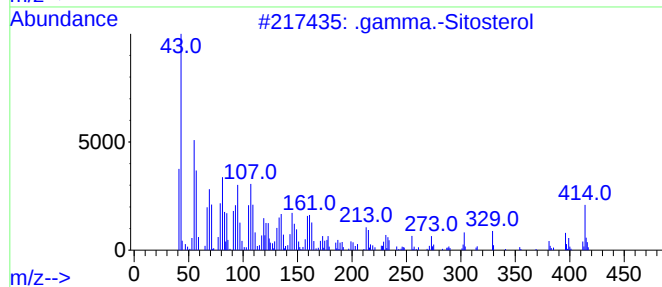
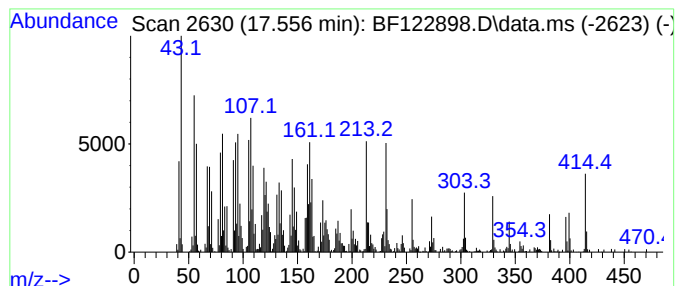
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.557	41.13 ng	2557530	Perylene-d12	15.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-Sitosterol	414	C29H50O	000083-47-6	87	
2	.	beta.-Sitosterol	414	C29H50O	000083-46-5	84	
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	38		
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	10		
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

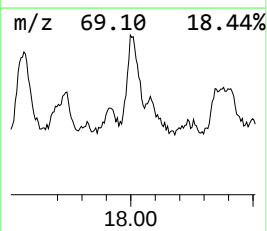
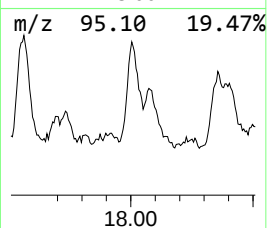
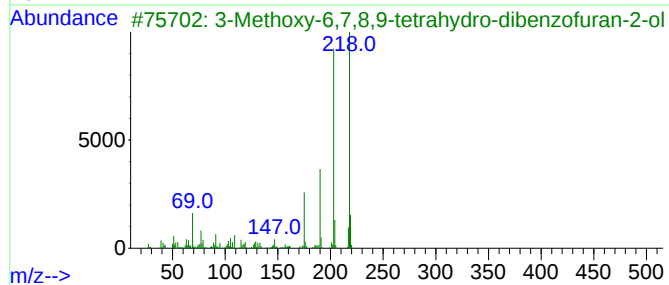
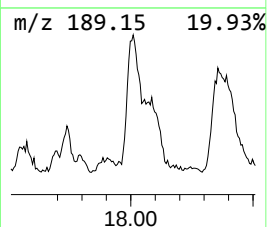
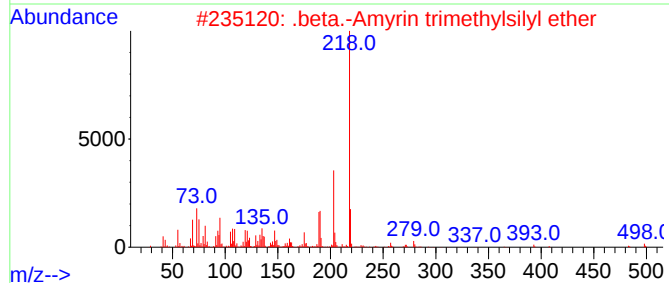
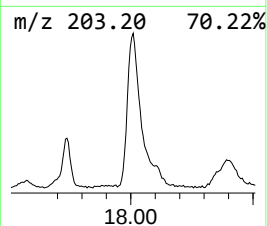
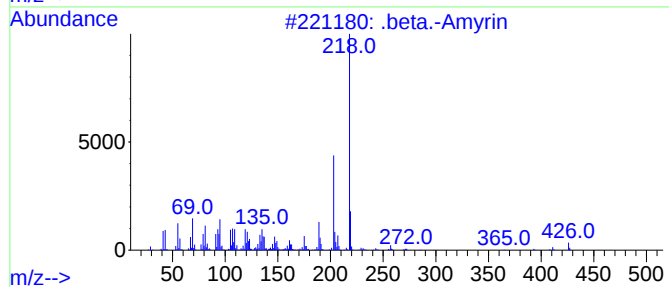
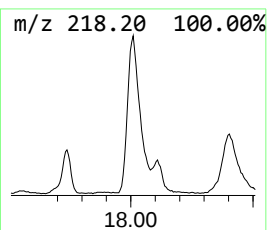
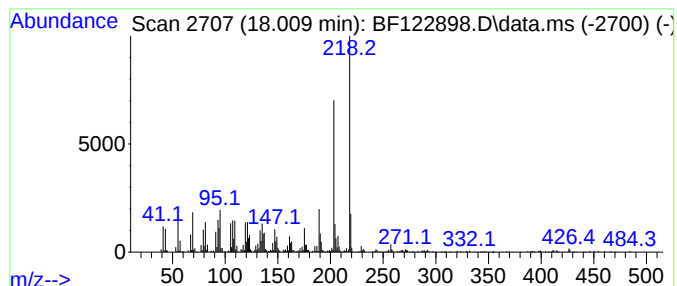
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 .beta.-Amyrin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.009	26.59 ng	1653100	Perylene-d12	15.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Amyrin	426	C30H50O	000559-70-6	98	
2	.	beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	83	
