

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF111988.D
 Acq On : 10 Jan 2019 15:39
 Operator : JU/SJ
 Sample : K1005-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010918-C

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF010719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	19	rVB	67492	89418	4.67%	0.283%
2	5.087	506	510	517	rVB	91523	111993	5.85%	0.354%
3	5.504	577	581	591	rVB	1937766	1795308	93.73%	5.673%
4	5.793	627	630	633	rBV	118983	99969	5.22%	0.316%
5	6.034	668	671	676	rVB3	33013	45891	2.40%	0.145%
6	6.134	685	688	694	rVV3	84519	118945	6.21%	0.376%
7	6.316	714	719	724	rBV2	63359	92023	4.80%	0.291%
8	6.381	728	730	732	rVV	89451	63442	3.31%	0.200%
9	6.410	732	735	737	rVV2	160473	156880	8.19%	0.496%
10	6.469	742	745	748	rBV2	117879	127803	6.67%	0.404%
11	6.510	748	752	758	rVV	1903508	1900938	99.25%	6.007%
12	6.622	766	771	772	rBV2	60526	74384	3.88%	0.235%
13	6.645	772	775	779	rVV	2052499	1915320	100.00%	6.052%
14	6.716	781	787	790	rBV3	587957	677833	35.39%	2.142%
15	6.816	798	804	806	rBV4	33692	54023	2.82%	0.171%
16	6.875	810	814	821	rVV2	882826	873234	45.59%	2.759%
17	6.934	821	824	828	rVB2	122481	122005	6.37%	0.386%
18	6.992	832	834	837	rVV	61563	57226	2.99%	0.181%
19	7.028	837	840	844	rVV	1544120	1516382	79.17%	4.792%
20	7.151	858	861	864	rVV	228617	203501	10.62%	0.643%
21	7.187	864	867	870	rVV3	136768	189000	9.87%	0.597%
22	7.216	870	872	876	rVV	153242	127816	6.67%	0.404%
23	7.263	877	880	884	rVV3	186690	220067	11.49%	0.695%
24	7.434	901	909	912	rBV	1310691	1432326	74.78%	4.526%
25	7.475	912	916	920	rVB	798544	681686	35.59%	2.154%
26	7.522	920	924	927	rVB4	117766	175943	9.19%	0.556%
27	7.563	927	931	932	rBV2	68250	82146	4.29%	0.260%
28	7.587	932	935	937	rVV4	69904	89392	4.67%	0.282%
29	7.634	940	943	944	rVV2	46921	54355	2.84%	0.172%
30	7.657	945	947	948	rVV	75510	65777	3.43%	0.208%
31	7.686	948	952	954	rVV3	111264	151868	7.93%	0.480%
32	7.757	960	964	966	rBV2	67154	82113	4.29%	0.259%
33	7.781	966	968	970	rVV	107109	99431	5.19%	0.314%
34	7.804	970	972	975	rVV3	101141	108981	5.69%	0.344%

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35	7.845	975	979	981	rVB3	139972	168579	8.80%	0.533%
36	7.875	981	984	986	rBV	170676	153522	8.02%	0.485%
37	7.910	986	990	994	rVV5	188921	317889	16.60%	1.005%
38	7.951	994	997	999	rVV	121605	105977	5.53%	0.335%
39	7.975	999	1001	1003	rVV2	73041	76484	3.99%	0.242%
40	7.998	1003	1005	1007	rVB	119347	92563	4.83%	0.292%
41	8.028	1007	1010	1014	rBV2	51095	59557	3.11%	0.188%
42	8.157	1030	1032	1035	rVB	1000707	788087	41.15%	2.490%
43	8.222	1038	1043	1045	rVB2	227895	286644	14.97%	0.906%
44	8.251	1045	1048	1050	rBV3	86362	92336	4.82%	0.292%
45	8.316	1055	1059	1061	rBV3	61862	78078	4.08%	0.247%
46	8.357	1064	1066	1069	rVB3	83122	83096	4.34%	0.263%
47	8.451	1076	1082	1089	rBV5	191239	270044	14.10%	0.853%
48	8.504	1089	1091	1094	rVB3	137055	125294	6.54%	0.396%
49	8.539	1094	1097	1100	rBV3	154488	177360	9.26%	0.560%
50	8.581	1100	1104	1106	rBV3	180630	176930	9.24%	0.559%
51	8.622	1110	1111	1114	rVB2	87350	63487	3.31%	0.201%
52	8.663	1114	1118	1121	rBV	214726	193667	10.11%	0.612%
53	8.751	1129	1133	1137	rBV	529740	512341	26.75%	1.619%
54	8.816	1142	1144	1146	rVV2	65405	53184	2.78%	0.168%
55	8.845	1146	1149	1152	rVB3	101311	114552	5.98%	0.362%
56	8.910	1157	1160	1162	rBV4	48449	45746	2.39%	0.145%
57	8.981	1162	1172	1178	rBV6	125018	222344	11.61%	0.703%
58	9.110	1190	1194	1199	rVB5	87864	134350	7.01%	0.425%
59	9.151	1199	1201	1203	rBV2	85984	66740	3.48%	0.211%
60	9.181	1203	1206	1210	rVB4	126990	133855	6.99%	0.423%
61	9.228	1210	1214	1218	rBV	1989383	1771712	92.50%	5.598%
62	9.316	1225	1229	1232	rBV	362970	376828	19.67%	1.191%
63	9.345	1232	1234	1238	rVV4	56556	81044	4.23%	0.256%
64	9.380	1238	1240	1243	rVB2	64756	68208	3.56%	0.216%
65	9.551	1265	1269	1270	rBV3	56320	54920	2.87%	0.174%
66	9.569	1270	1272	1274	rVV3	75770	69203	3.61%	0.219%
67	9.592	1274	1276	1278	rVV2	64428	55691	2.91%	0.176%
68	9.622	1278	1281	1285	rVV	346920	377284	19.70%	1.192%
69	9.657	1285	1287	1290	rVV2	105553	99405	5.19%	0.314%
70	9.692	1290	1293	1296	rVB	71003	60361	3.15%	0.191%
71	9.780	1304	1308	1312	rBV6	31061	64392	3.36%	0.203%

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72	9.845	1315	1319	1321	rVV	218998	206028	10.76%	0.651%
73	9.910	1327	1330	1335	rVB	928959	885986	46.26%	2.800%
74	10.075	1353	1358	1361	rBV5	36071	62151	3.24%	0.196%
75	10.128	1365	1367	1370	rVV2	40677	50388	2.63%	0.159%
76	10.169	1370	1374	1377	rVV7	52823	92647	4.84%	0.293%
77	10.233	1382	1385	1391	rVB6	27695	52049	2.72%	0.164%
78	10.339	1401	1403	1406	rVB	129444	106073	5.54%	0.335%
79	10.563	1436	1441	1446	rVB	48601	65831	3.44%	0.208%
80	10.698	1458	1464	1468	rBV	1326972	1185781	61.91%	3.747%
81	10.816	1480	1484	1492	rVB	92808	135261	7.06%	0.427%
82	11.263	1553	1560	1563	rBV	81837	80043	4.18%	0.253%
83	11.292	1563	1565	1571	rVB	54146	55534	2.90%	0.175%
84	11.398	1579	1583	1586	rBV	923630	731916	38.21%	2.313%
85	11.686	1629	1632	1635	rBV	67459	58874	3.07%	0.186%
86	11.786	1646	1649	1652	rVB	559582	413148	21.57%	1.306%
87	12.474	1762	1766	1767	rBV	1344520	1125827	58.78%	3.558%
88	12.492	1767	1769	1776	rVB	1557996	1453345	75.88%	4.592%
89	12.580	1780	1784	1786	rBV	167876	141166	7.37%	0.446%
90	12.980	1848	1852	1855	rBV	1531005	1243933	64.95%	3.931%
91	13.874	2001	2004	2010	rVB2	90291	118439	6.18%	0.374%
92	14.039	2027	2032	2035	rBV	782231	735193	38.38%	2.323%
93	14.504	2108	2111	2116	rVB	65461	75236	3.93%	0.238%
94	15.086	2207	2210	2217	rBV	66787	149433	7.80%	0.472%
95	15.157	2218	2222	2228	rVB	72295	102124	5.33%	0.323%
96	15.521	2278	2284	2291	rVB	520101	736991	38.48%	2.329%
97	15.880	2343	2345	2348	rBV3	42318	56422	2.95%	0.178%
98	15.980	2359	2362	2368	rVB2	50531	69875	3.65%	0.221%
99	16.362	2425	2427	2437	rVB10	34661	71765	3.75%	0.227%
100	17.098	2548	2552	2561	rVB4	35787	55679	2.91%	0.176%

