

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122462.D
 Acq On : 23 Nov 2020 23:03
 Operator : JU/CG
 Sample : L4836-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SL-02

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122462.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	13	rVB	322757	425611	11.24%	0.481%
2	5.075	502	508	524	rVB	1271372	1384676	36.57%	1.564%
3	5.487	571	578	581	rBV	2747718	2423614	64.00%	2.738%
4	6.398	730	733	736	rBV	220282	232942	6.15%	0.263%
5	6.498	746	750	756	rVV	2601598	2448895	64.67%	2.767%
6	6.610	765	769	774	rBV5	150533	292442	7.72%	0.330%
7	6.704	781	785	788	rBV	798003	684124	18.07%	0.773%
8	6.863	809	812	814	rVV	1019486	982084	25.94%	1.110%
9	6.881	814	815	820	rVB2	541820	454740	12.01%	0.514%
10	6.928	820	823	827	rBV3	288106	301348	7.96%	0.340%
11	7.016	835	838	842	rVB2	528983	474970	12.54%	0.537%
12	7.145	857	860	863	rVB2	693918	662538	17.50%	0.749%
13	7.181	863	866	869	rBV2	434317	590643	15.60%	0.667%
14	7.210	869	871	875	rVB2	489081	405573	10.71%	0.458%
15	7.263	876	880	883	rBV3	733481	796653	21.04%	0.900%
16	7.357	890	896	898	rBV2	143062	212518	5.61%	0.240%
17	7.404	899	904	905	rBV2	656933	731929	19.33%	0.827%
18	7.428	905	908	910	rVV	1633291	1436660	37.94%	1.623%
19	7.451	910	912	913	rVV	258058	221798	5.86%	0.251%
20	7.469	913	915	919	rVB	2180311	1681701	44.41%	1.900%
21	7.522	919	924	927	rVB4	627411	860720	22.73%	0.972%
22	7.557	927	930	931	rBV2	330974	352950	9.32%	0.399%
23	7.581	932	934	937	rVB2	351237	351109	9.27%	0.397%
24	7.628	939	942	944	rBV2	207083	255805	6.76%	0.289%
25	7.657	944	947	948	rVV	432796	413542	10.92%	0.467%
26	7.681	948	951	953	rVB2	571287	593597	15.68%	0.671%
27	7.757	961	964	965	rBV3	332426	285091	7.53%	0.322%
28	7.775	965	967	969	rVV2	533289	449235	11.86%	0.508%
29	7.798	969	971	975	rVB4	574381	641868	16.95%	0.725%
30	7.839	975	978	981	rVB2	621393	651079	17.19%	0.736%
31	7.875	981	984	985	rBV2	728559	632876	16.71%	0.715%
32	7.904	985	989	994	rVB4	723844	1420370	37.51%	1.605%
33	7.951	994	997	999	rBV	614218	560830	14.81%	0.634%
34	7.975	999	1001	1003	rVV2	349071	292595	7.73%	0.331%
35	8.028	1007	1010	1013	rBV2	390938	529935	13.99%	0.599%
36	8.110	1018	1024	1026	rBV5	472436	833730	22.02%	0.942%

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37	8.139	1026	1029	1035	rVV3	3067824	3786638	100.00%	4.278%
38	8.222	1038	1043	1045	rVB	1580002	1880484	49.66%	2.125%
39	8.245	1045	1047	1050	rBV2	638594	619393	16.36%	0.700%
40	8.310	1055	1058	1060	rBV4	382749	448949	11.86%	0.507%
41	8.351	1063	1065	1069	rVB2	568476	758183	20.02%	0.857%
42	8.398	1069	1073	1076	rBV4	284385	349610	9.23%	0.395%
43	8.451	1077	1082	1084	rBV4	1081106	1273186	33.62%	1.438%
44	8.504	1089	1091	1094	rVV3	913150	936086	24.72%	1.058%
45	8.534	1094	1096	1100	rVV3	1051307	1345989	35.55%	1.521%
46	8.581	1100	1104	1106	rVV	2153881	2135255	56.39%	2.412%
47	8.598	1106	1107	1109	rVV	765193	622042	16.43%	0.703%
48	8.622	1109	1111	1114	rVV3	668926	686578	18.13%	0.776%
49	8.663	1115	1118	1120	rVV2	1037021	1047170	27.65%	1.183%
50	8.704	1120	1125	1126	rVV3	605674	827512	21.85%	0.935%
51	8.751	1130	1133	1137	rVV	3225180	3328740	87.91%	3.761%
52	8.786	1137	1139	1141	rVV2	622514	809591	21.38%	0.915%
53	8.816	1141	1144	1146	rVV2	1044289	1328647	35.09%	1.501%
54	8.845	1146	1149	1152	rVV4	989064	1324562	34.98%	1.496%
55	8.875	1152	1154	1156	rVV3	231637	249315	6.58%	0.282%
56	8.910	1157	1160	1162	rVV3	414300	476562	12.59%	0.538%
57	8.945	1162	1166	1168	rVV4	413817	785276	20.74%	0.887%
58	8.981	1169	1172	1175	rVV	1264110	1460530	38.57%	1.650%
59	9.034	1179	1181	1183	rVV2	796363	893333	23.59%	1.009%
60	9.069	1185	1187	1191	rVV3	730334	1198032	31.64%	1.353%
61	9.116	1191	1195	1198	rVV3	969835	1483348	39.17%	1.676%
62	9.157	1199	1202	1203	rVV	761452	697889	18.43%	0.788%
63	9.181	1203	1206	1211	rVV2	1840118	2150060	56.78%	2.429%
64	9.233	1211	1215	1217	rVV	2949159	2709722	71.56%	3.061%
65	9.275	1220	1222	1224	rVV2	335986	303618	8.02%	0.343%
66	9.316	1225	1229	1233	rVV	2813971	2940860	77.66%	3.322%
67	9.357	1234	1236	1238	rVV3	447212	573940	15.16%	0.648%
68	9.386	1238	1241	1244	rVV2	778999	966672	25.53%	1.092%
69	9.433	1247	1249	1252	rVB3	249101	201069	5.31%	0.227%
70	9.551	1266	1269	1270	rBV2	265232	289521	7.65%	0.327%
71	9.569	1270	1272	1274	rVV2	451536	450738	11.90%	0.509%
72	9.592	1274	1276	1279	rVV2	589340	458540	12.11%	0.518%
73	9.639	1279	1284	1286	rVV3	1374248	1996556	52.73%	2.256%
74	9.657	1286	1287	1290	rVV2	718854	542974	14.34%	0.613%
75	9.692	1290	1293	1296	rVB2	603469	505208	13.34%	0.571%
76	9.845	1316	1319	1324	rVB	1898337	1504280	39.73%	1.699%

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77	9.886	1324	1326	1327	rVV	244298	216737	5.72%	0.245%
78	9.910	1327	1330	1333	rVB	1232889	1138647	30.07%	1.286%
79	10.075	1355	1358	1361	rVV3	228569	355024	9.38%	0.401%
80	10.104	1361	1363	1366	rVV3	263500	335211	8.85%	0.379%
81	10.169	1370	1374	1378	rVV5	357643	528296	13.95%	0.597%
82	10.233	1382	1385	1391	rBV6	134977	282765	7.47%	0.319%
83	10.345	1398	1404	1407	rBV	1026232	902521	23.83%	1.020%
84	10.569	1436	1442	1448	rVB	328260	435725	11.51%	0.492%
85	10.698	1459	1464	1468	rBV	1670165	1508892	39.85%	1.705%
86	10.816	1481	1484	1493	rVB	589823	770562	20.35%	0.871%
87	11.269	1558	1561	1563	rBV	305759	245852	6.49%	0.278%
88	11.398	1580	1583	1586	rBV	1209062	1048104	27.68%	1.184%
89	11.927	1670	1673	1677	rVV	365282	319210	8.43%	0.361%
90	12.504	1768	1771	1774	rVB2	398959	421041	11.12%	0.476%
91	12.616	1787	1790	1792	rBV	361086	272552	7.20%	0.308%
92	12.716	1804	1807	1814	rBV3	223895	282789	7.47%	0.319%
93	12.845	1824	1829	1831	rVV	353207	366029	9.67%	0.414%
94	12.992	1850	1854	1857	rBV	3093762	2874504	75.91%	3.248%
95	13.221	1891	1893	1899	rVV2	166711	208613	5.51%	0.236%
96	13.898	2005	2008	2018	rVB2	351863	427105	11.28%	0.483%
97	14.045	2029	2033	2036	rBV2	1325915	1366539	36.09%	1.544%
98	14.216	2059	2062	2068	rVB3	219723	229365	6.06%	0.259%
99	15.533	2282	2286	2289	rBV	777982	924828	24.42%	1.045%
100	16.257	2406	2409	2421	rVB	362759	735639	19.43%	0.831%