3	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	76		
4	Acetic acid, 3-hydroxy-7-isoprop...	278	C17H26O3	1000187-37-6	62		
5	2,4(1H,3H)-Quinazolidinedione, 1,3...	218	C12H14N2O2	002049-84-5	62		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

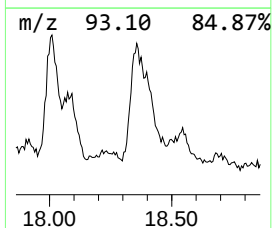
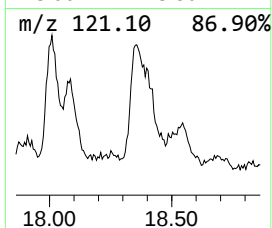
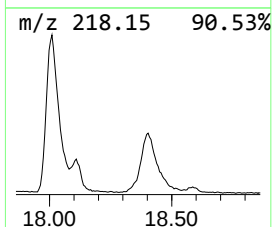
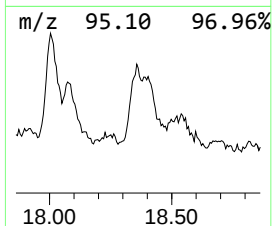
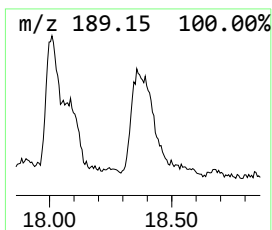
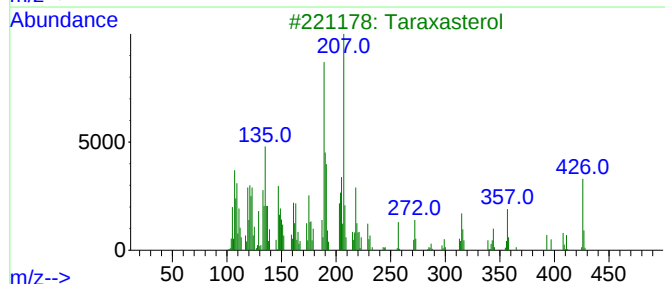
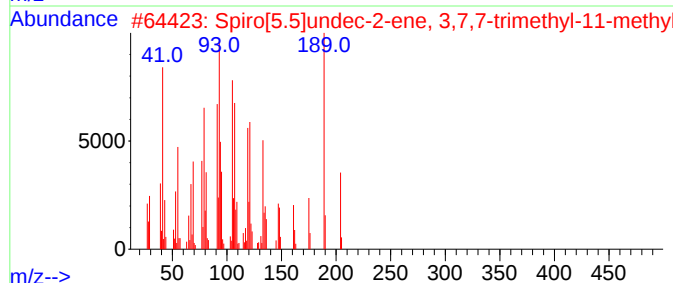
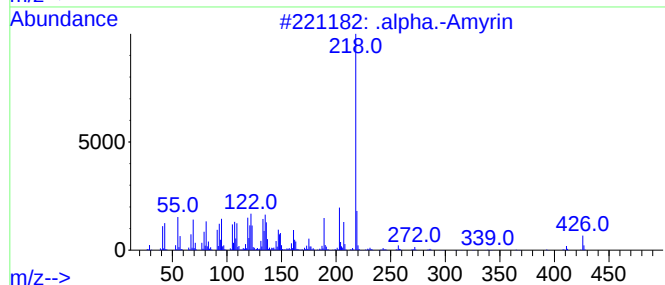
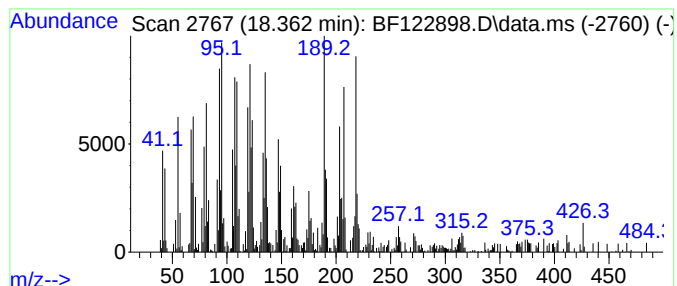
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .alpha.-Amyrin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	9.17 ng	570353	Perylene-d12	15.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Amyrin	426	C30H50O	000638-95-9	64
2			Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	47
3			Taraxasterol	426	C30H50O	001059-14-9	46
4			Caparratriene	206	C15H26	1000374-08-7	45
5			Guaia-9,11-diene	204	C15H24	1000374-19-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122898.D
 Acq On : 31 Dec 2020 16:17
 Operator : JU/CG