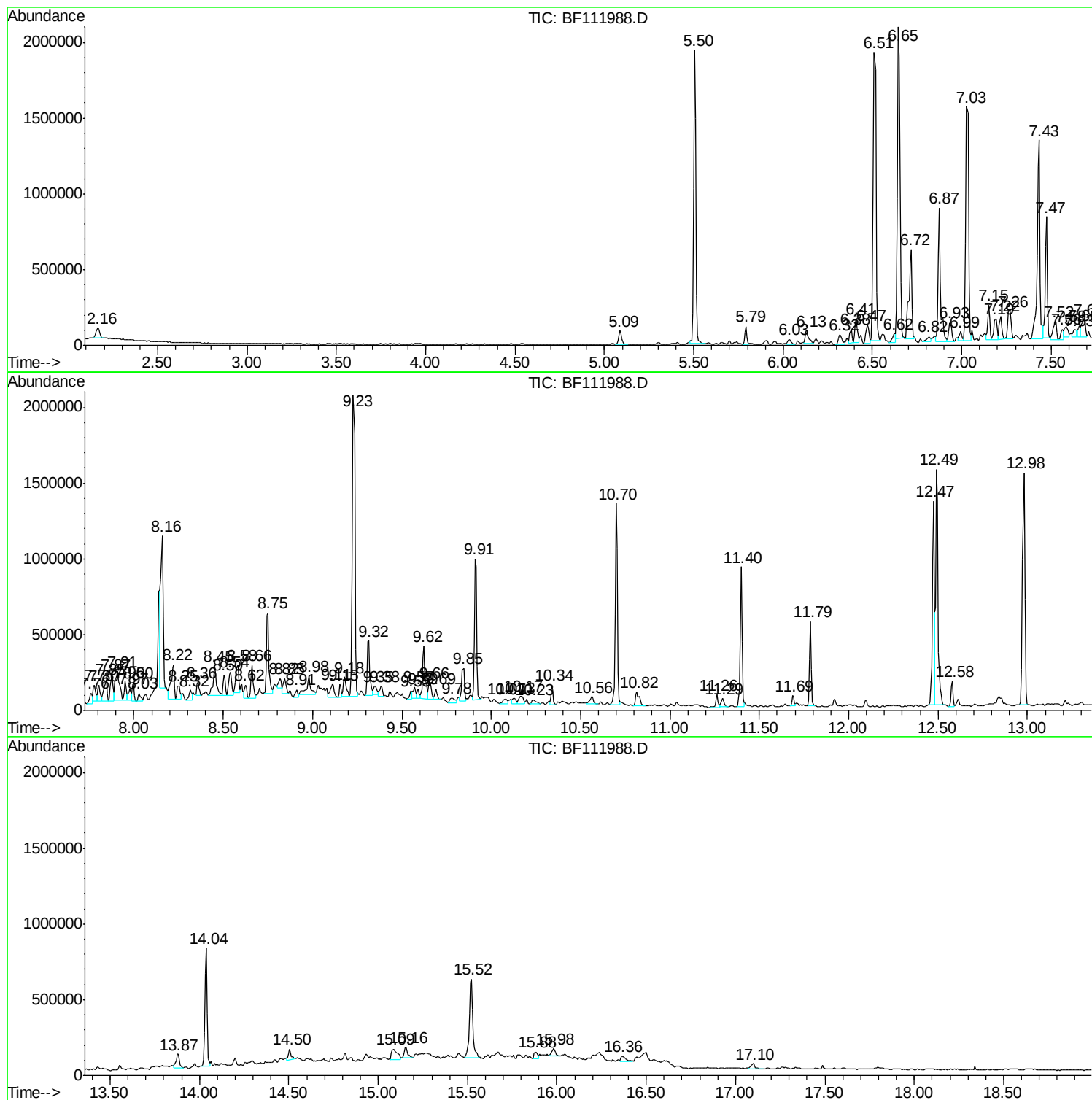
Sum of corrected areas: 31646311

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.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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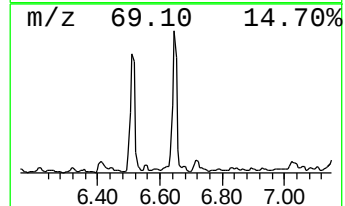
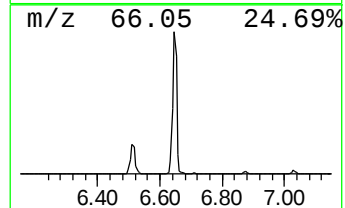
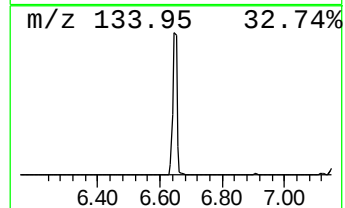
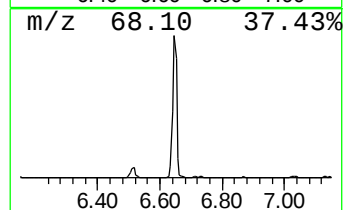
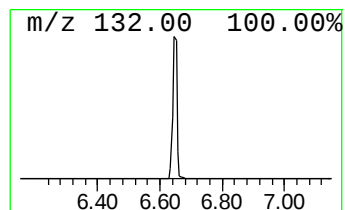
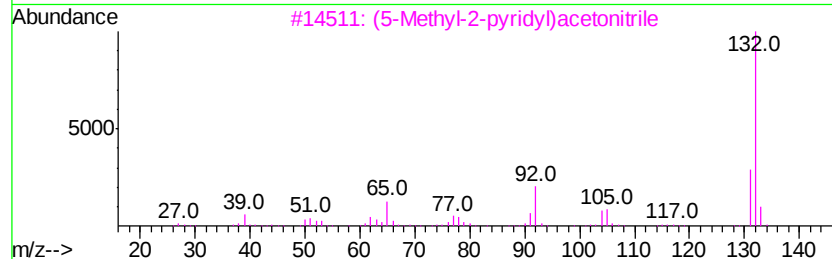
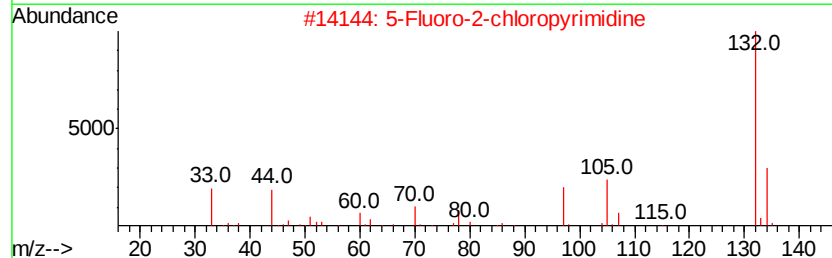
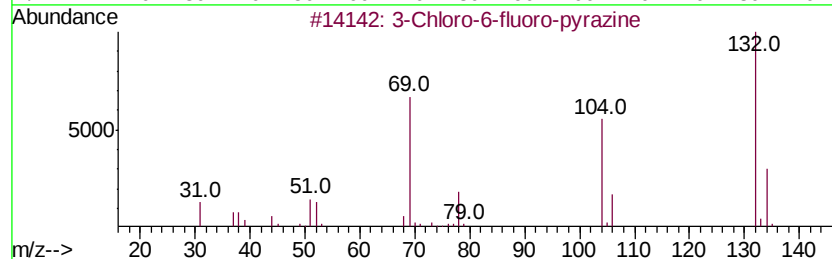
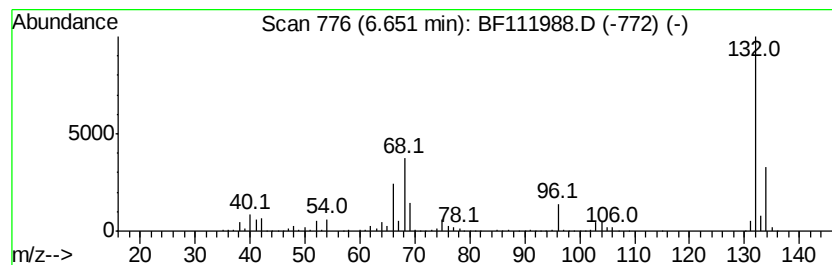
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	43.87 ng	1915320	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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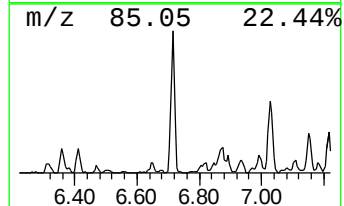
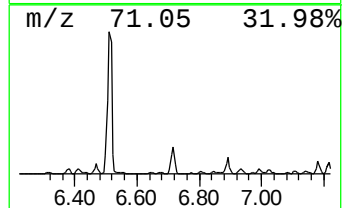
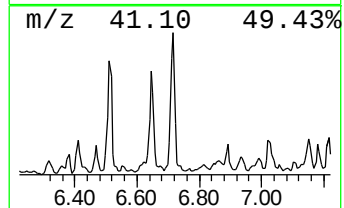
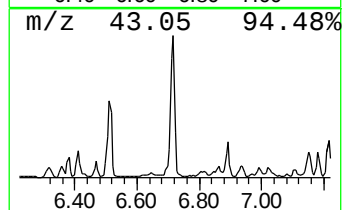
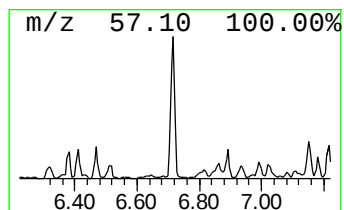
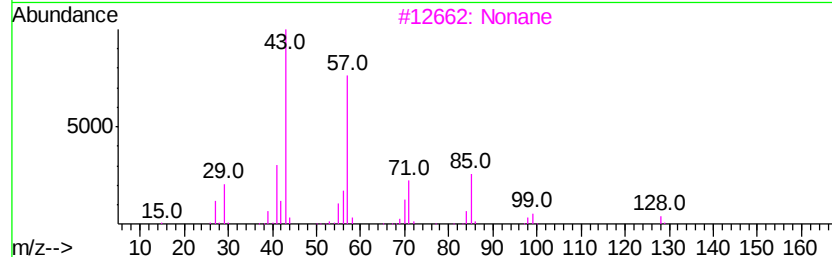
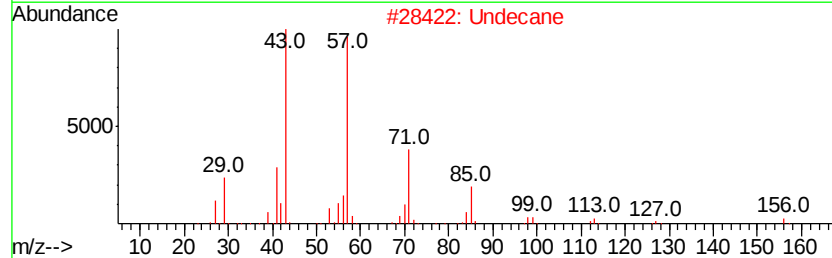
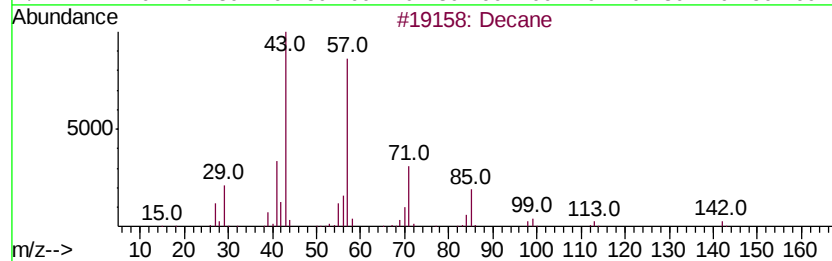
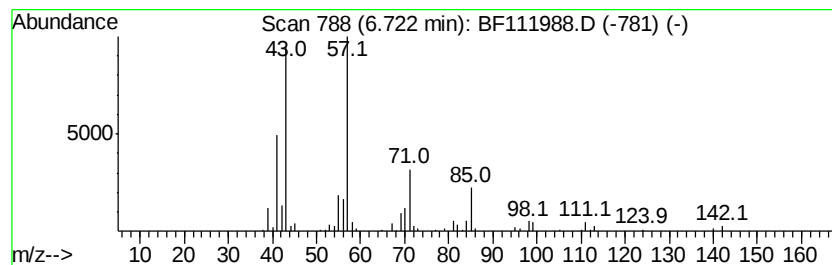
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	15.52 ng	677833	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Undecane	156	C11H24	001120-21-4	78
3		Nonane	128	C9H20	000111-84-2	64
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64