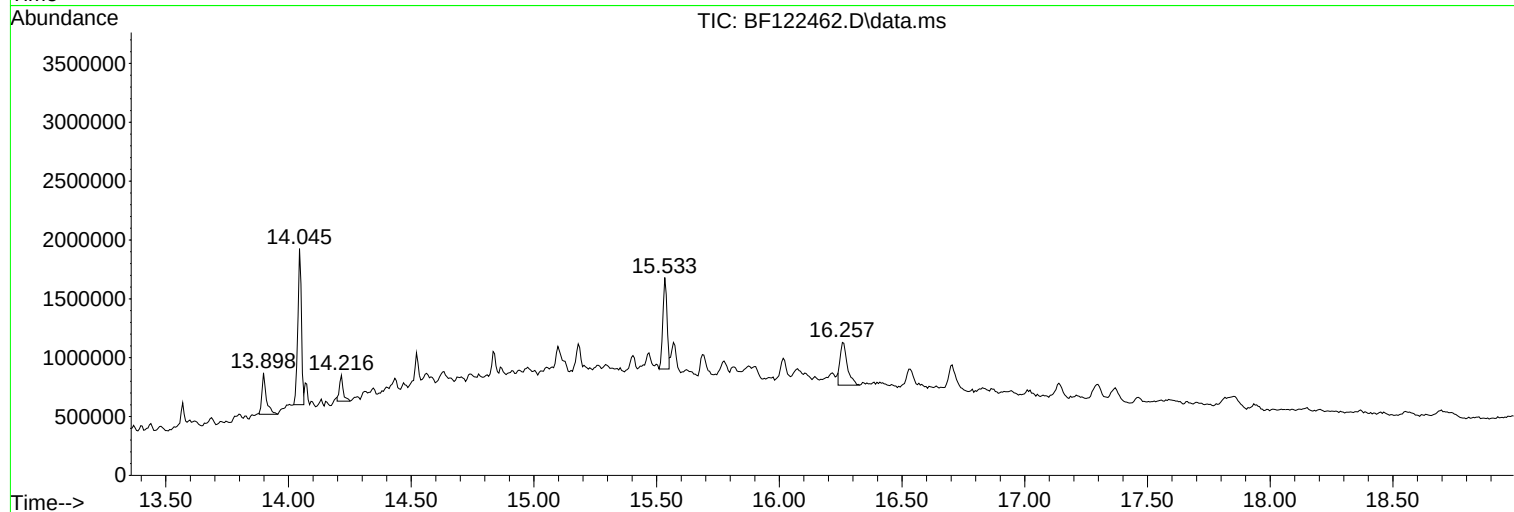
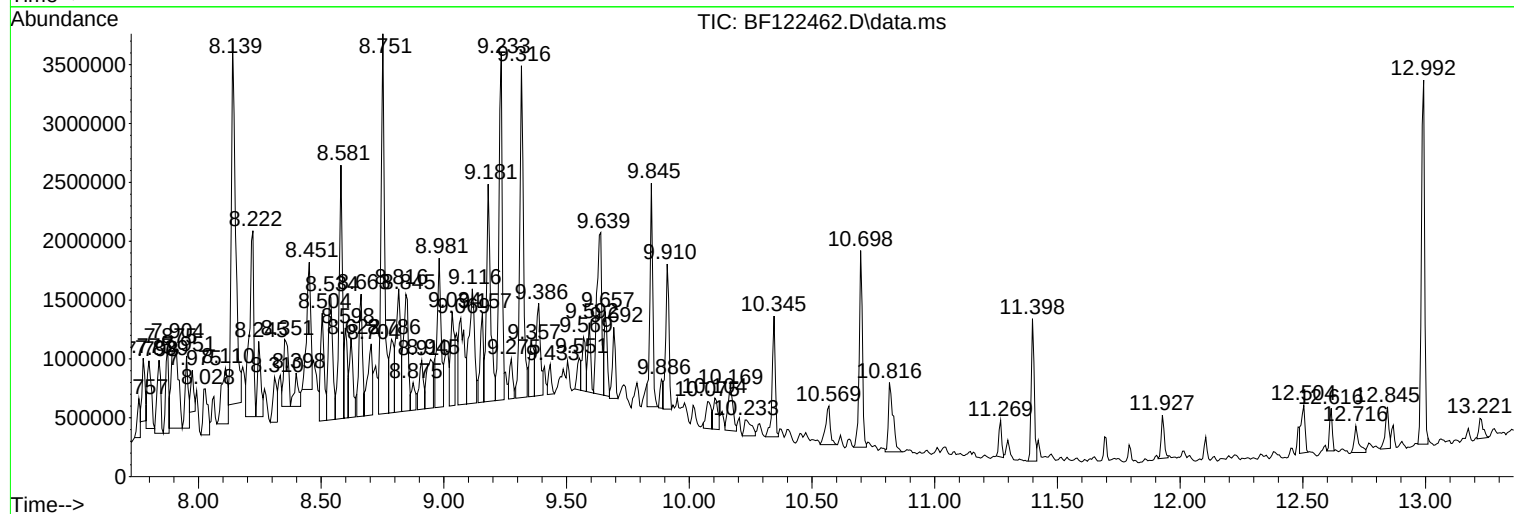
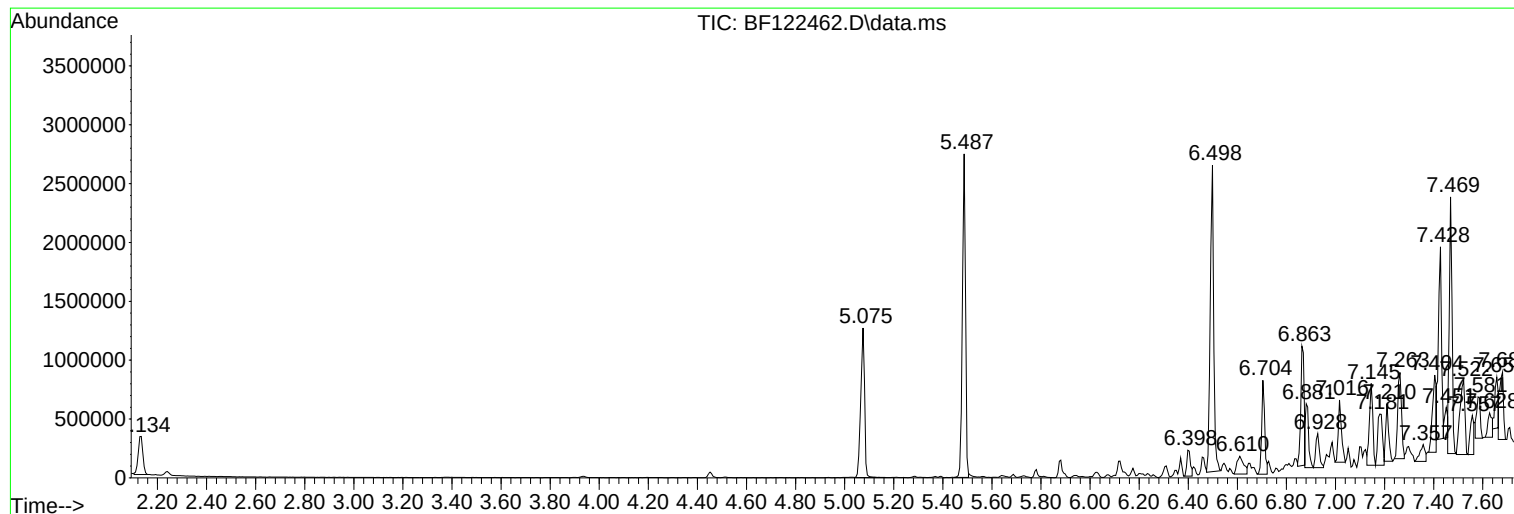
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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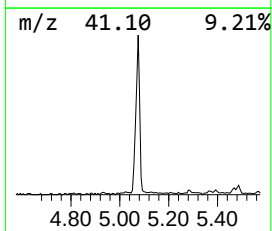
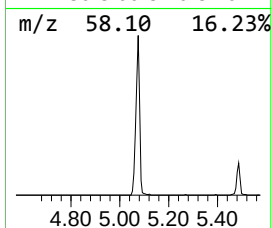
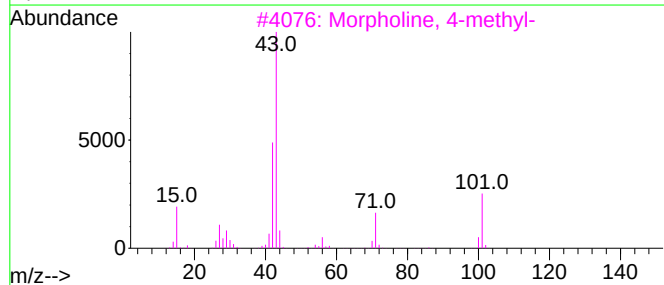
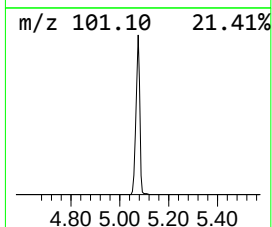
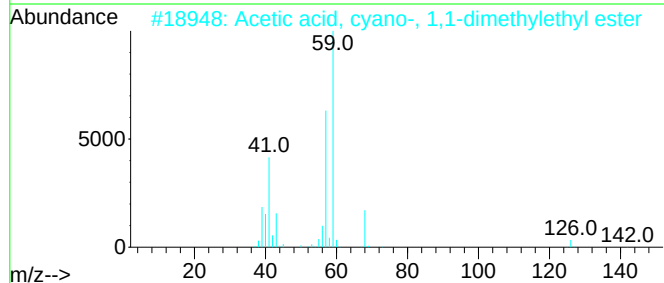
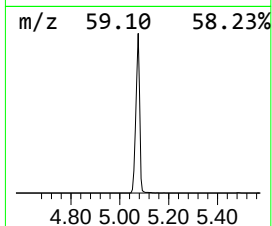
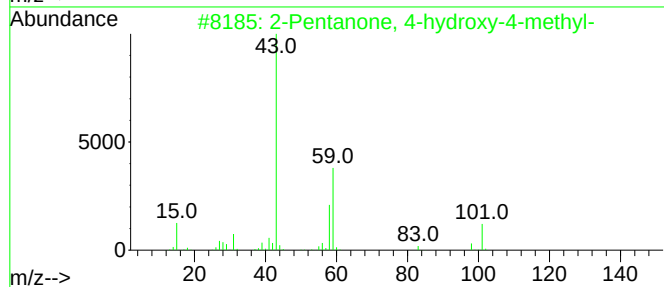
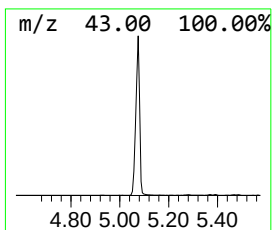
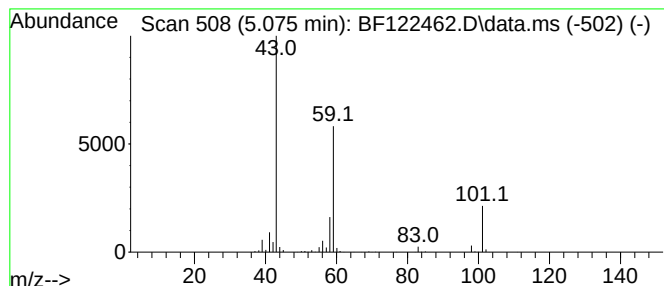
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	28.20 ng	1384680	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



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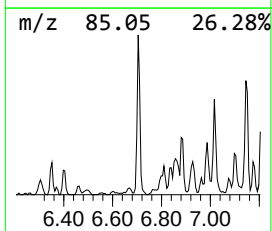
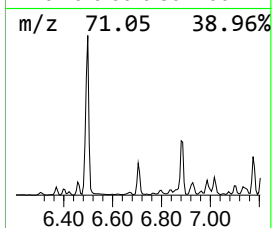
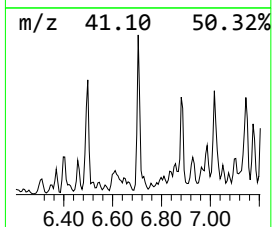
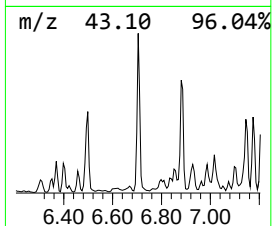
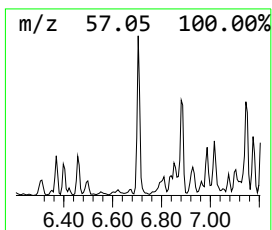
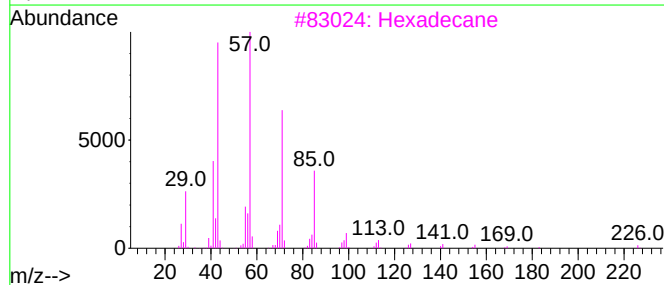
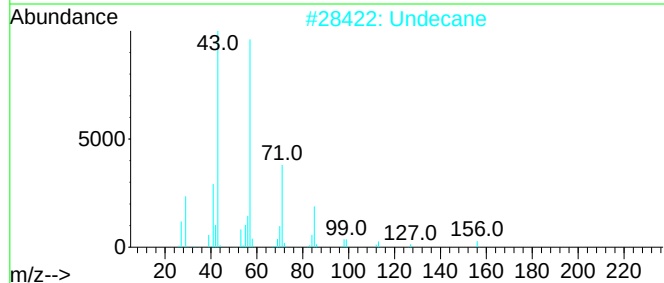
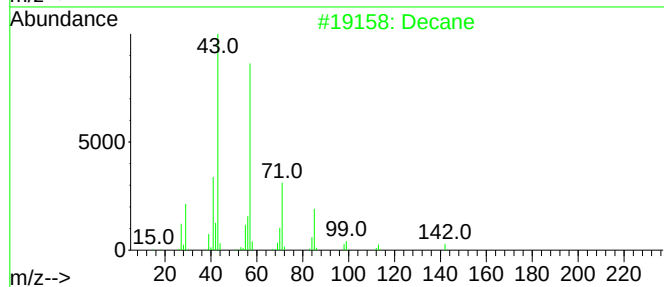
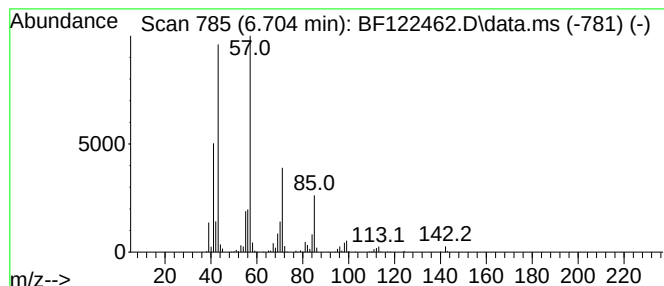
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	13.93 ng	684124	1,4-Dichlorobenzene-d4	6.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	95
2		Undecane	156	C11H24	001120-21-4	83
3		Hexadecane	226	C16H34	000544-76-3	78
4		Nonane	128	C9H20	000111-84-2	72
5		Octane	114	C8H18	000111-65-9	59