 Sample : L5244-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecane, 1-c...	6.651	8.1	ng	342997	1	6.816	846988	20.0
Benzene, 1-meth...	7.210	5.3	ng	224022	1	6.816	846988	20.0
Undecane, 2-met...	7.857	6.0	ng	600072	2	8.110	1997590	20.0
Undecane, 2,6-d...	8.169	6.6	ng	659125	2	8.110	1997590	20.0
Cyclohexane, (4...	8.398	6.5	ng	654086	2	8.110	1997590	20.0
Dodecane, 2,6,1...	8.528	7.5	ng	754363	2	8.110	1997590	20.0
Tridecane	8.704	18.2	ng	1817250	2	8.110	1997590	20.0
Nonane, 4,5-dim...	9.063	7.7	ng	450077	3	9.869	1163410	20.0
Dodecane, 2,6,1...	9.133	11.9	ng	691185	3	9.869	1163410	20.0
Dodecane, 2-met...	9.269	29.1	ng	1689730	3	9.869	1163410	20.0
Decane, 2,4,6-t...	9.798	15.3	ng	891350	3	9.869	1163410	20.0
Hexadecane	10.298	7.8	ng	454976	3	9.869	1163410	20.0
Tetradecane	10.769	7.2	ng	410146	4	11.357	1144680	20.0
n-Hexadecanoic ...	11.886	7.6	ng	436818	4	11.357	1144680	20.0
1-Docosene	13.863	11.0	ng	553186	5	14.010	1003280	20.0
Heneicosane	15.121	17.4	ng	1082870	6	15.486	1243540	20.0
Eicosane, 10-me...	15.933	19.8	ng	1229380	6	15.486	1243540	20.0
.gamma.-Sitosterol	17.557	41.1	ng	2557530	6	15.486	1243540	20.0
.beta.-Amyrin	18.009	26.6	ng	1653100	6	15.486	1243540	20.0
.alpha.-Amyrin	18.362	9.2	ng	570353	6	15.486	1243540	20.0