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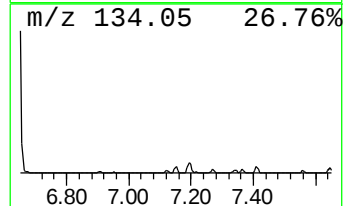
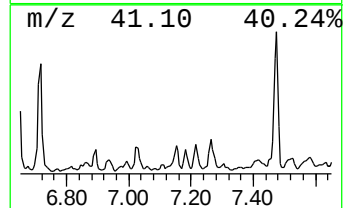
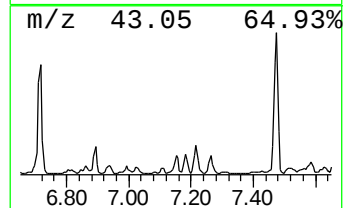
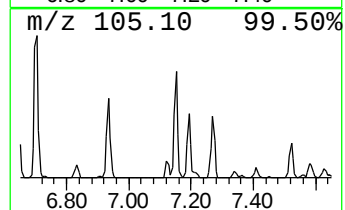
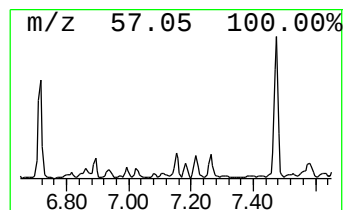
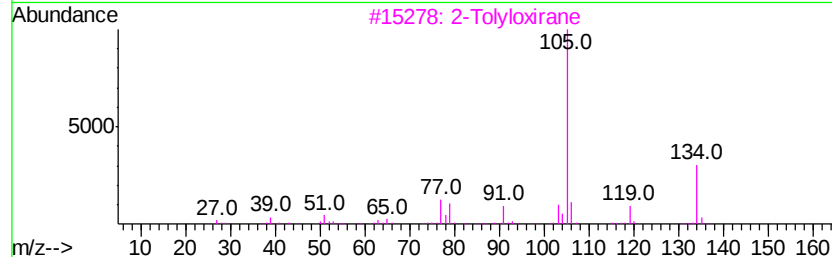
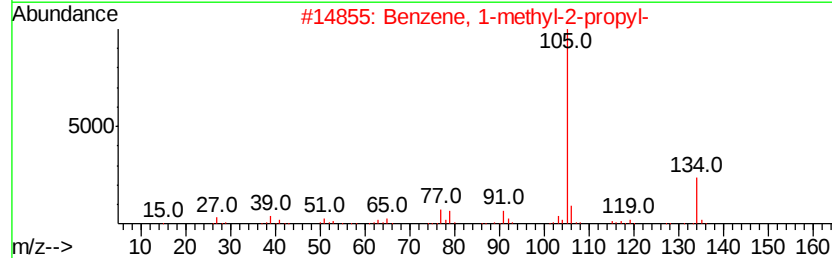
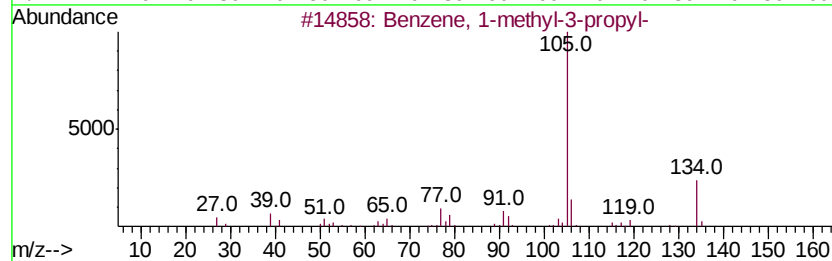
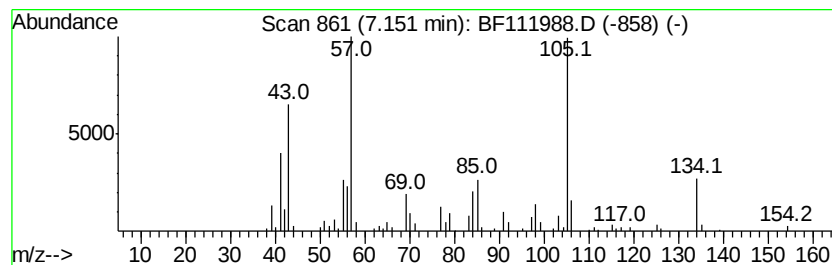
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	4.66 ng	203501	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3		2-Tolylloxirane	134	C9H10O	002783-26-8	42
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

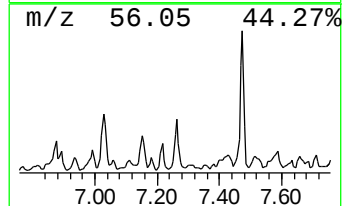
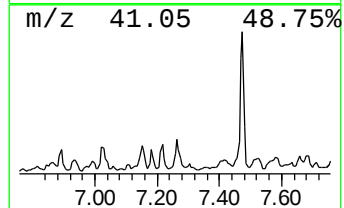
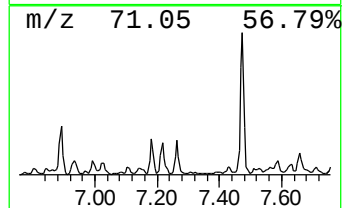
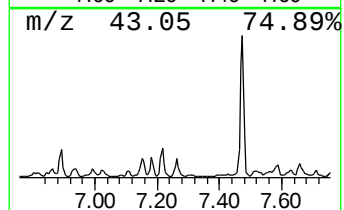
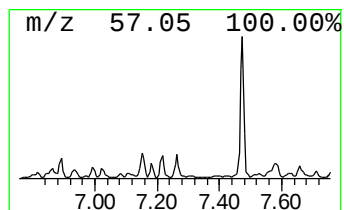
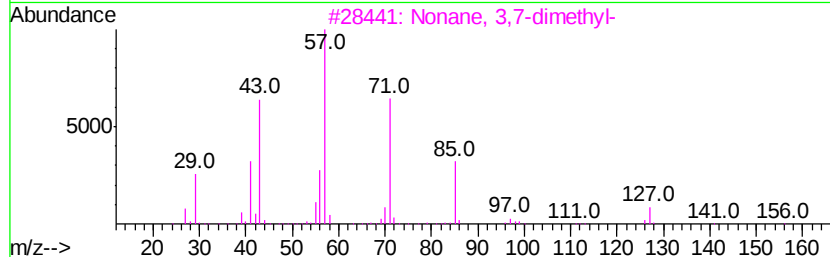
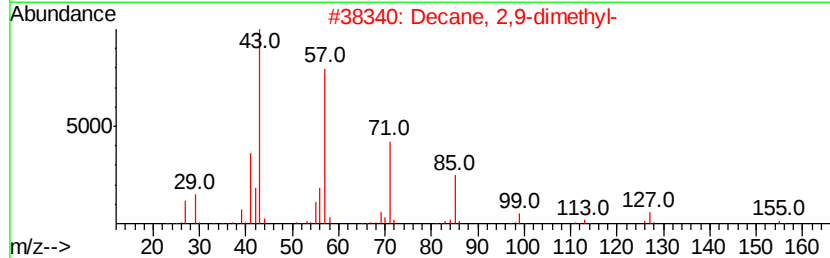
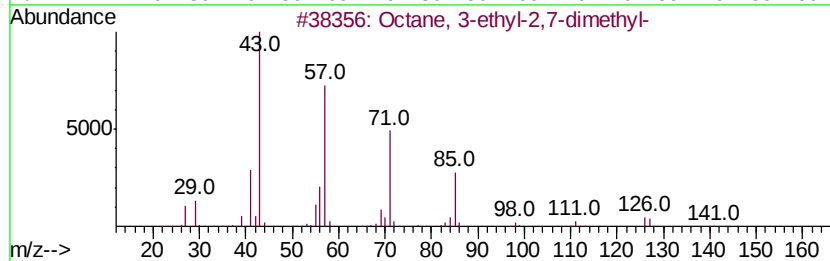
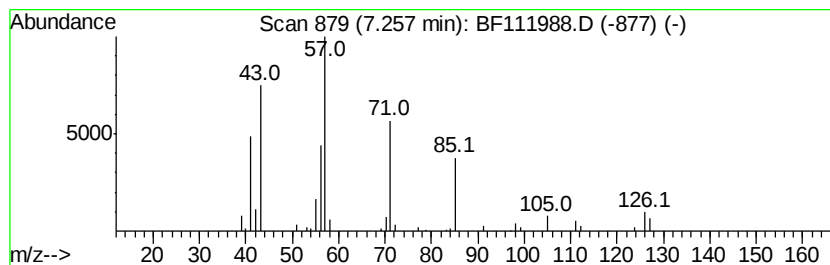
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 3-ethyl-2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	5.04 ng	220067	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53
5		Nonadecane	268	C19H40	000629-92-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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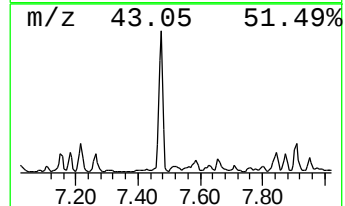
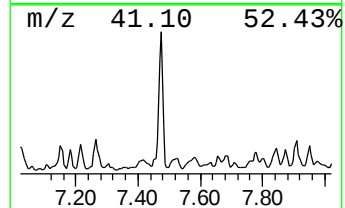
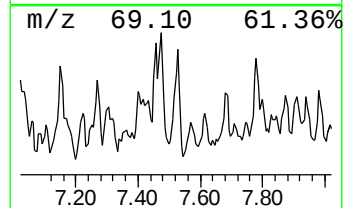
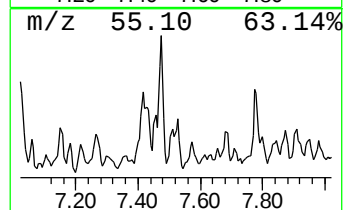
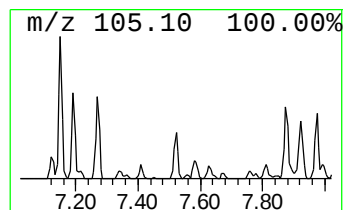
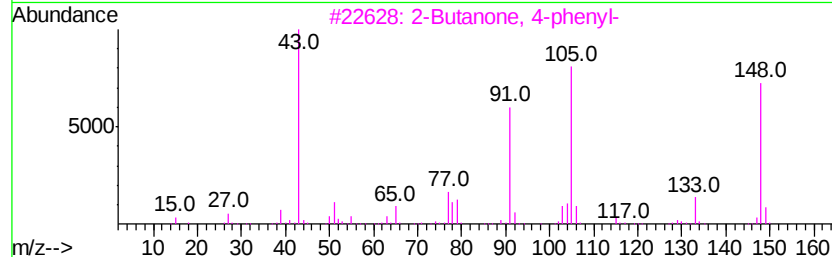
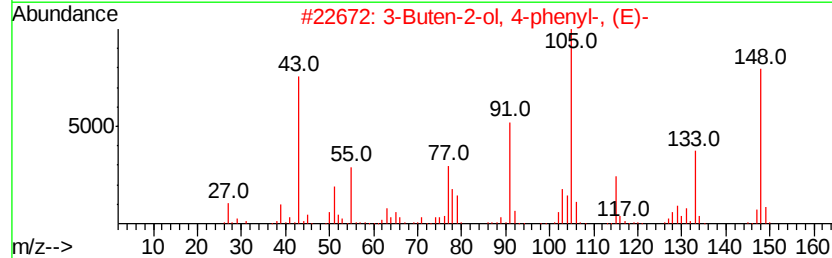
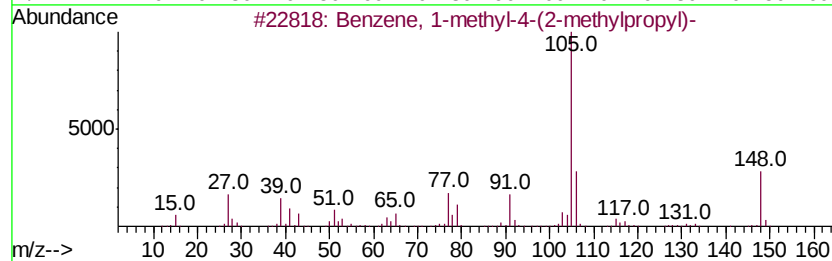
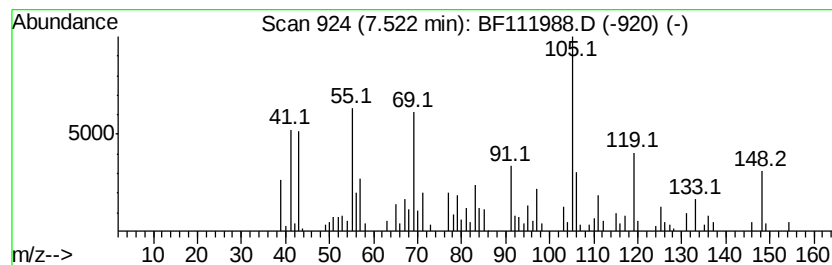
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.52 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	4.47 ng	175943	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	30
2		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	30
3		2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	25
4		Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	25
5		2-Methylindan-2-ol	148	C10H12O	033223-84-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
HR-06-010918-C