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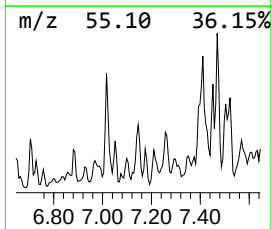
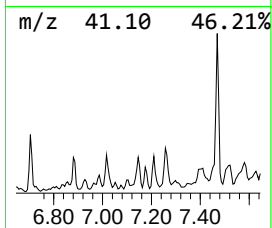
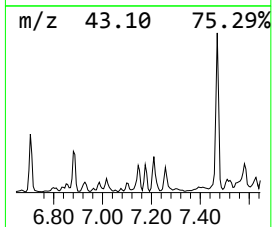
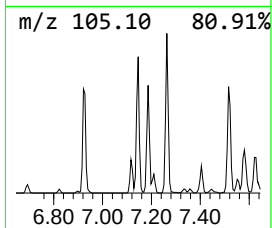
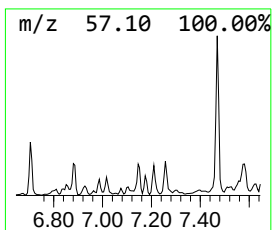
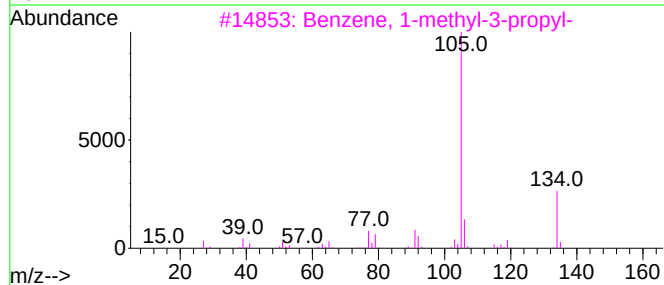
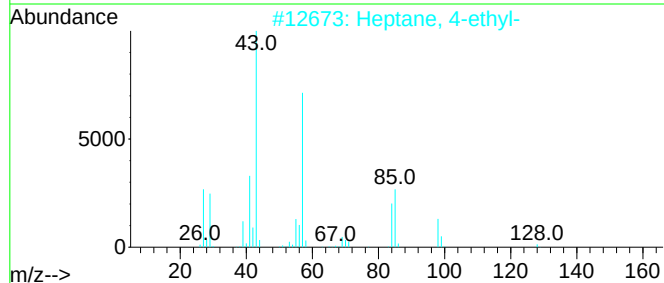
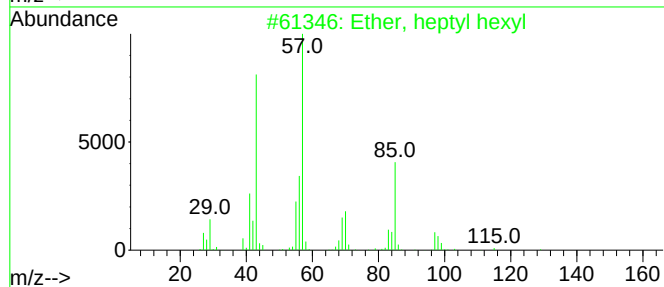
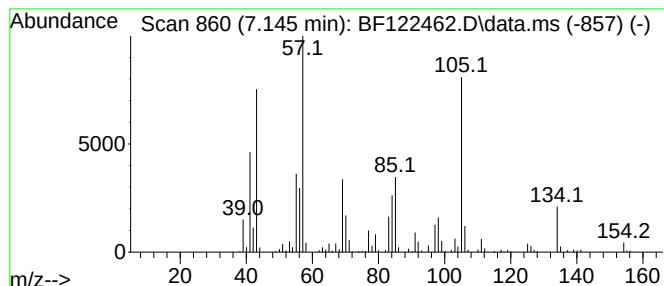
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.145 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	13.49 ng	662538	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

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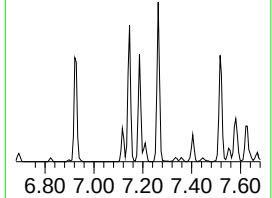
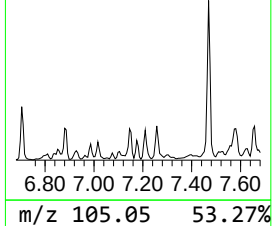
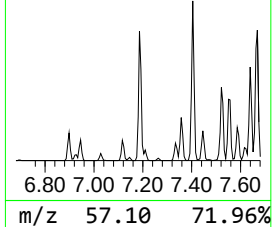
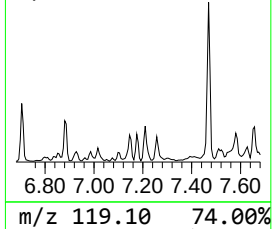
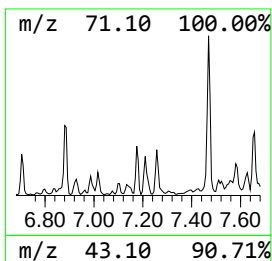
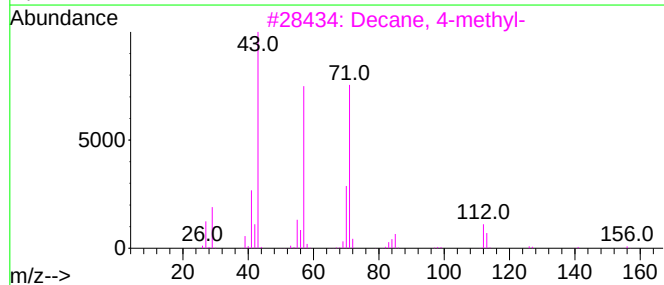
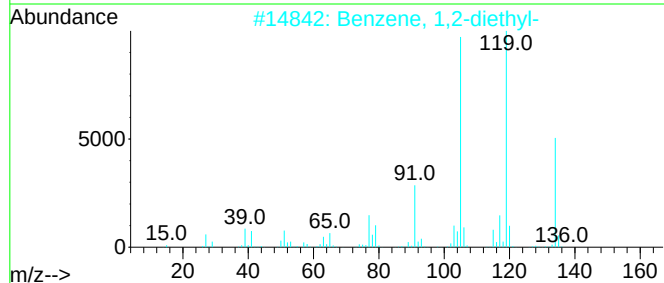
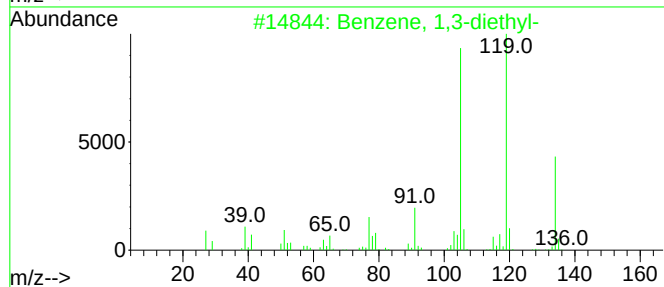
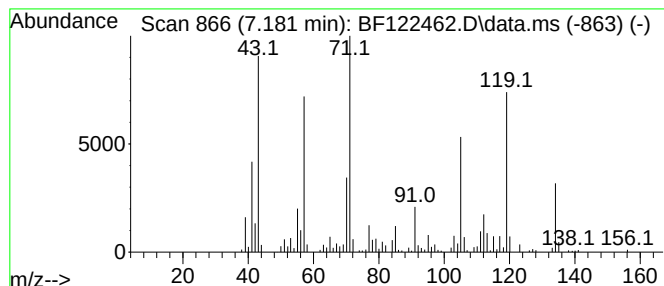
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	12.03 ng	590643	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3			Decane, 4-methyl-	156	C11H24	002847-72-5	50
4			p-Cymene	134	C10H14	000099-87-6	42
5			o-Cymene	134	C10H14	000527-84-4	42



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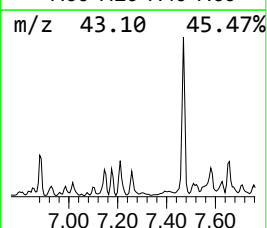
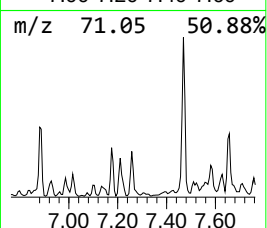
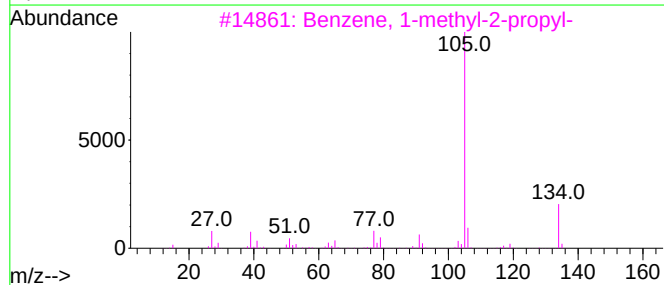
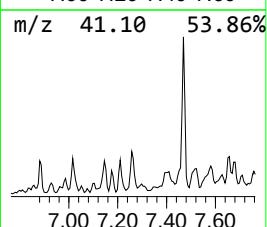
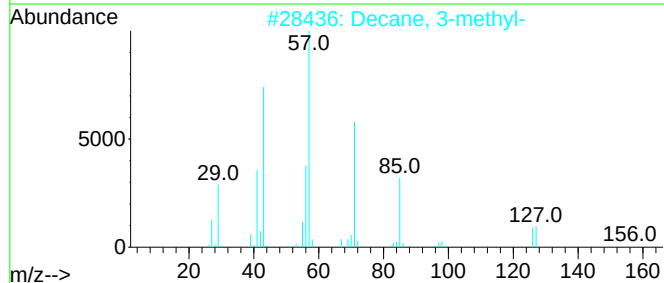
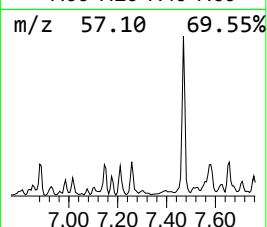
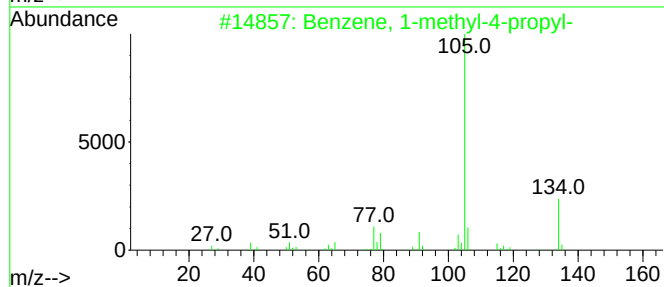
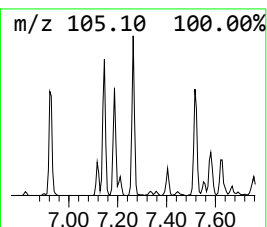
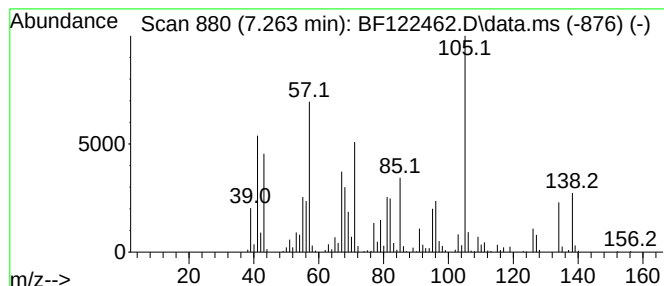
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	16.22 ng	796653	1,4-Dichlorobenzene-d4	6.869

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	30
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
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Sample : L4836-09
Misc :
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Instrument :
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ClientSampleId :
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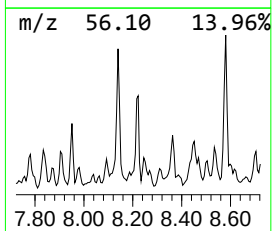
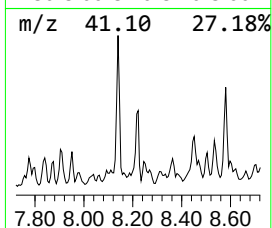
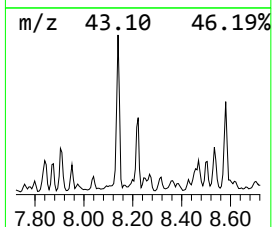
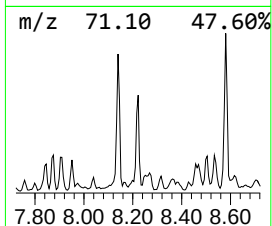
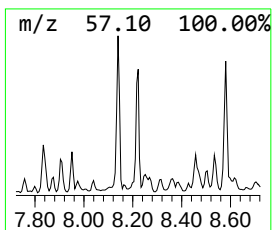
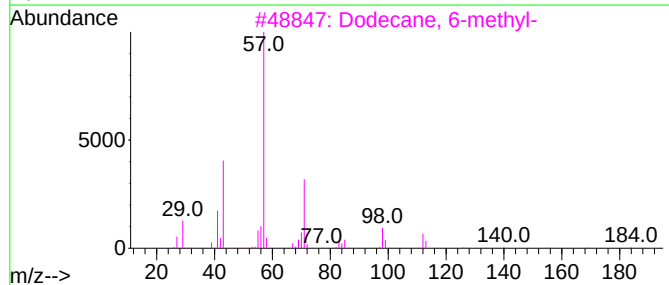
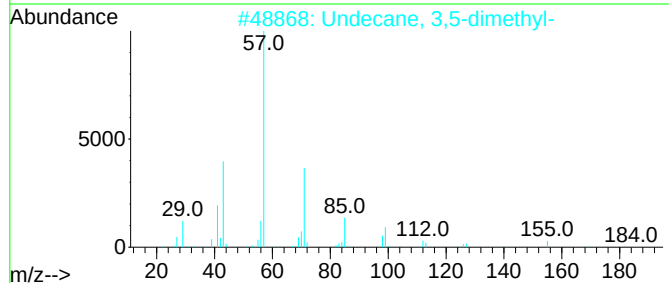
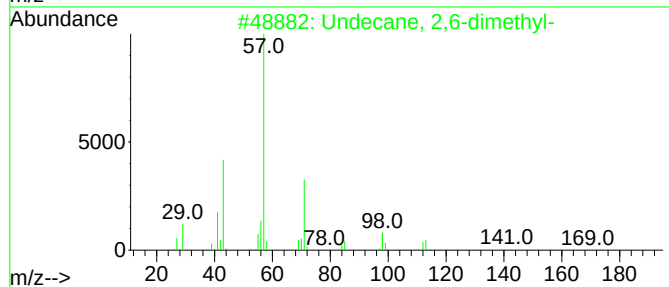
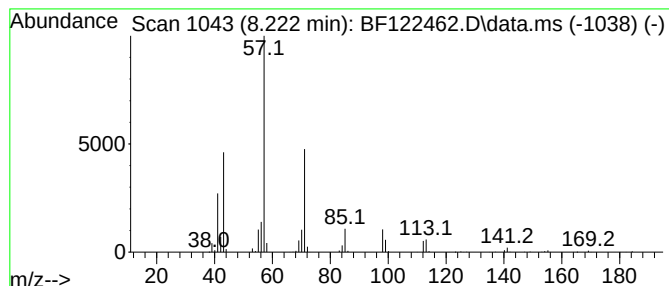
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.222	9.93 ng	1880480	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94		
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80		
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76		
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72		
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
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Instrument :
BNA_F
ClientSampleId :
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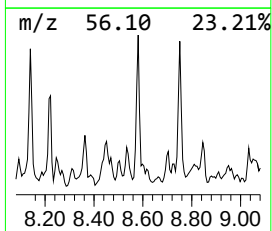
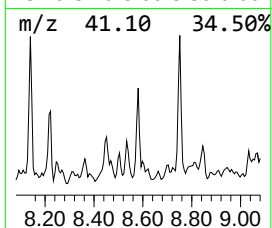
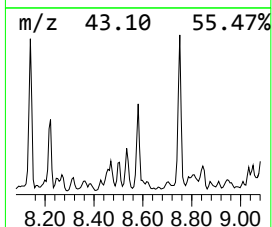
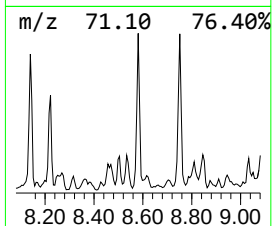
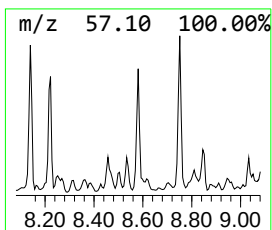
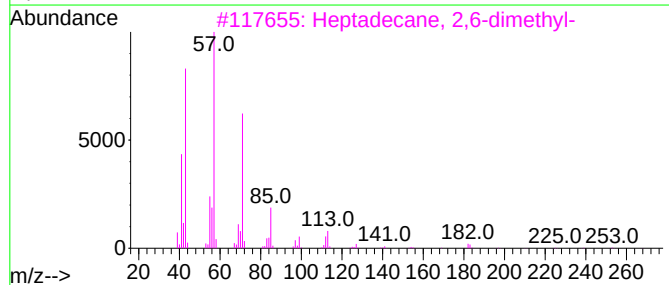
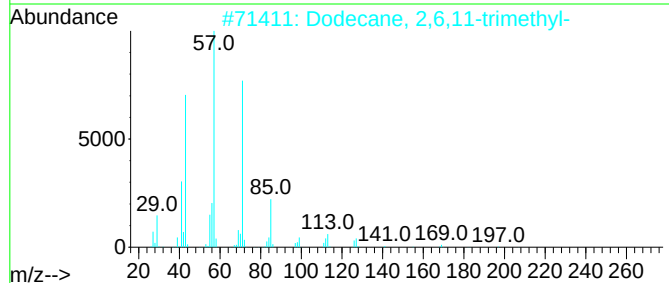
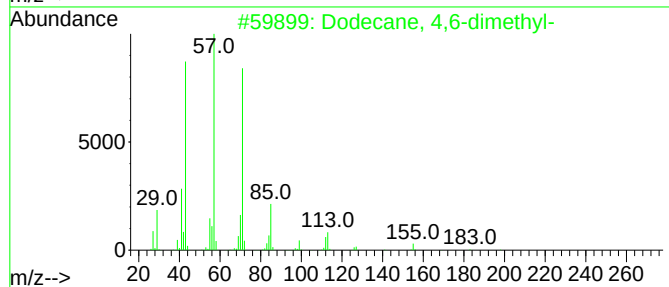
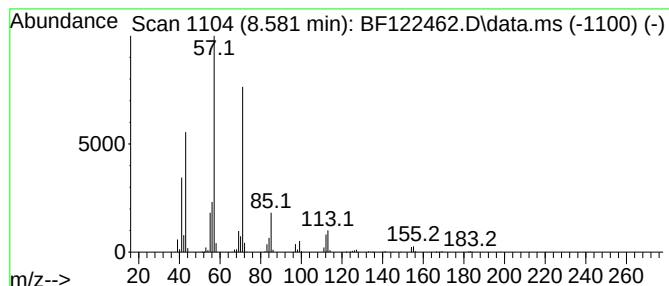
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	11.28 ng	2135260	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
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Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SL-02

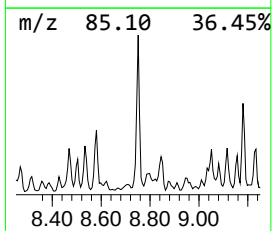
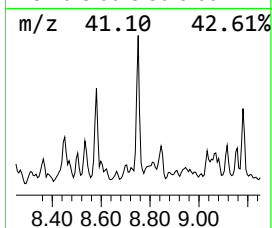
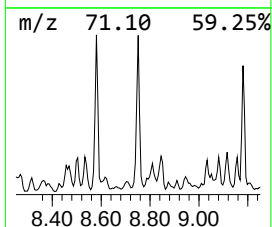
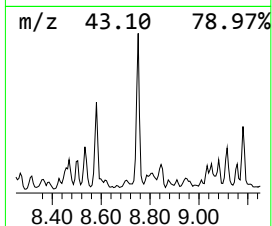
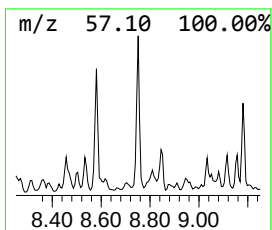
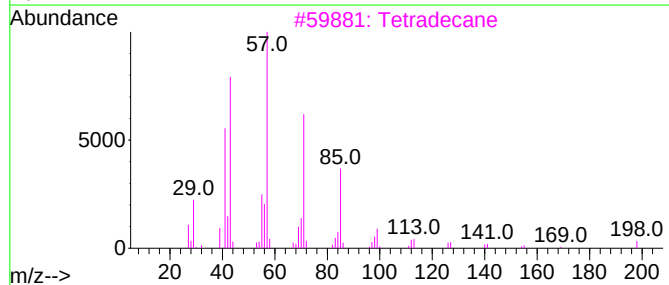
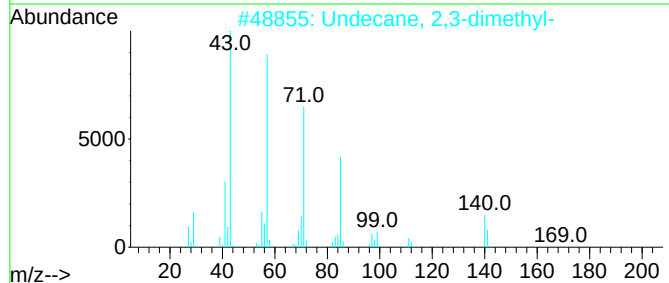
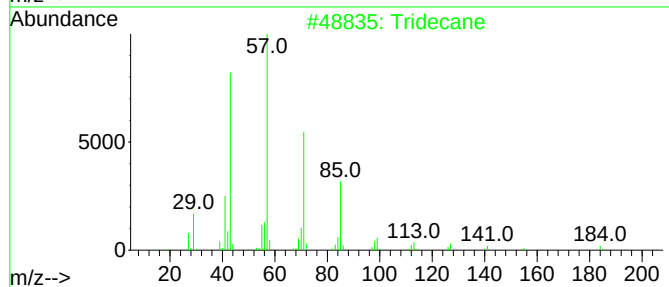
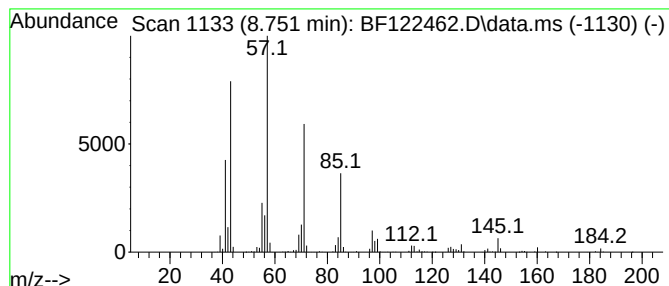
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	17.58 ng	3328740	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3		Tetradecane	198	C14H30	000629-59-4	74
4		Hexadecane	226	C16H34	000544-76-3	74
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
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ClientSampled :
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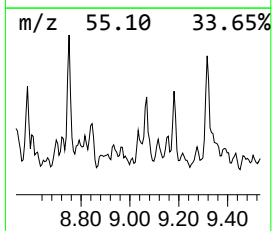
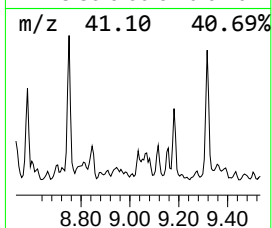
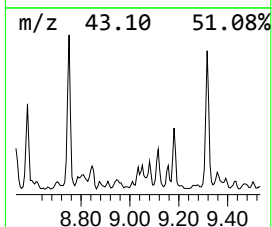
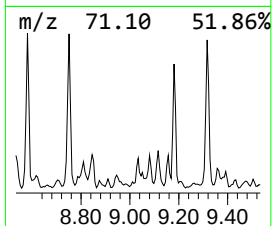
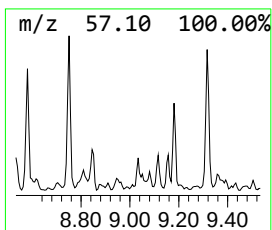
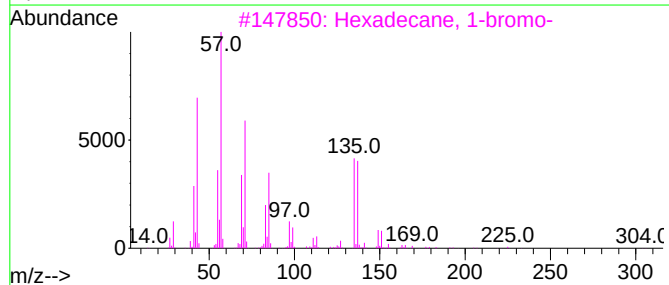
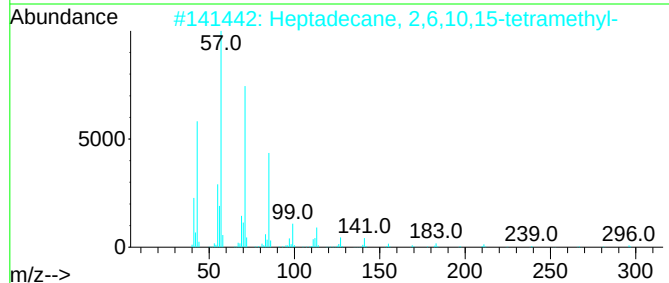
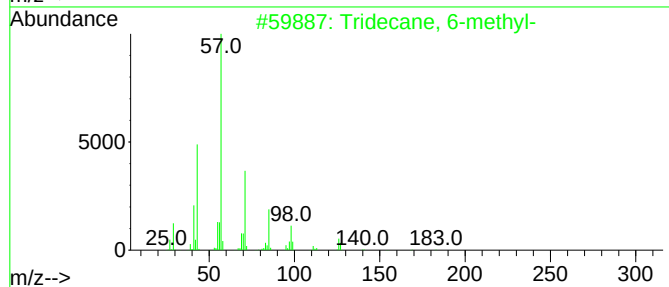
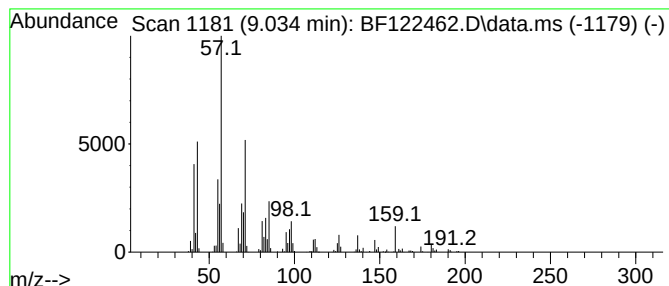
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.034	15.69 ng	893333	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
3		Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	50
4		Tridecane	184	C13H28	000629-50-5	47
5		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
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Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