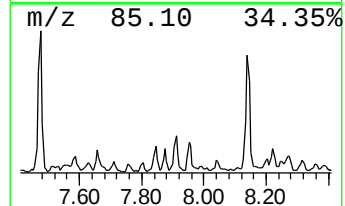
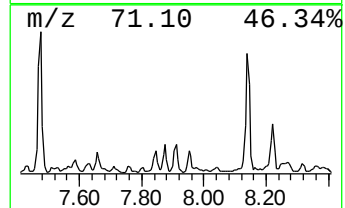
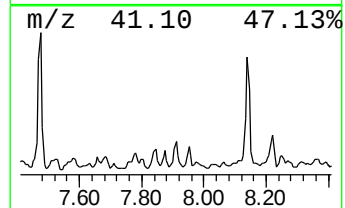
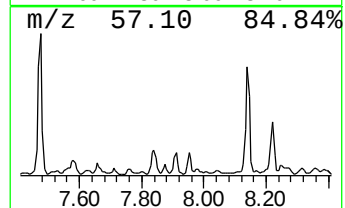
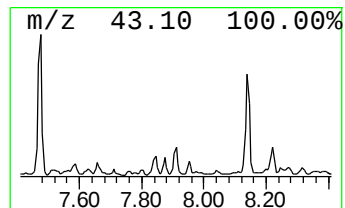
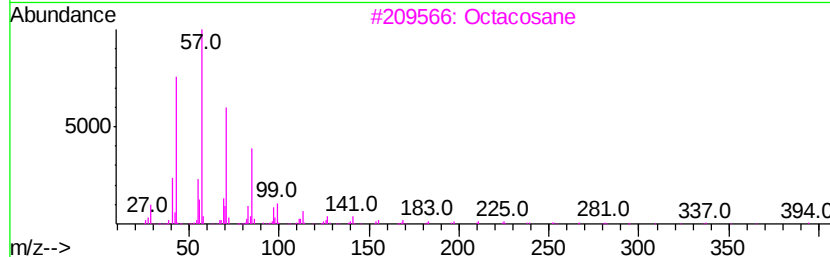
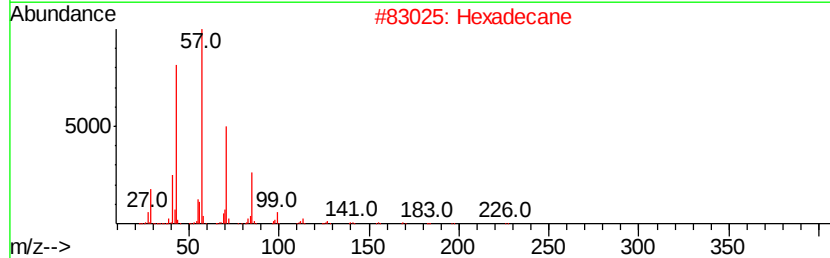
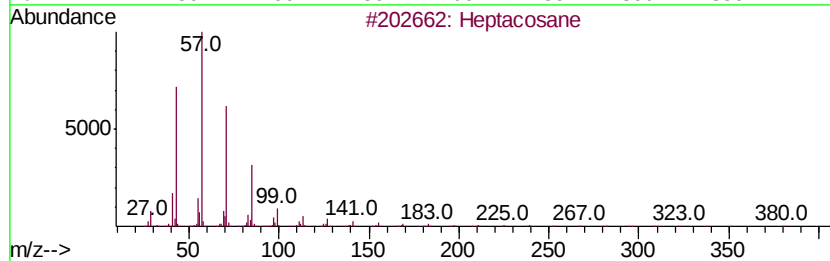
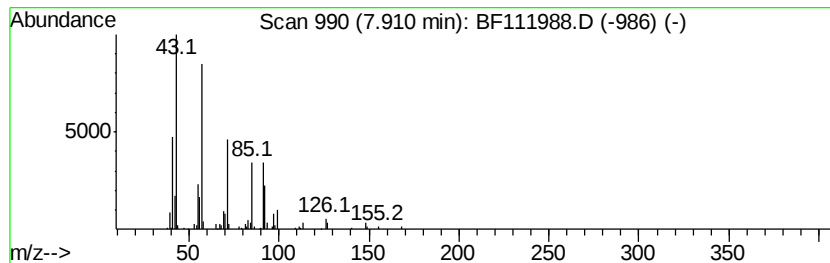
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	8.07 ng	317889	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	64
2	Hexadecane		226	C16H34	000544-76-3	64
3	Octacosane		394	C28H58	000630-02-4	59
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	59
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
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ClientSampleId :
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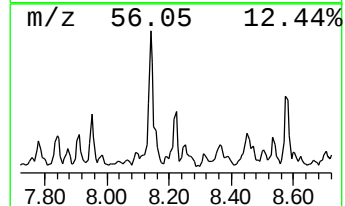
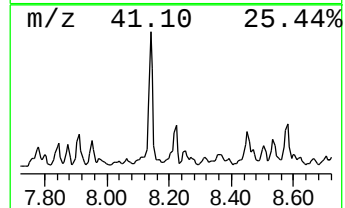
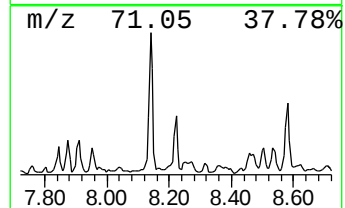
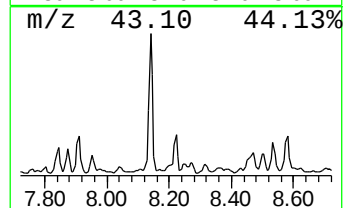
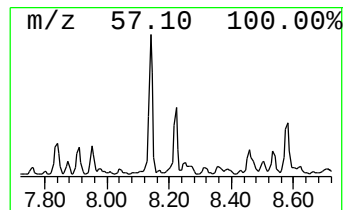
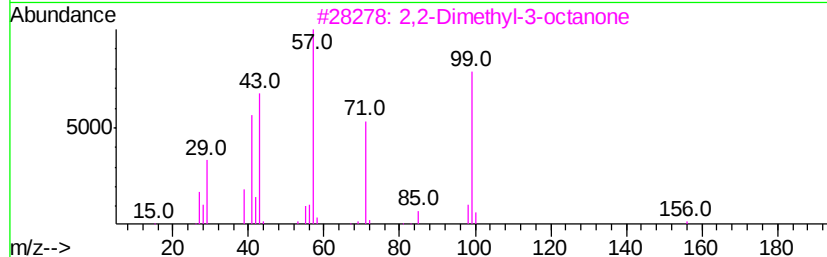
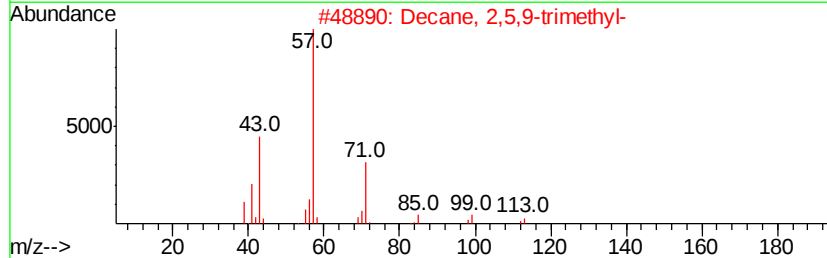
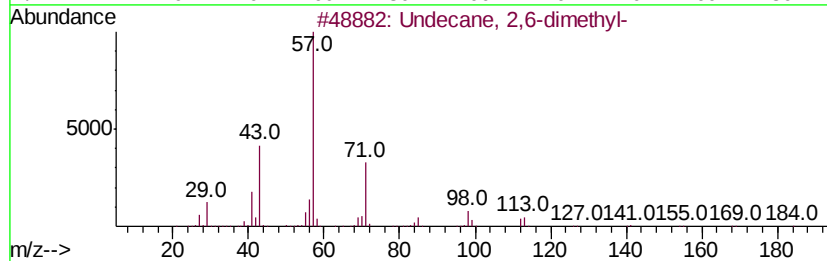
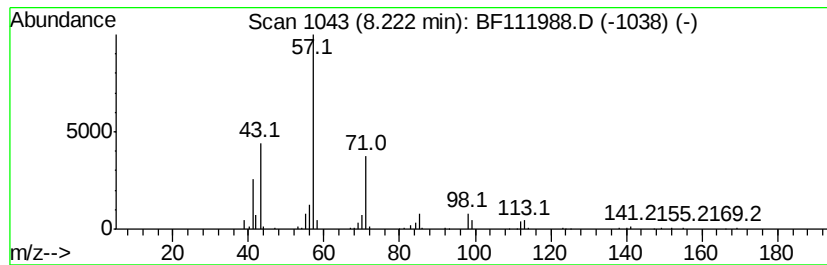
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	7.27 ng	286644	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	78
2	Decane, 2,5,9-trimethyl-		184	C13H28	062108-22-9	72
3	2,2-Dimethyl-3-octanone		156	C10H20O	005340-64-7	59
4	Tetradecane, 6,9-dimethyl-		226	C16H34	055045-13-1	59
5	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
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Instrument :
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ClientSampleId :
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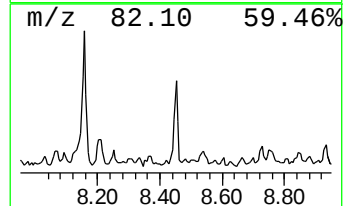
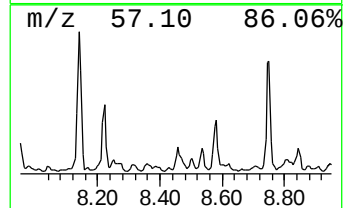
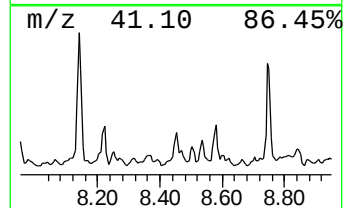
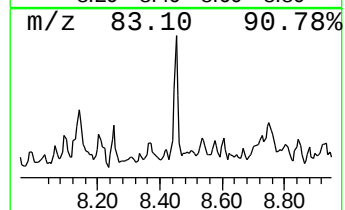
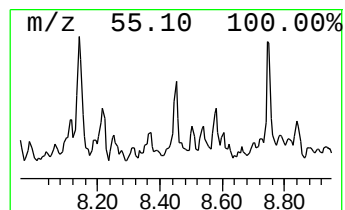
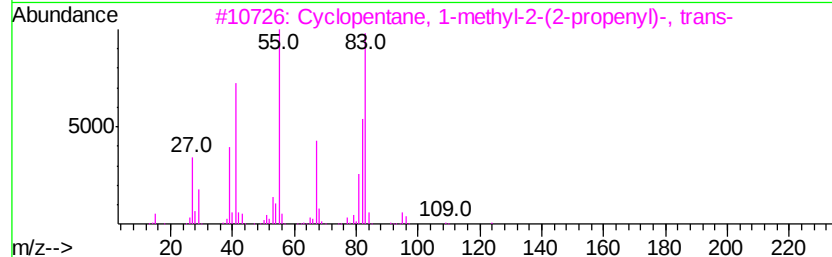
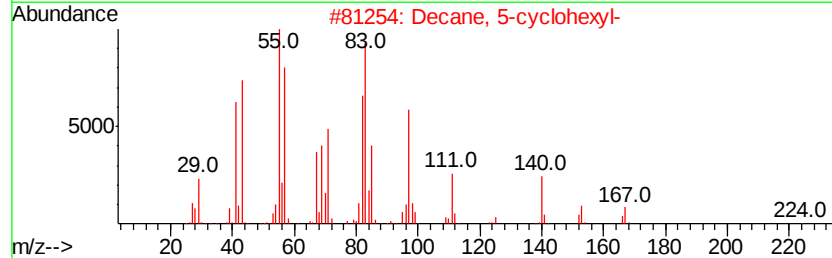
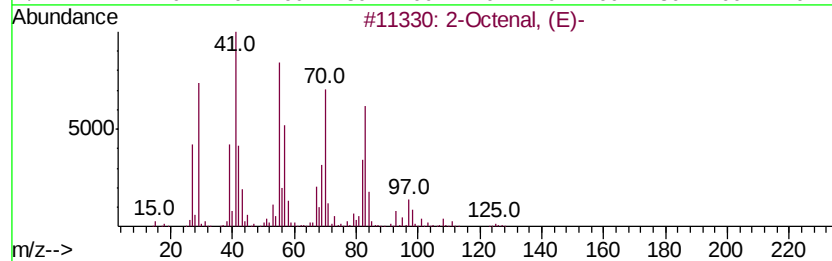
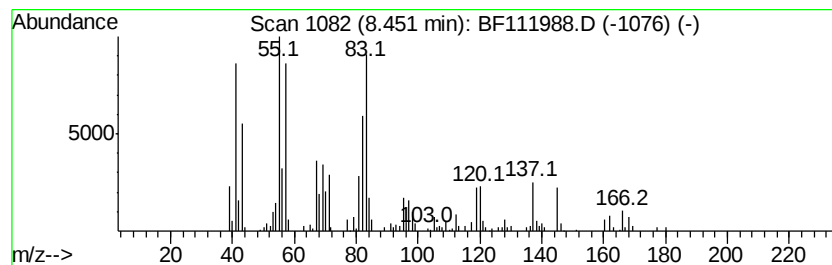
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	6.85 ng	270044	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	46
2			Decane, 5-cyclohexyl-	224	C16H32	013151-76-3	43
3			Cyclopentane, 1-methyl-2-(2-propenyl)-, trans-	124	C9H16	050746-53-7	38
4			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
5			Acetic acid, mercapto-, cyclohexyl-	174	C8H14O2S	016849-98-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Sample : K1005-05
Misc :
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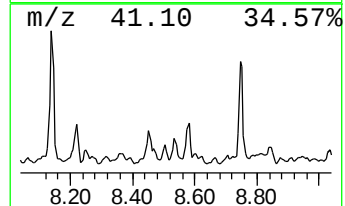
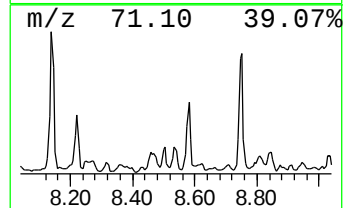
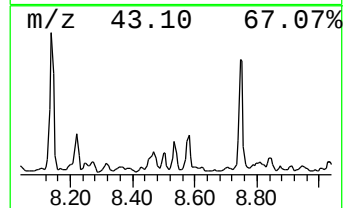
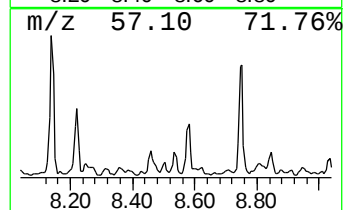
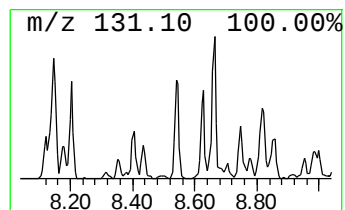
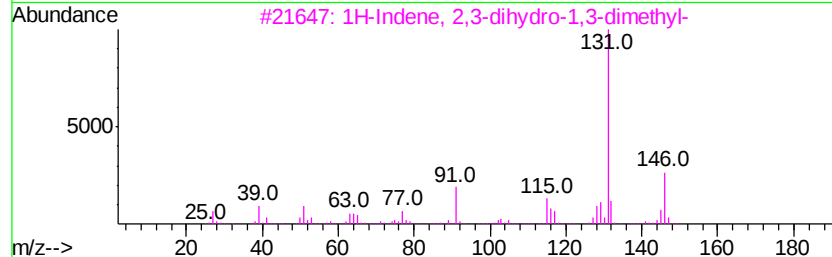
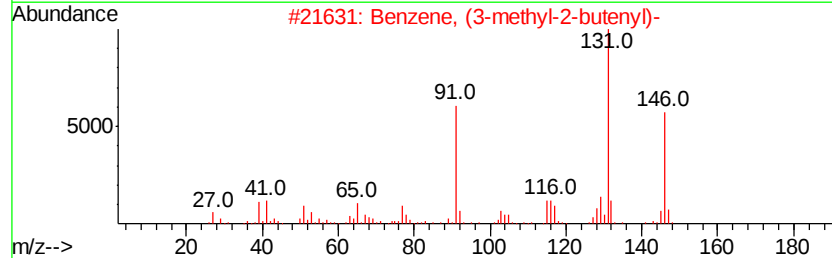
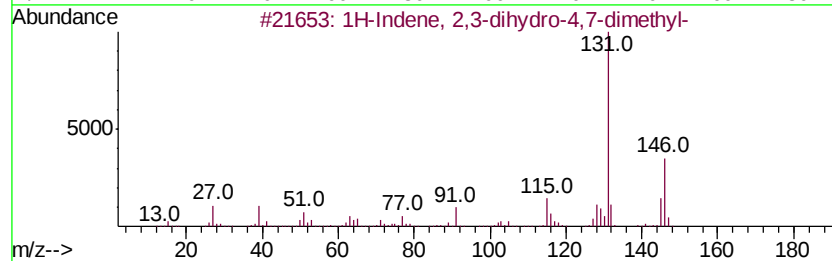
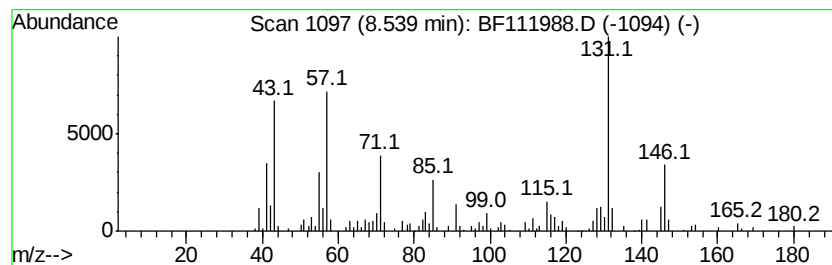
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	4.50 ng	177360	Napthalene-d8	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 93
2		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 90
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 83
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 83
5		Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
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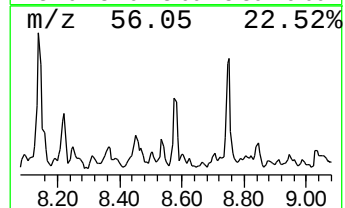
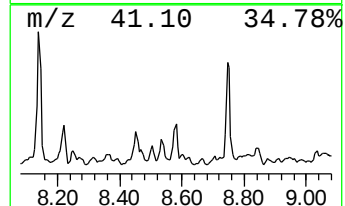
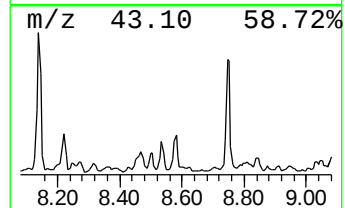
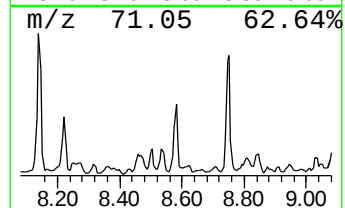
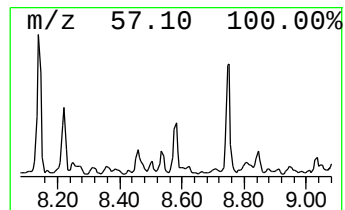
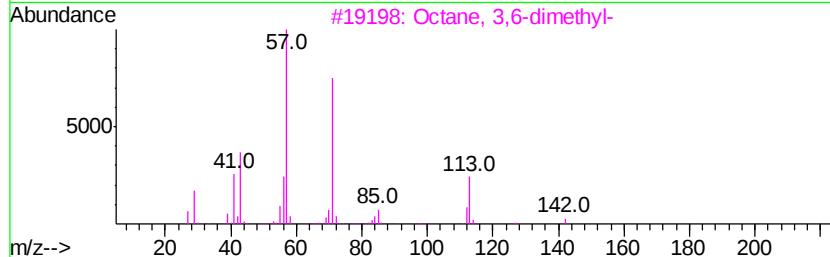
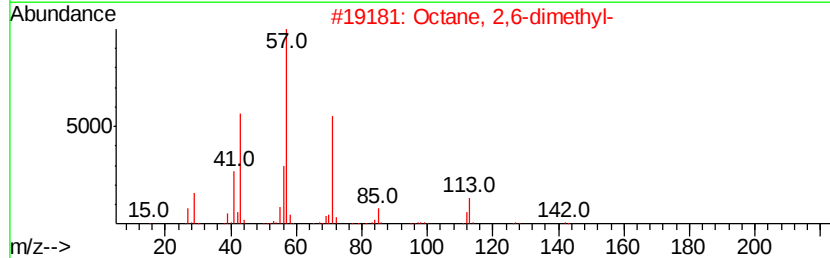
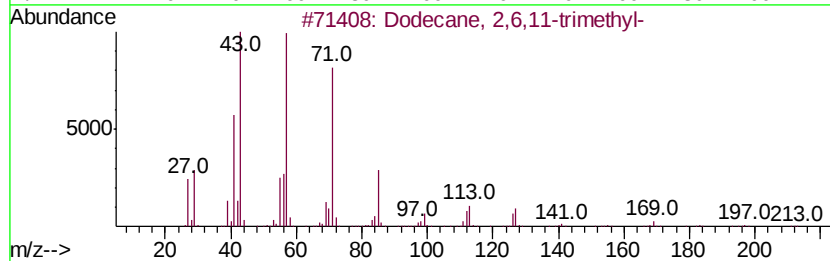
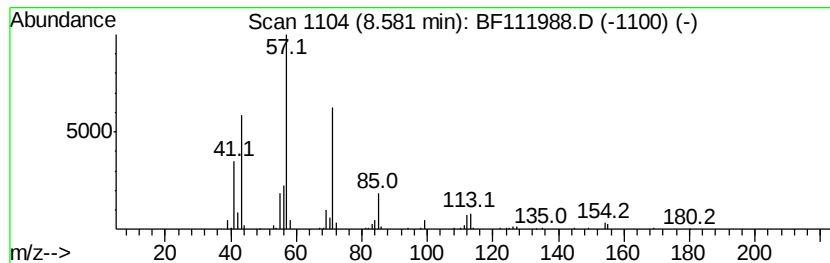
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	4.49 ng	176930	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