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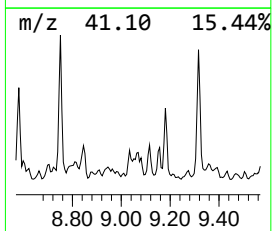
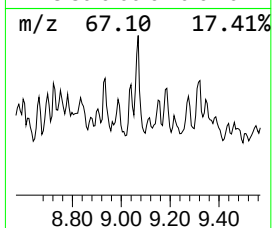
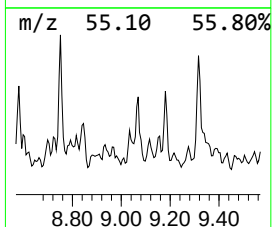
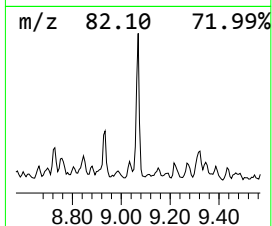
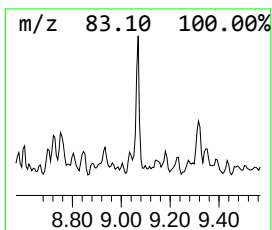
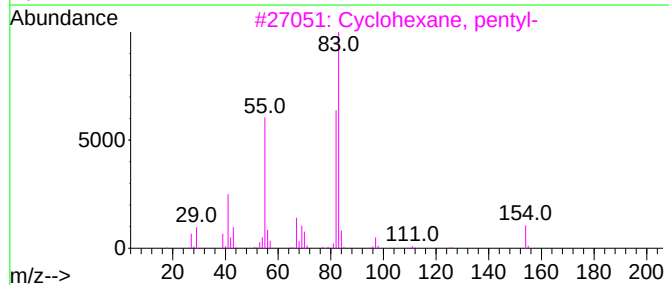
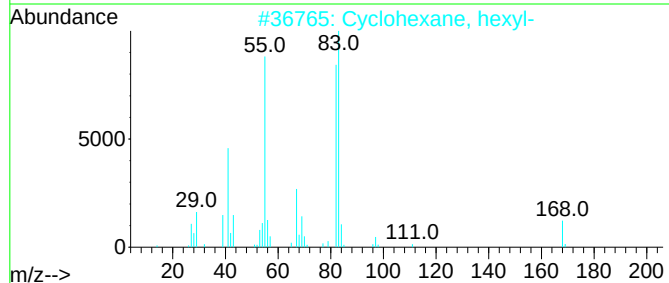
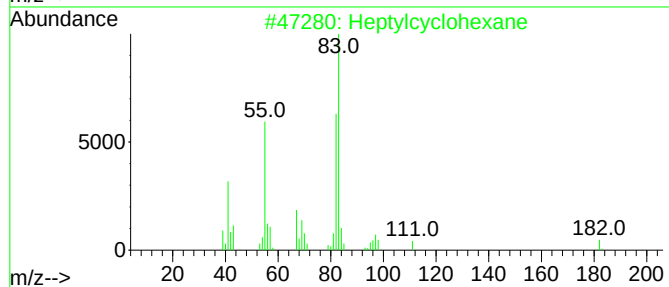
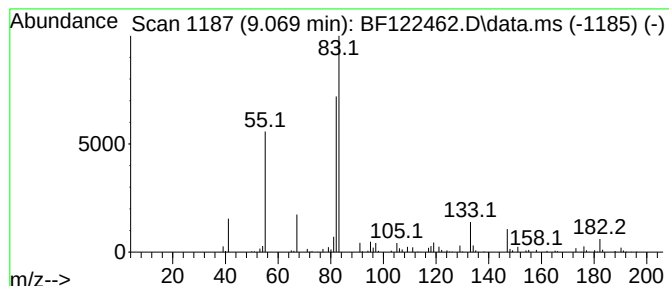
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	21.04 ng	1198030	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	64
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SL-02

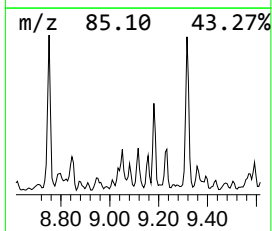
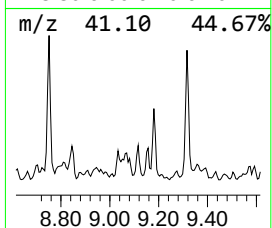
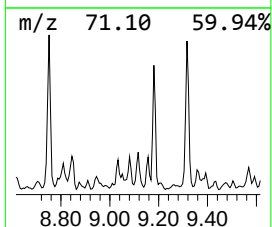
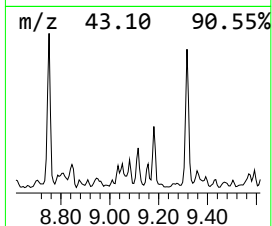
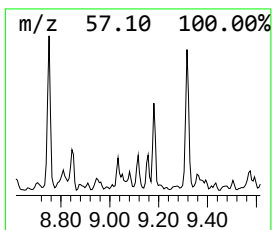
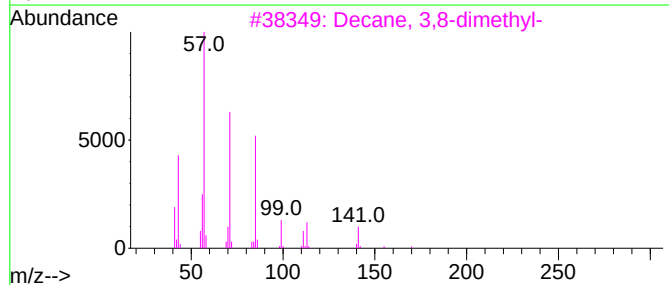
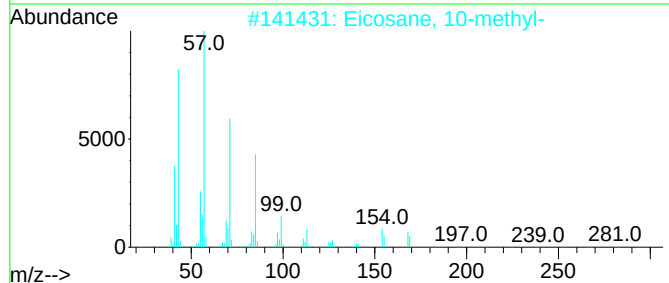
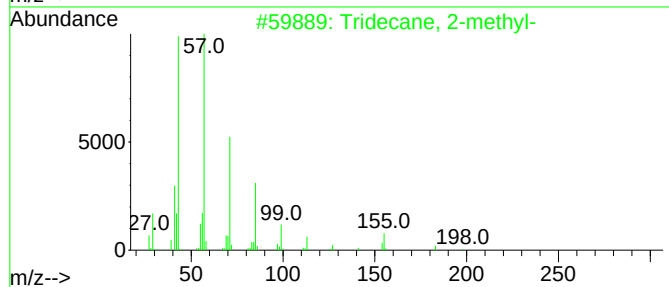
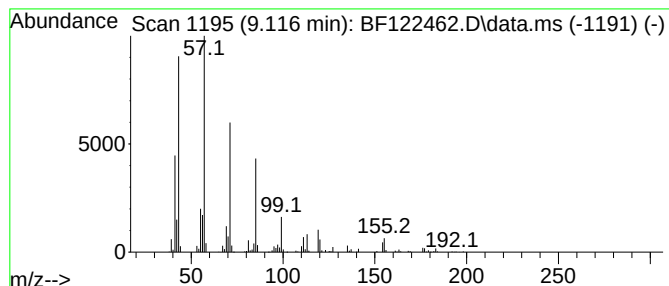
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	26.05 ng	1483350	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
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Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