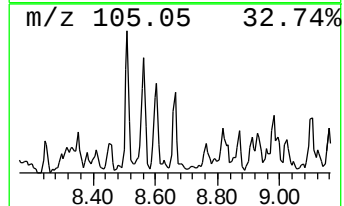
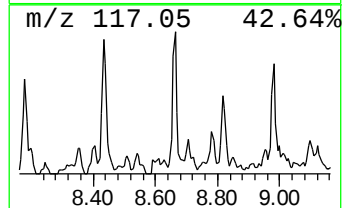
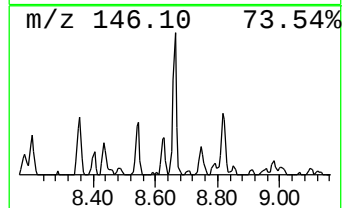
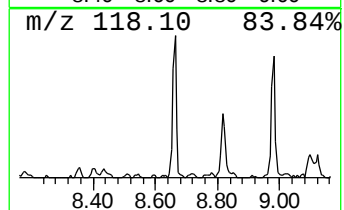
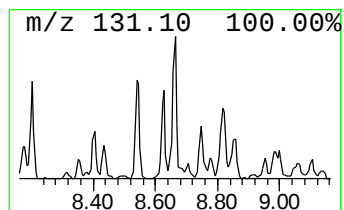
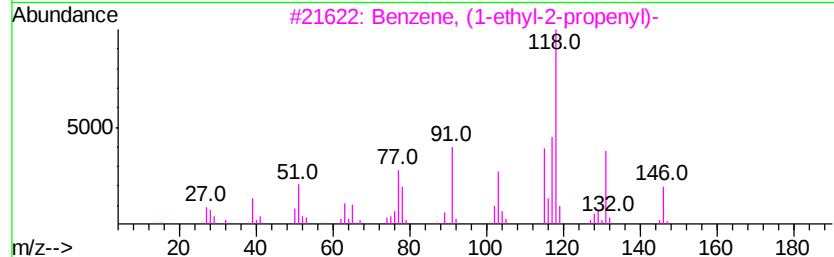
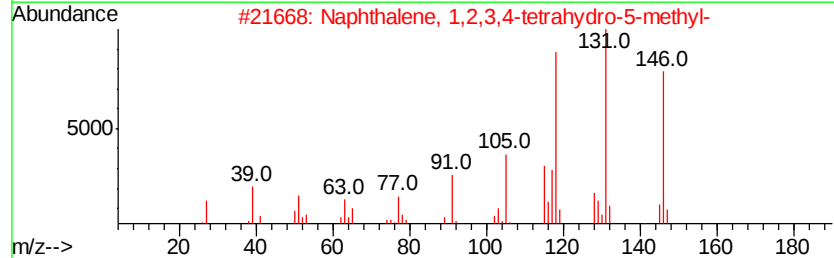
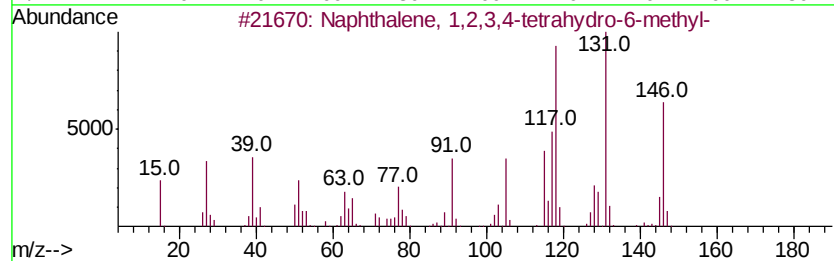
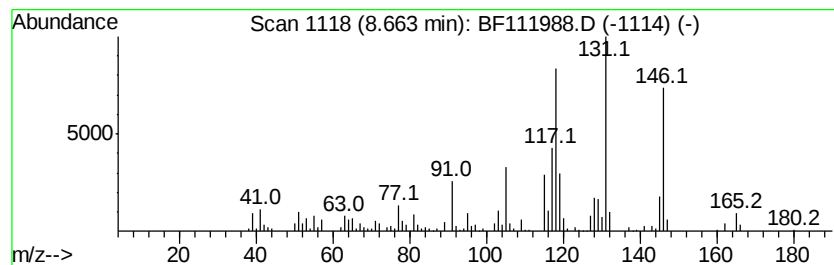
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	4.91 ng	193667	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010918-C

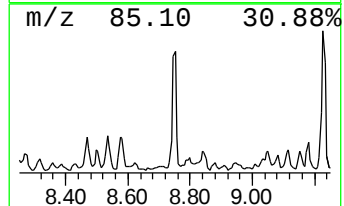
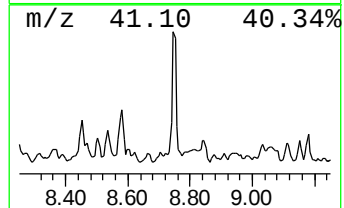
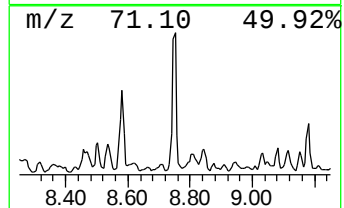
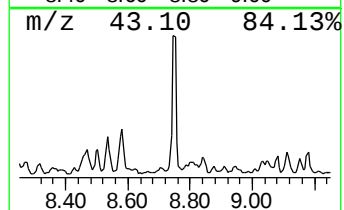
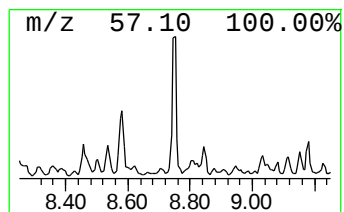
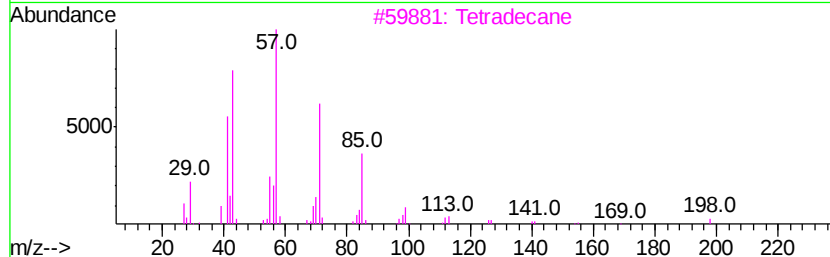
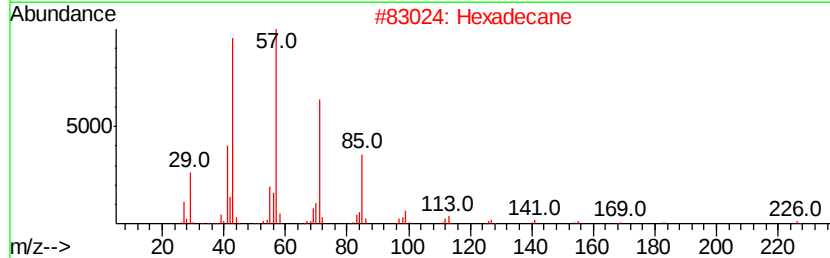
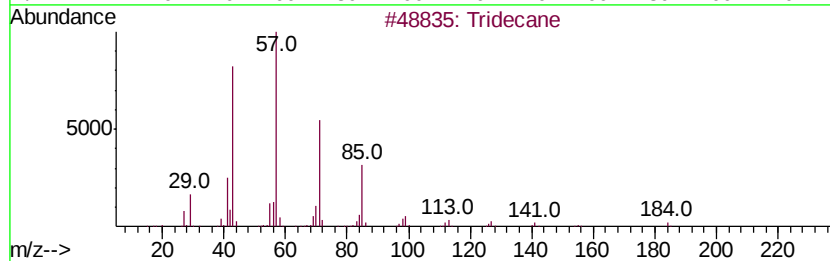
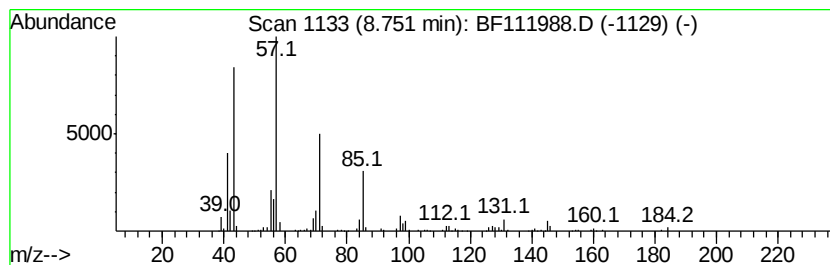
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	13.00 ng	512341	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tetradecane	198	C14H30	000629-59-4	80
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010918-C

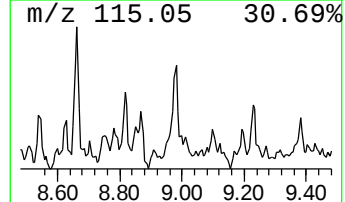
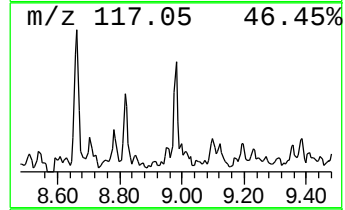
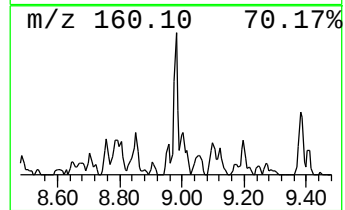
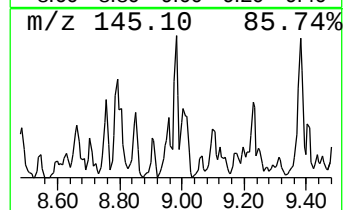
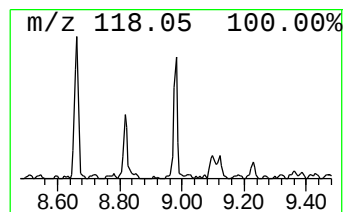
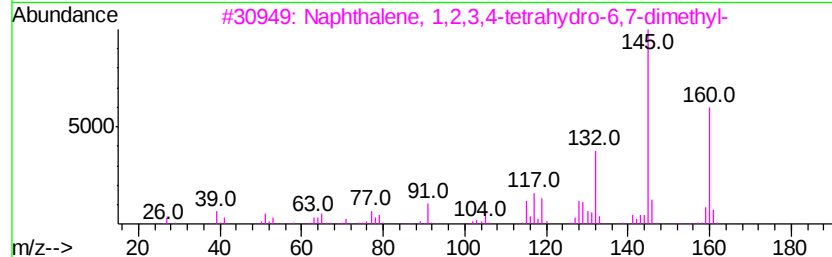
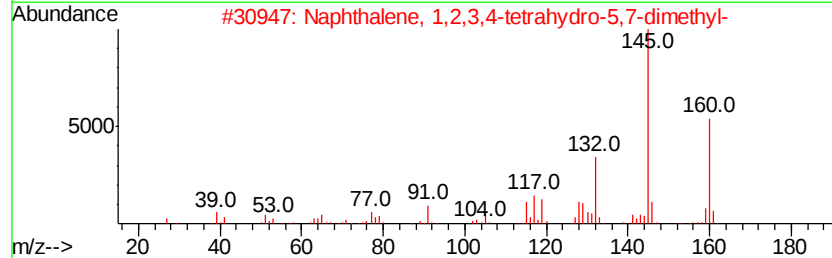
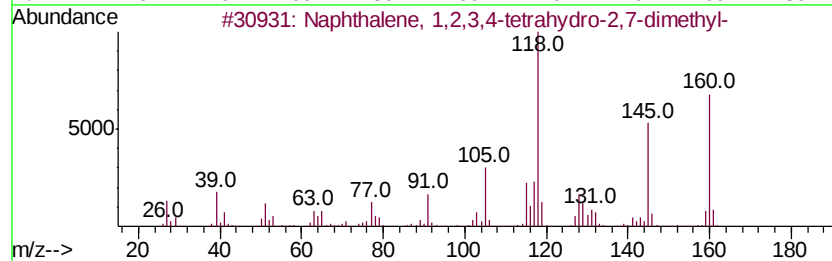
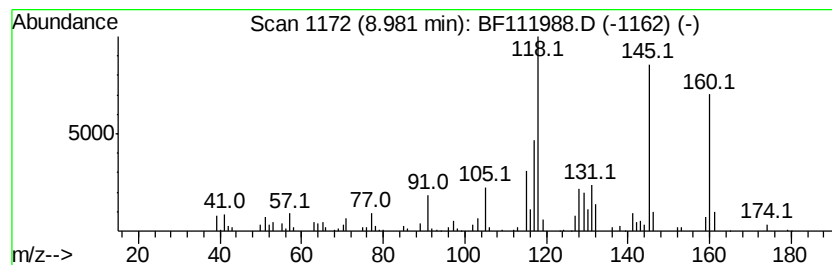
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	5.64 ng	222344	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	83
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
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Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010918-C