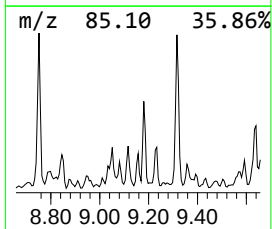
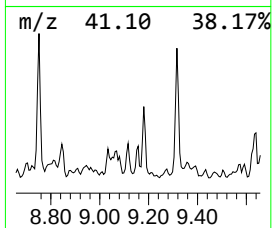
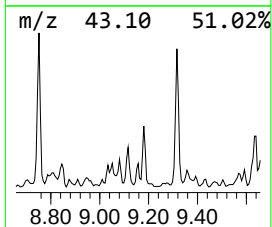
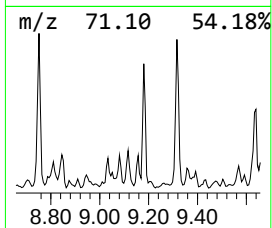
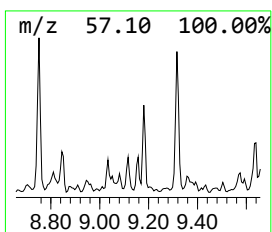
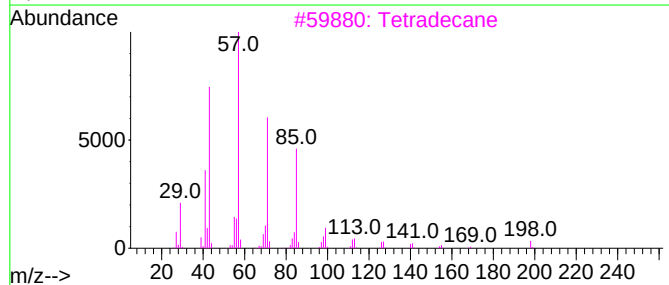
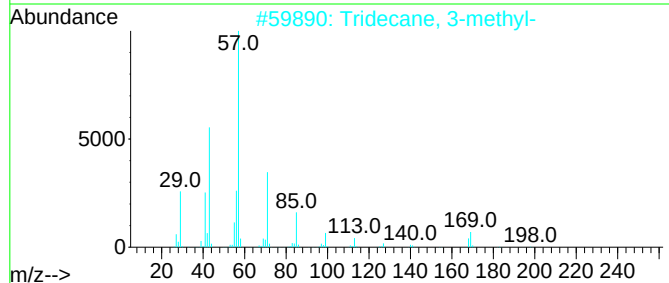
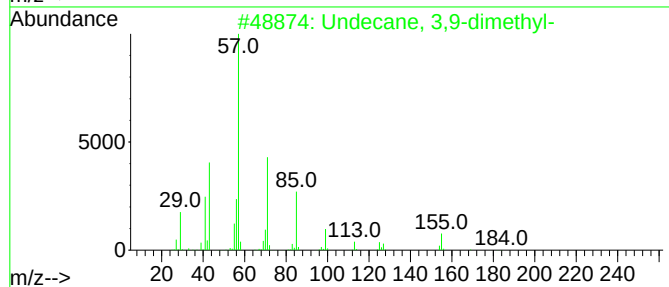
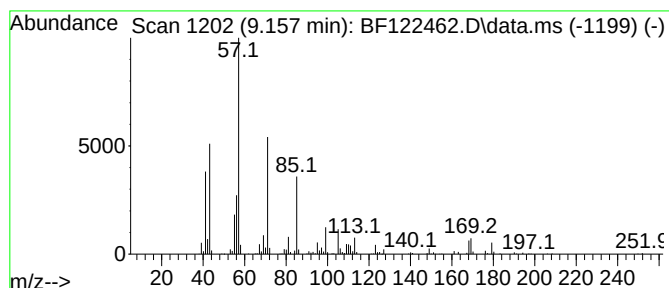
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3,9-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.157	12.26 ng	697889	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Tetradecane	198	C14H30	000629-59-4	59
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
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Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

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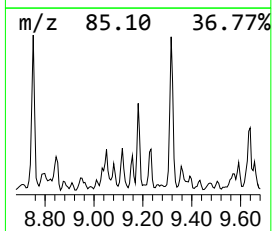
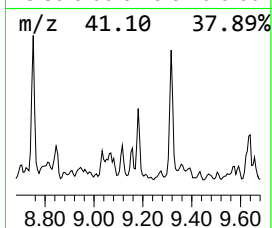
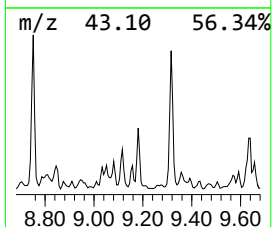
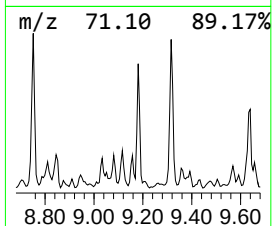
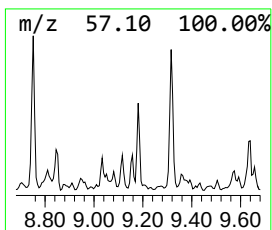
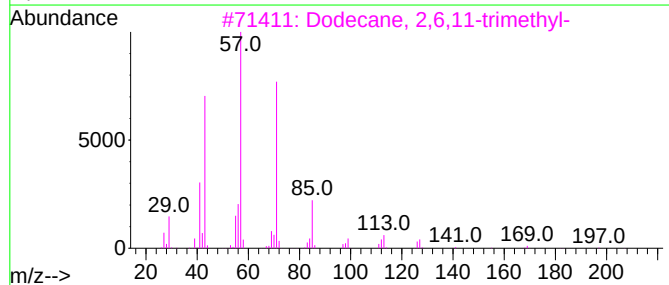
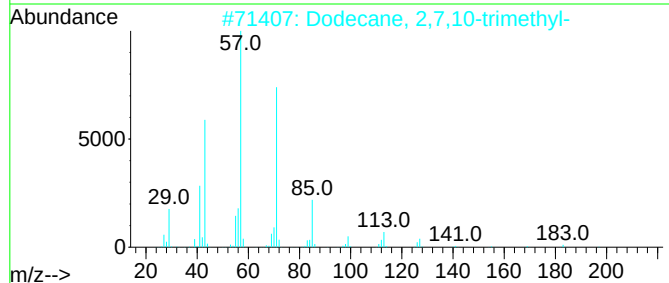
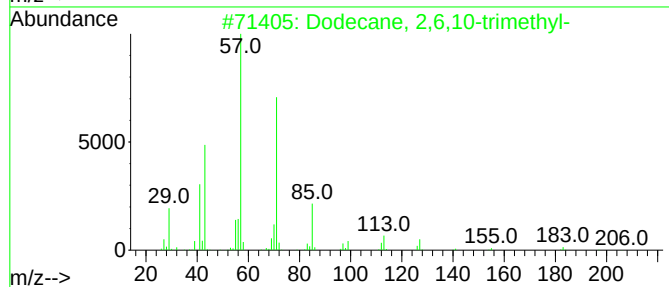
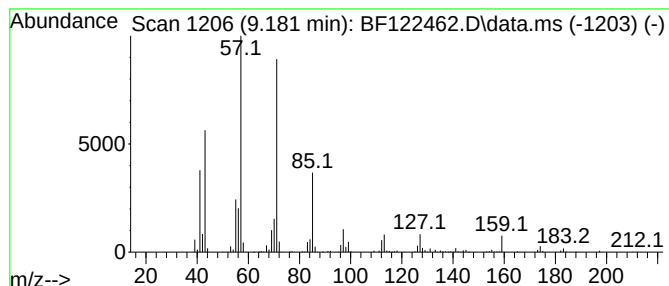
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	37.77 ng	2150060	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Heptacosane	380	C27H56	000593-49-7	59
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
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Acq On : 23 Nov 2020 23:03
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Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