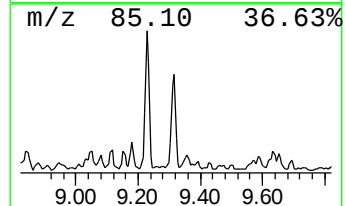
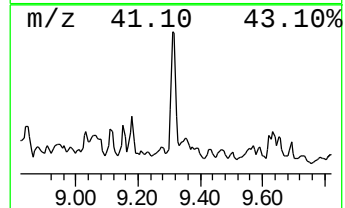
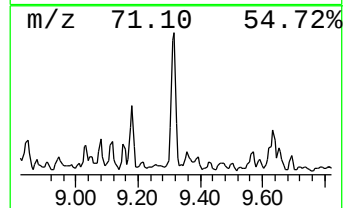
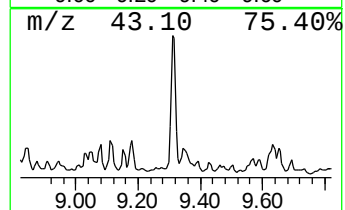
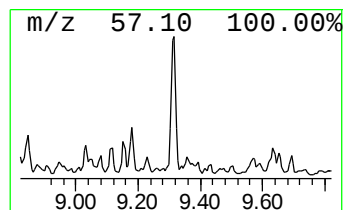
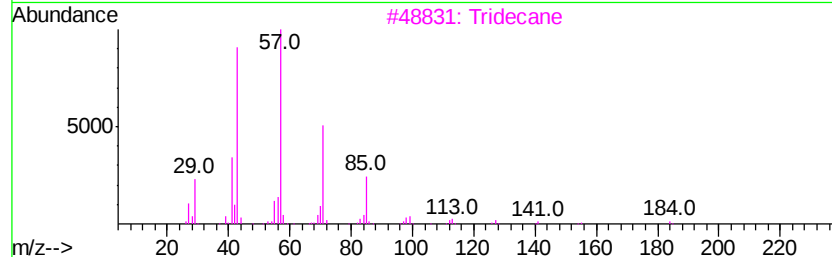
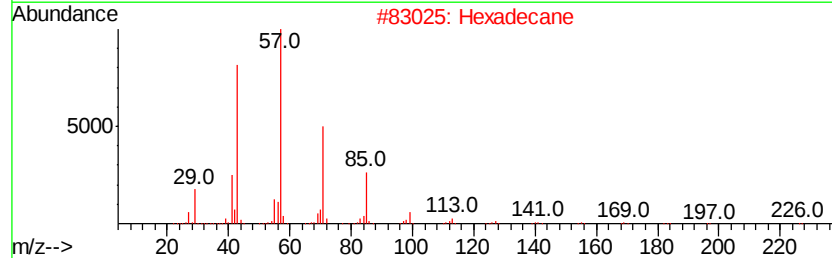
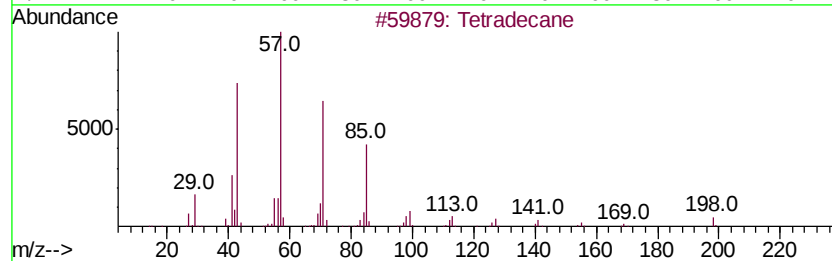
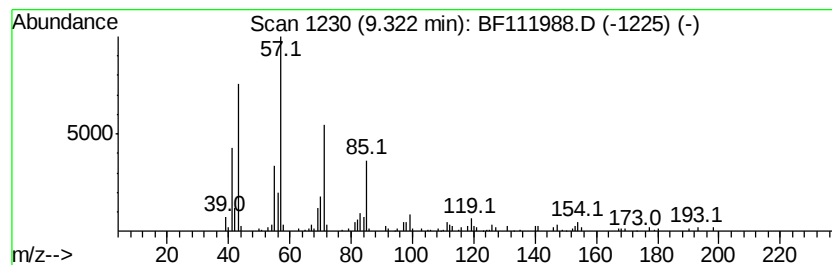
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	8.51 ng	376828	Acenaphthene-d10	9.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane	184	C13H28	000629-50-5	86
4			Undecane	156	C11H24	001120-21-4	86
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

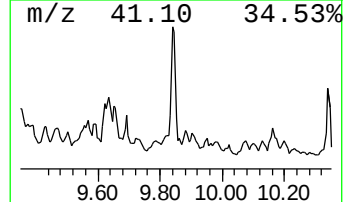
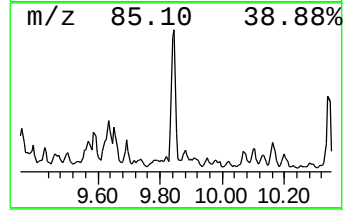
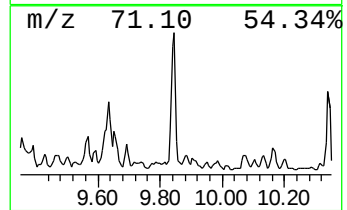
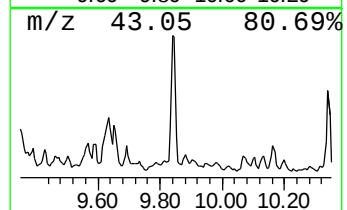
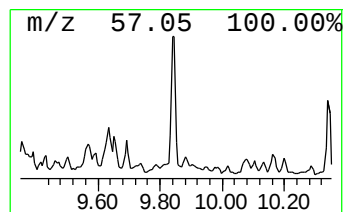
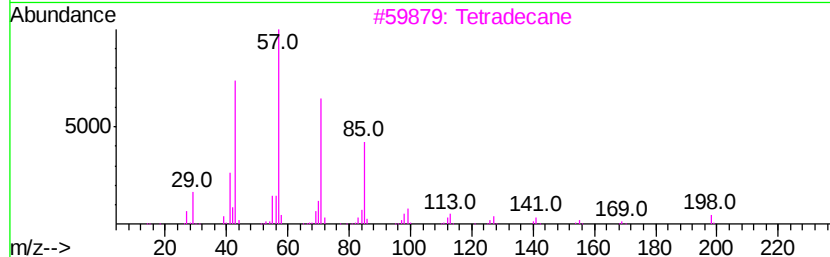
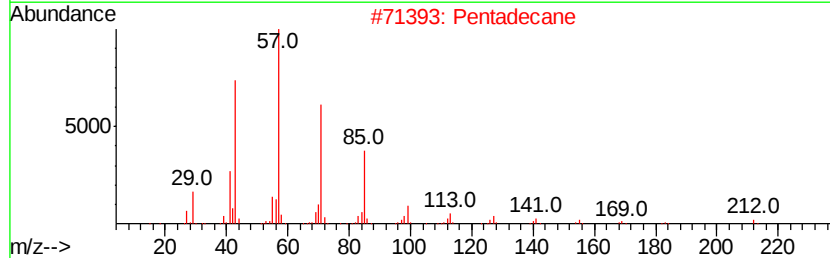
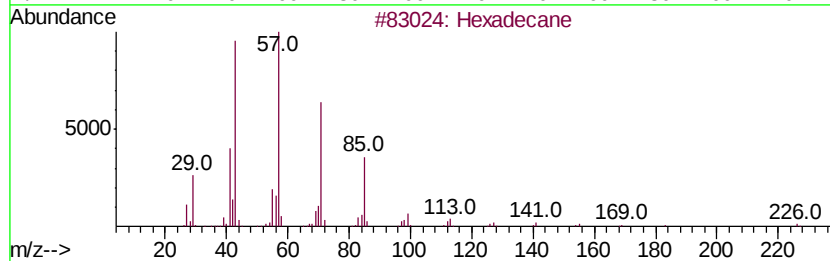
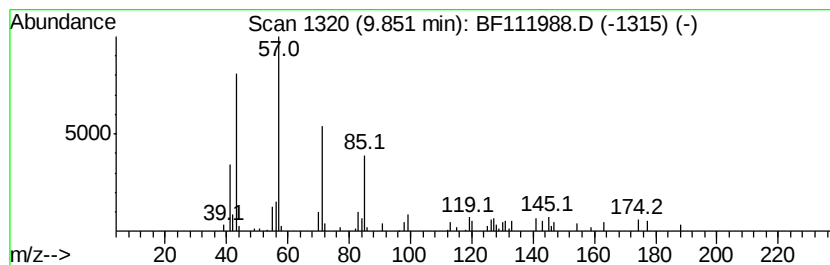
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.85	4.65 ng	206028	Acenaphthene-d10	9.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	5-Ethyldecane	170	C12H26	017302-36-2	78
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Misc :
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ClientSampleId :
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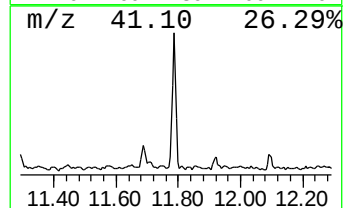
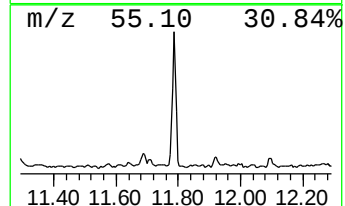
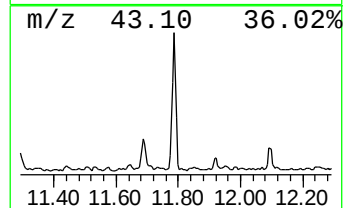
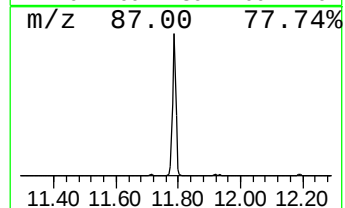
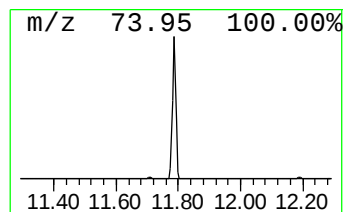
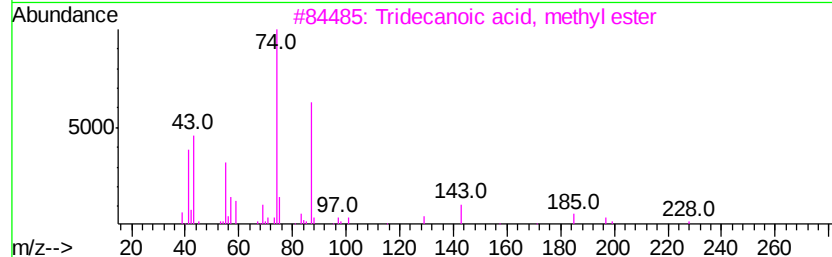
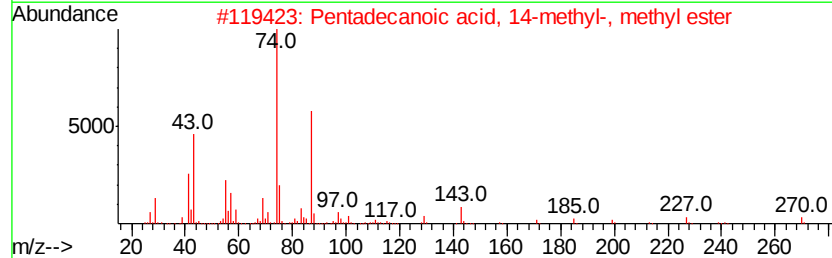
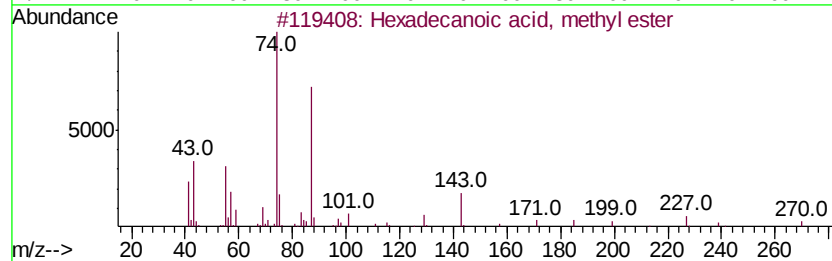
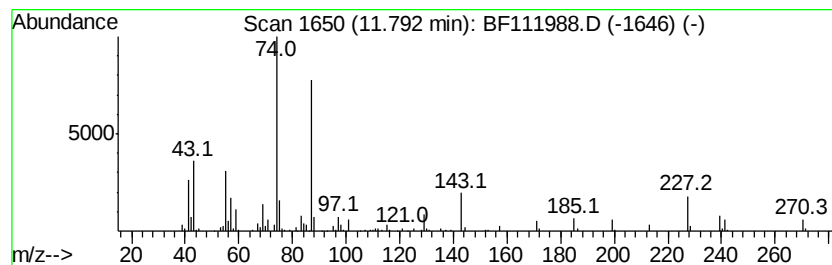
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.29 ng	413148	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