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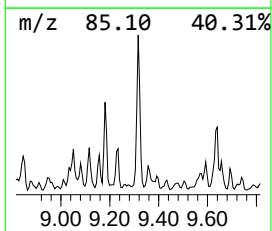
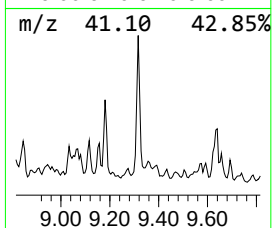
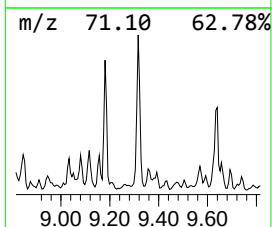
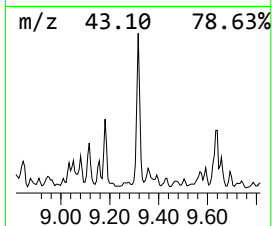
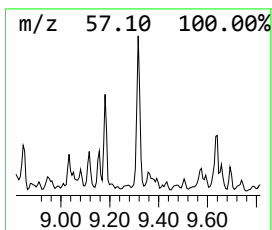
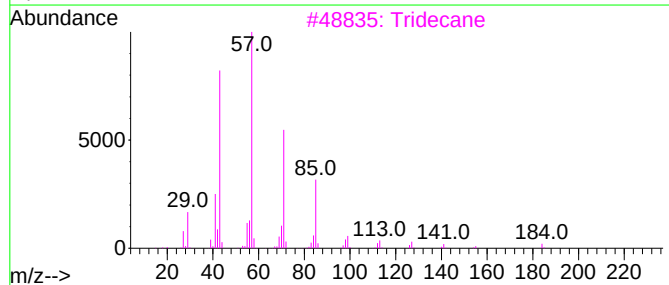
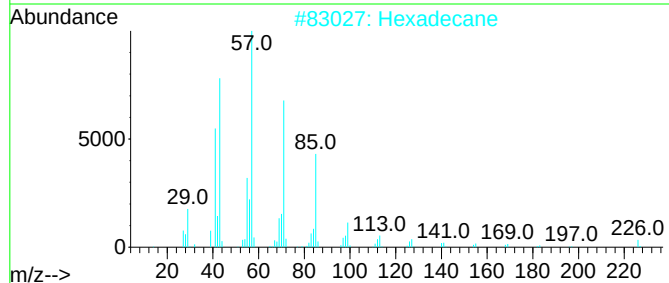
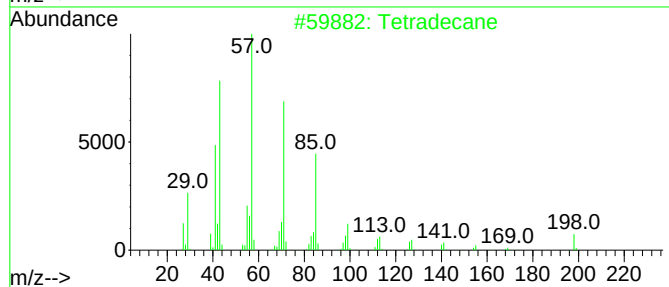
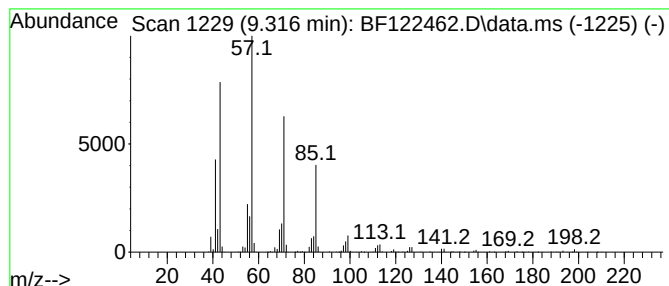
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	51.66 ng	2940860	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
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Sample : L4836-09
Misc :
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Instrument :
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ClientSampled :
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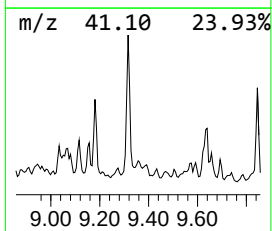
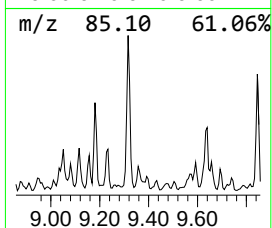
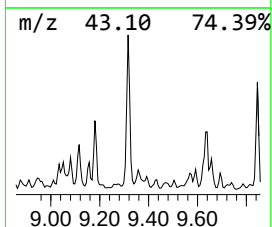
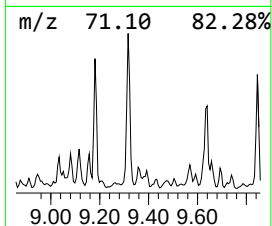
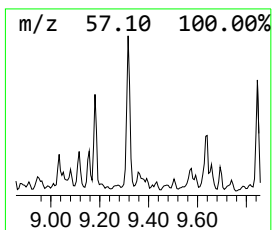
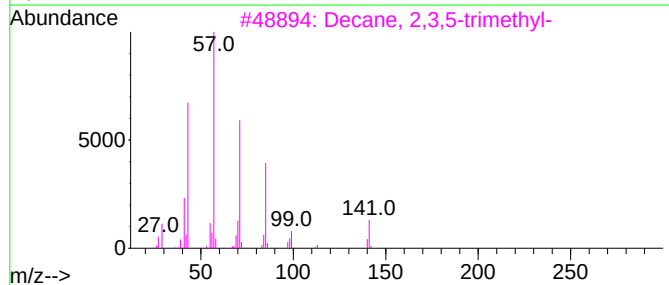
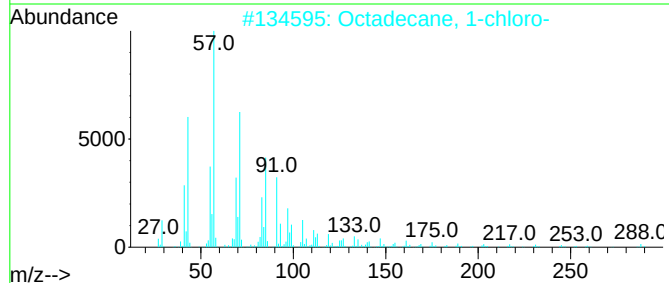
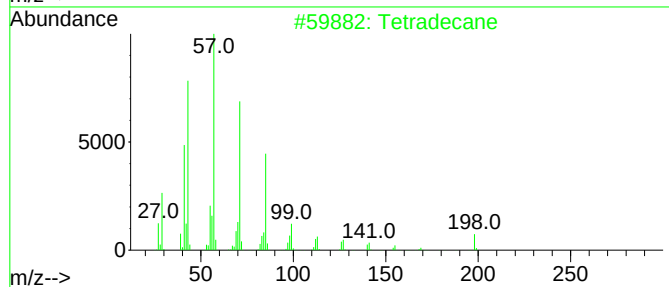
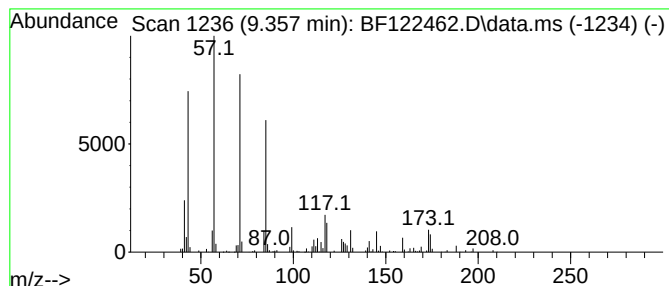
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane, 1-chloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	10.08 ng	573940	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	59
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
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Instrument :
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ClientSampleId :
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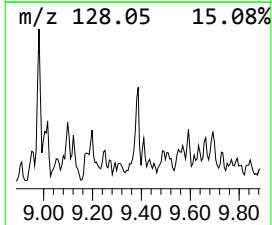
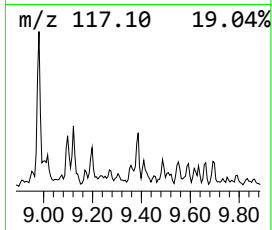
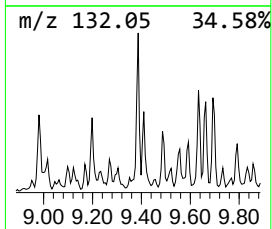
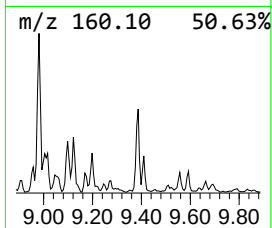
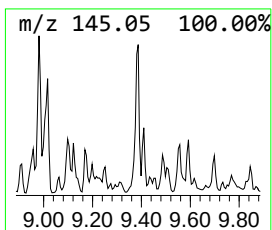
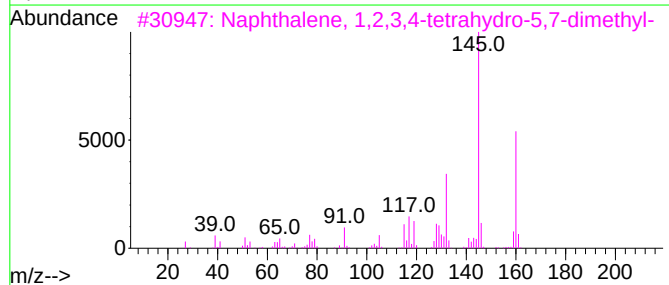
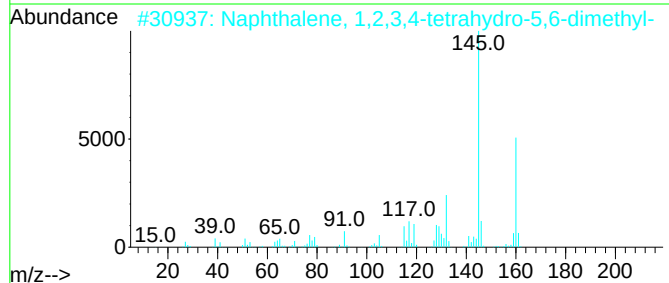
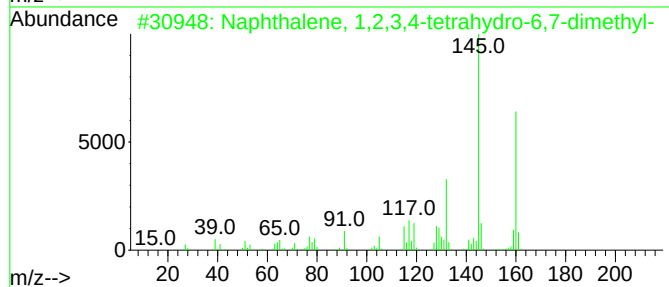
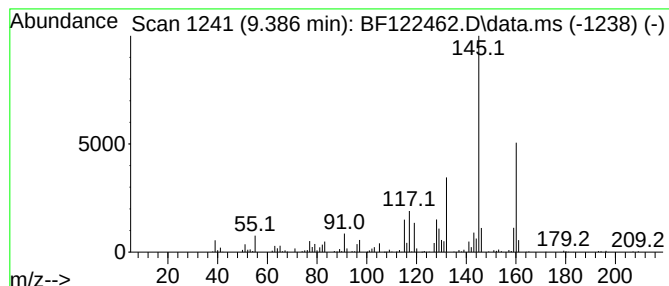
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	16.98 ng	966672	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SL-02

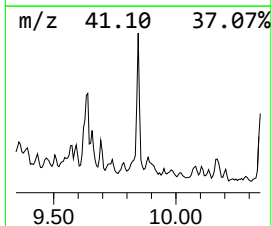
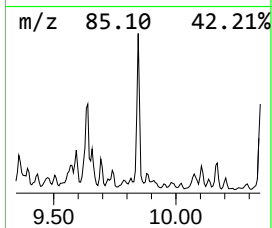
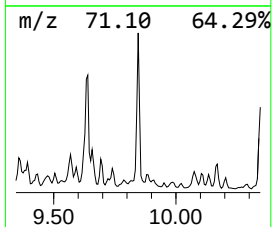
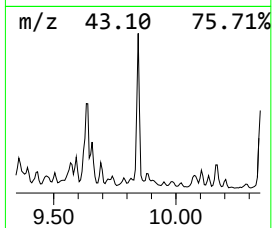
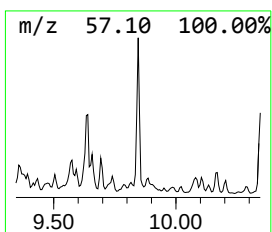
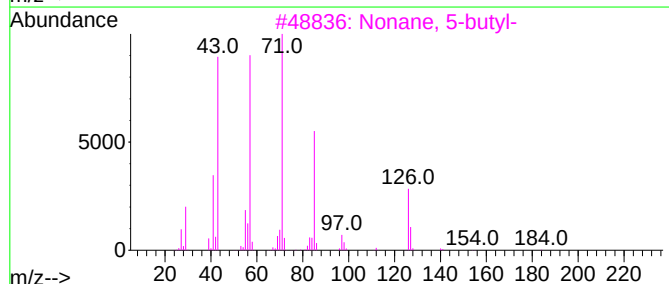
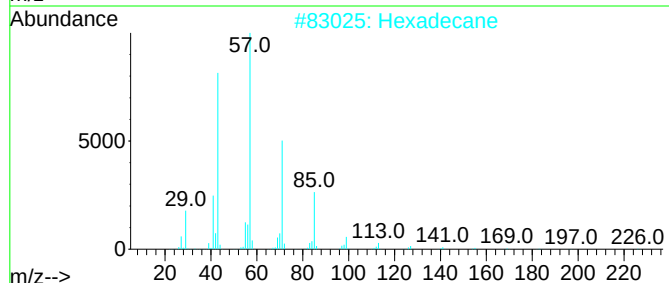
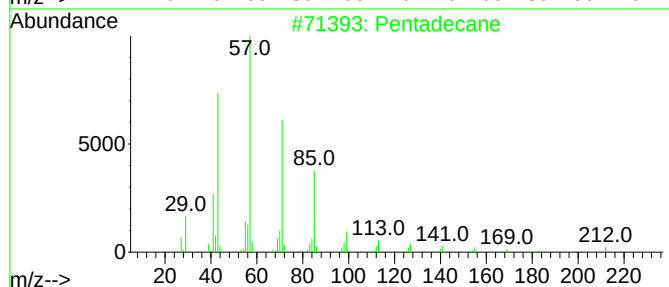
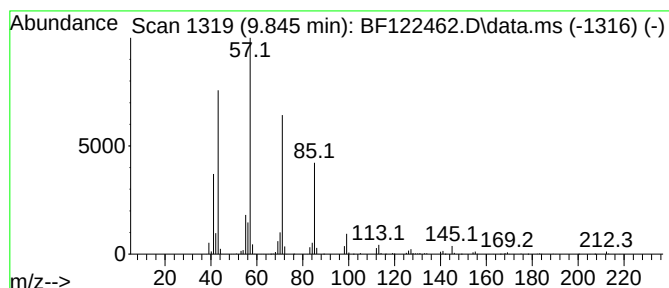
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	26.42 ng	1504280	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	72
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	68
4		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