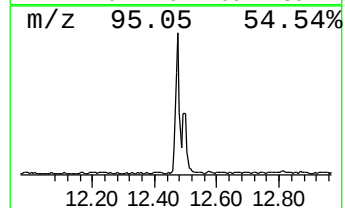
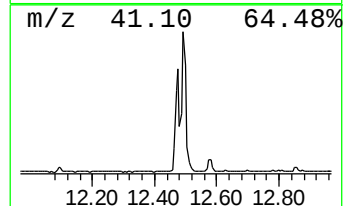
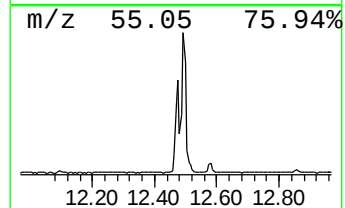
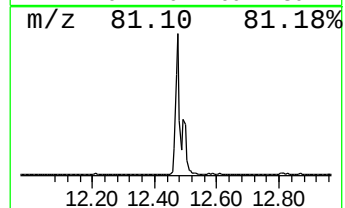
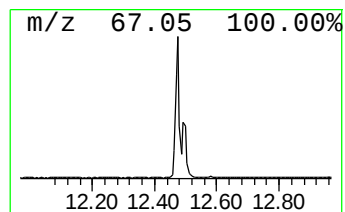
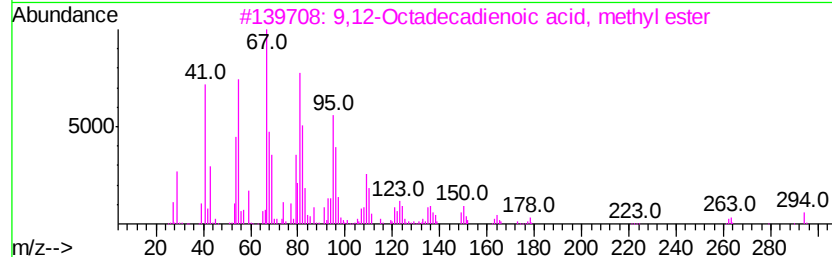
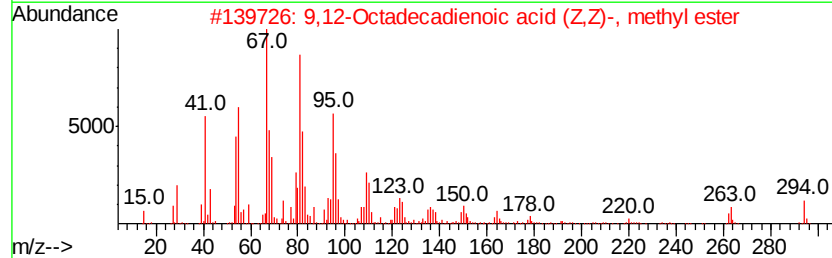
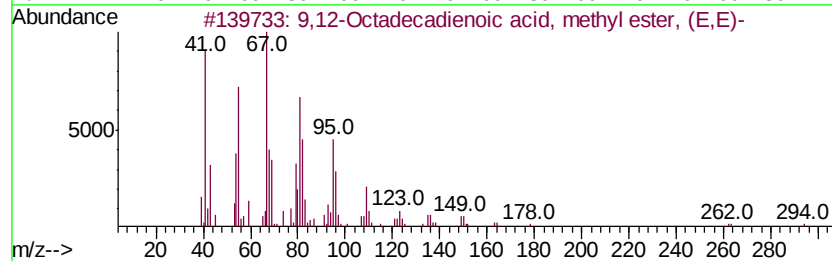
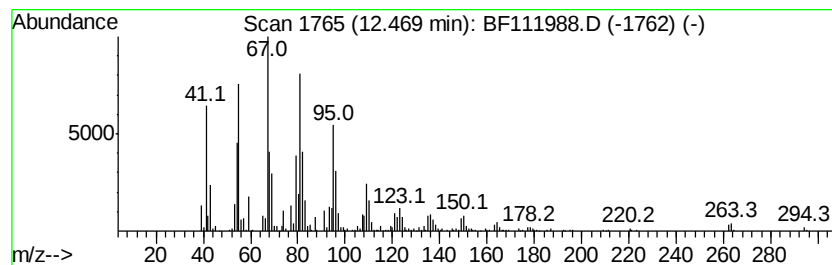
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	30.76 ng	1125830	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111988.D
 Acq On : 10 Jan 2019 15:39
 Operator : JU/SJ
 Sample : K1005-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010918-C

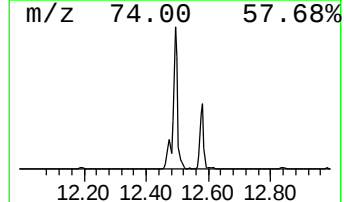
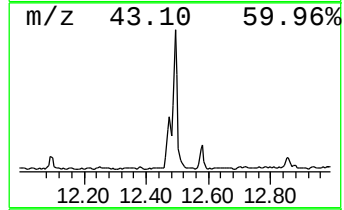
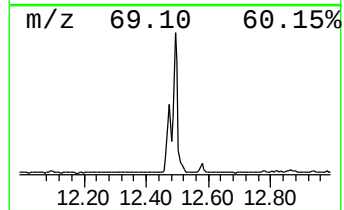
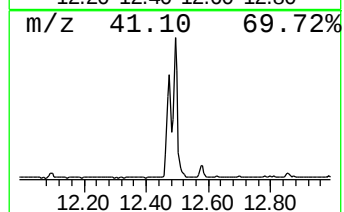
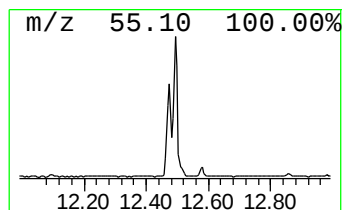
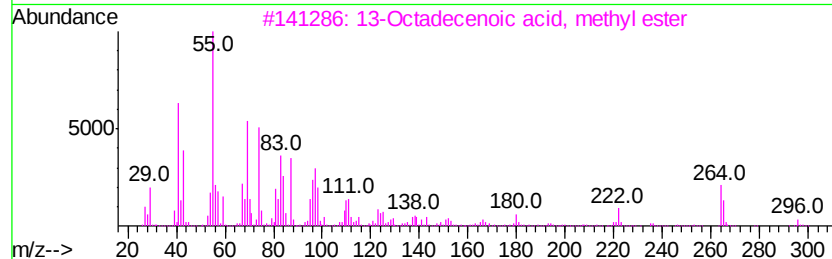
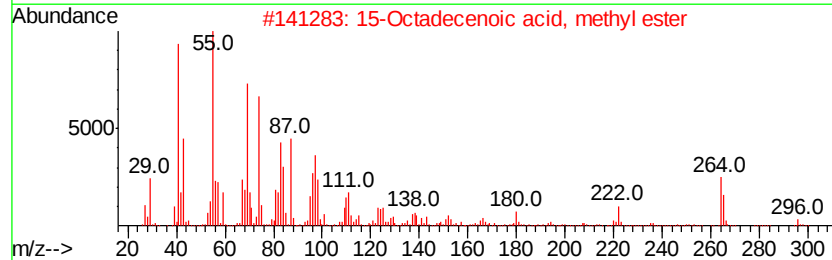
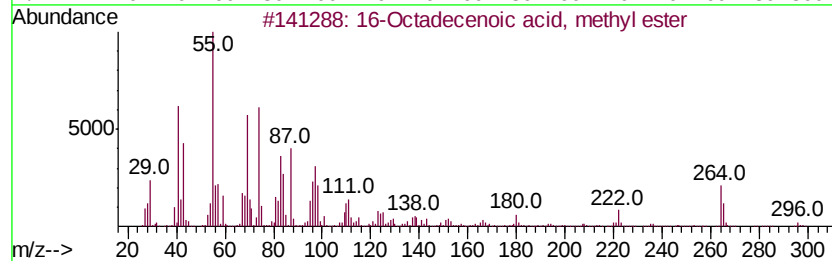
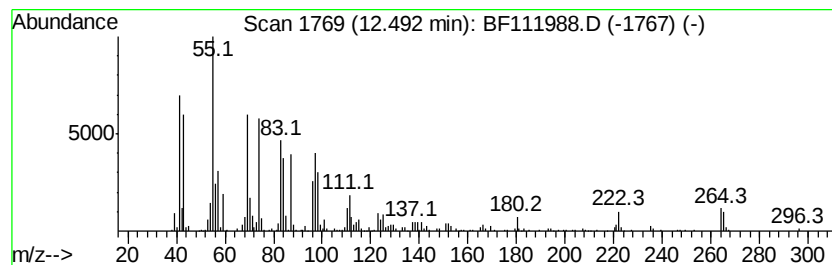
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 20 16-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	39.71 ng	1453350	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF111988.D
 Acq On : 10 Jan 2019 15:39
 Operator : JU/SJ
 Sample : K1005-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010918-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.65	6.65	43.9	ng	1915320	1	6.87	873234	20.0
Decane	6.72	15.5	ng	677833	1	6.87	873234	20.0
Benzene, 1-methyl...	7.15	4.7	ng	203501	1	6.87	873234	20.0
Octane, 3-ethyl-2...	7.26	5.0	ng	220067	1	6.87	873234	20.0
unknown7.52	7.52	4.5	ng	175943	2	8.16	788087	20.0
Heptacosane	7.91	8.1	ng	317889	2	8.16	788087	20.0
Undecane, 2,6-dim...	8.22	7.3	ng	286644	2	8.16	788087	20.0
unknown8.45	8.45	6.8	ng	270044	2	8.16	788087	20.0
1H-Indene, 2,3-di...	8.54	4.5	ng	177360	2	8.16	788087	20.0
Dodecane, 2,6,11-...	8.58	4.5	ng	176930	2	8.16	788087	20.0
Naphthalene, 1,2,...	8.66	4.9	ng	193667	2	8.16	788087	20.0
Tridecane	8.75	13.0	ng	512341	2	8.16	788087	20.0
Naphthalene, 1,2,...	8.98	5.6	ng	222344	2	8.16	788087	20.0
Tetradecane	9.32	8.5	ng	376828	3	9.91	885986	20.0
Hexadecane	9.85	4.7	ng	206028	3	9.91	885986	20.0
Hexadecanoic acid...	11.79	11.3	ng	413148	4	11.40	731916	20.0
9,12-Octadecadien...	12.47	30.8	ng	1125830	4	11.40	731916	20.0
16-Octadecenoic a...	12.49	39.7	ng	1453350	4	11.40	731916	20.0