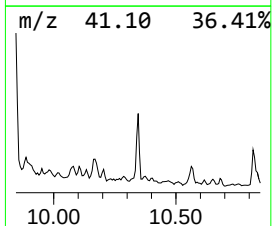
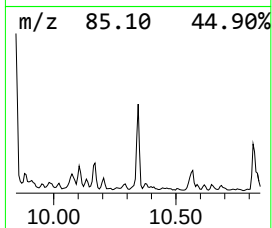
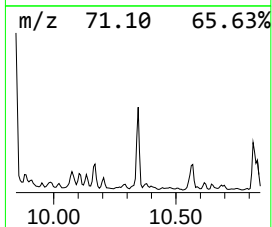
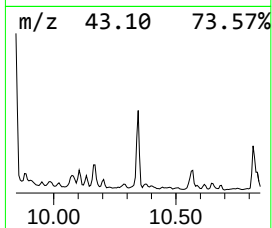
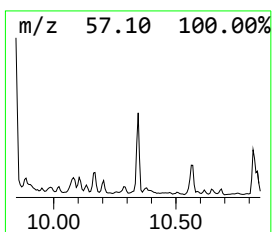
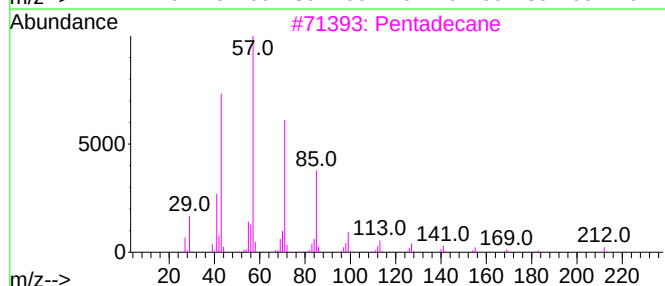
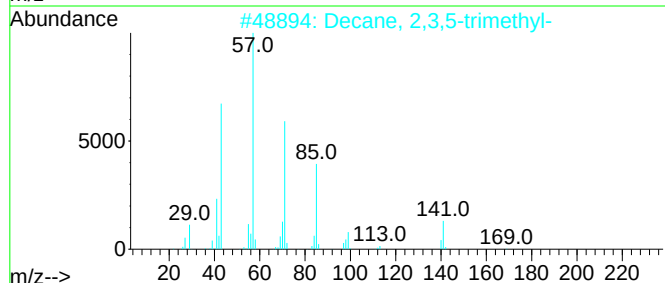
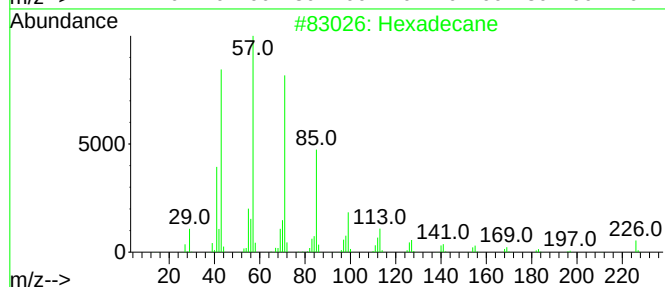
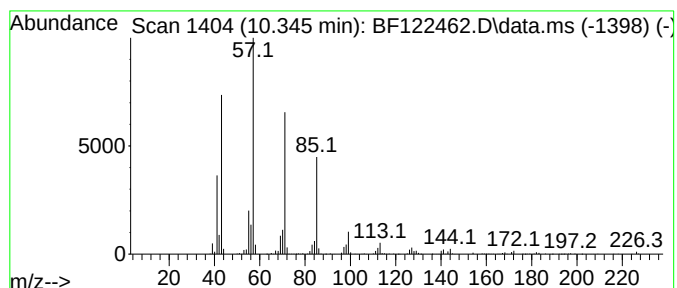
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.345	15.85 ng	902521	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SL-02

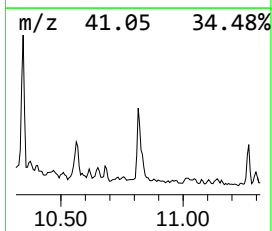
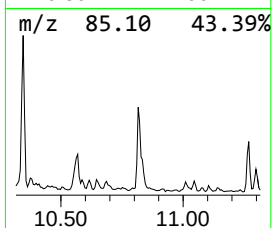
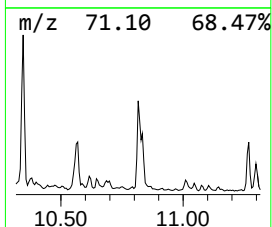
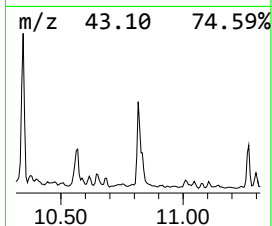
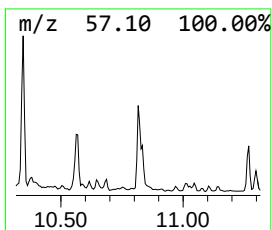
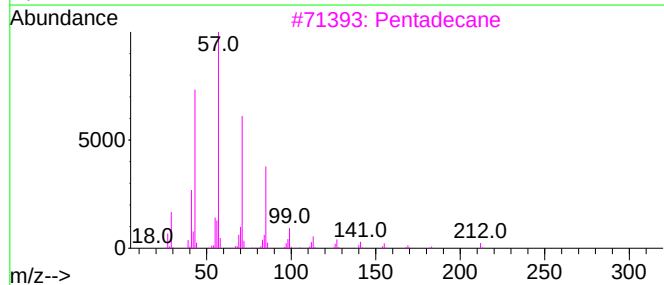
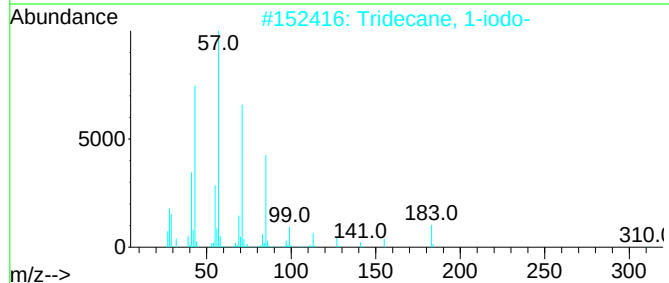
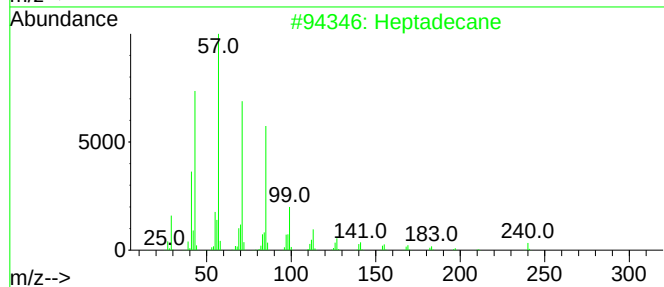
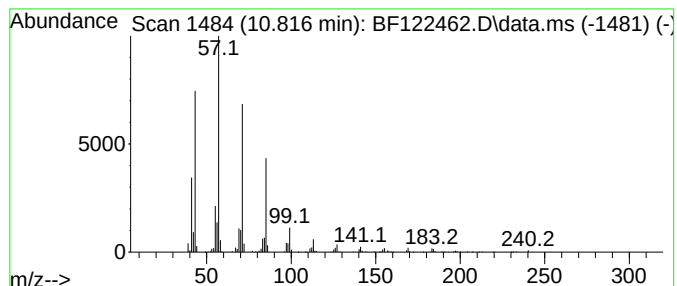
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	14.70 ng	770562	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Tetradecane	198	C14H30	000629-59-4	90
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122462.D
Acq On : 23 Nov 2020 23:03
Operator : JU/CG
Sample : L4836-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SL-02

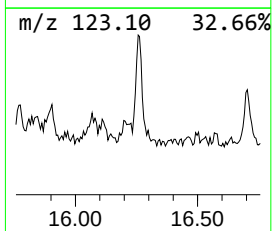
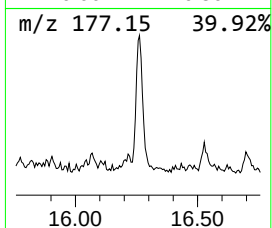
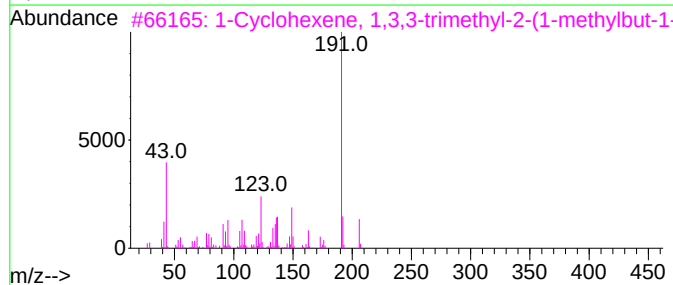
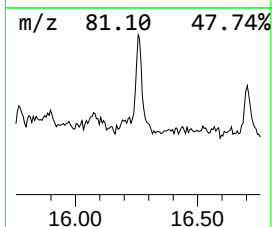
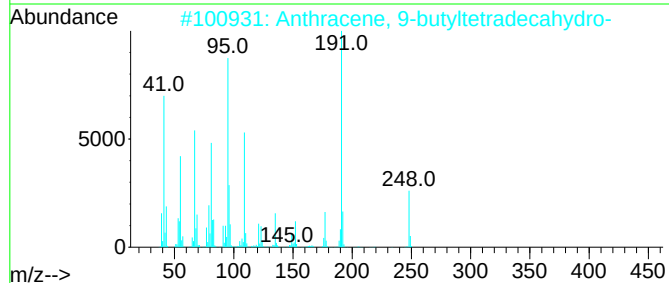
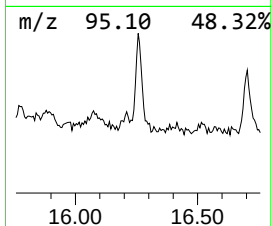
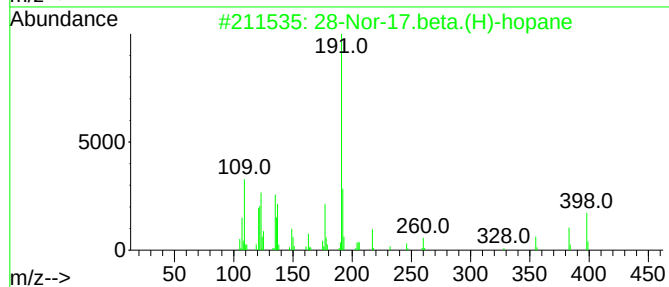
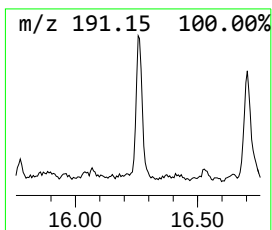
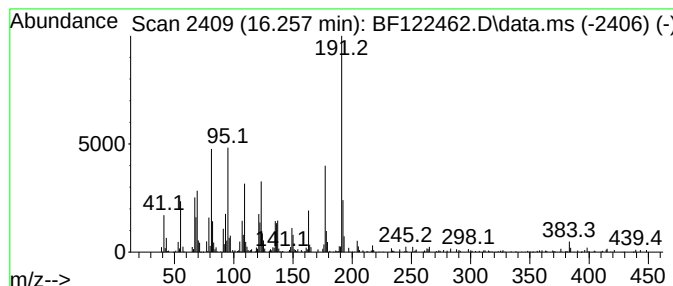
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.257 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	15.91 ng	735639	Perylene-d12	15.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
2			Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	40
3			1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4			Fumaric acid, di(2-isopropoxyph...	384	C22H24O6	1000344-85-0	35
5			3-Fluoro-5-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-66-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122462.D
 Acq On : 23 Nov 2020 23:03
 Operator : JU/CG
 Sample : L4836-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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
2-Pentanone, 4-...	5.075	28.2	ng	1384680	1	6.869	982084	20.0
Decane	6.704	13.9	ng	684124	1	6.869	982084	20.0
unknown7.145	7.145	13.5	ng	662538	1	6.869	982084	20.0
Benzene, 1,3-di...	7.181	12.0	ng	590643	1	6.869	982084	20.0
Benzene, 1-meth...	7.263	16.2	ng	796653	1	6.869	982084	20.0
Undecane, 2,6-d...	8.222	9.9	ng	1880480	2	8.151	3786640	20.0
Dodecane, 4,6-d...	8.581	11.3	ng	2135260	2	8.151	3786640	20.0
Tridecane	8.751	17.6	ng	3328740	2	8.151	3786640	20.0
Tridecane, 6-me...	9.034	15.7	ng	893333	3	9.910	1138650	20.0
Heptylcyclohexane	9.069	21.0	ng	1198030	3	9.910	1138650	20.0
Tridecane, 2-me...	9.116	26.1	ng	1483350	3	9.910	1138650	20.0
Undecane, 3,9-d...	9.157	12.3	ng	697889	3	9.910	1138650	20.0
Dodecane, 2,6,1...	9.181	37.8	ng	2150060	3	9.910	1138650	20.0
Tetradecane	9.316	51.7	ng	2940860	3	9.910	1138650	20.0
Octadecane, 1-c...	9.357	10.1	ng	573940	3	9.910	1138650	20.0
Naphthalene, 1,...	9.386	17.0	ng	966672	3	9.910	1138650	20.0
Pentadecane	9.845	26.4	ng	1504280	3	9.910	1138650	20.0
Hexadecane	10.345	15.9	ng	902521	3	9.910	1138650	20.0
Heptadecane	10.816	14.7	ng	770562	4	11.398	1048100	20.0
unknown16.257	16.257	15.9	ng	735639	6	15.533	924828	20.0