

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092920\
 Data File : BF121730.D
 Acq On : 29 Sep 2020 14:44
 Operator : JU/CG
 Sample : L4154-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(1-2)

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-BF091020.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	5.398	559	563	567	rBV	2787661	2815585	33.23%	1.598%
2	6.316	716	719	721	rBV2	367426	353259	4.17%	0.201%
3	6.422	732	737	740	rBV	2901871	2902718	34.25%	1.648%
4	6.622	767	771	774	rBV	1080494	976739	11.53%	0.555%
5	6.781	795	798	800	rBV	1052130	1009695	11.92%	0.573%
6	6.934	821	824	828	rBV2	391362	390469	4.61%	0.222%
7	7.063	842	846	849	rVB2	649612	749339	8.84%	0.425%
8	7.092	849	851	855	rBV2	414008	547173	6.46%	0.311%
9	7.128	855	857	860	rVB2	499955	403413	4.76%	0.229%
10	7.175	860	865	868	rBV2	829365	859237	10.14%	0.488%
11	7.322	884	890	891	rBV2	561638	781978	9.23%	0.444%
12	7.351	891	895	898	rVB	1778991	1618549	19.10%	0.919%
13	7.387	898	901	904	rVB	2825132	2434358	28.73%	1.382%
14	7.434	904	909	912	rVB5	620146	925146	10.92%	0.525%
15	7.475	912	916	917	rBV4	352831	447369	5.28%	0.254%
16	7.498	918	920	924	rVB4	425860	419101	4.95%	0.238%
17	7.569	929	932	934	rBV	436703	468041	5.52%	0.266%
18	7.592	934	936	939	rVB2	742161	677971	8.00%	0.385%
19	7.675	944	950	951	rBV3	348688	456836	5.39%	0.259%
20	7.710	954	956	960	rVB4	812664	854467	10.08%	0.485%
21	7.757	960	964	966	rVB2	759821	805972	9.51%	0.458%
22	7.792	966	970	971	rBV2	712054	678233	8.00%	0.385%
23	7.822	971	975	980	rVB4	1064529	1569107	18.52%	0.891%
24	7.869	980	983	985	rBV	796855	729368	8.61%	0.414%
25	7.939	992	995	999	rBV2	498689	768315	9.07%	0.436%
26	8.028	1005	1010	1011	rBV3	431249	663632	7.83%	0.377%
27	8.063	1011	1016	1020	rBV2	4300580	5070151	59.83%	2.878%
28	8.139	1024	1029	1031	rVB	2221472	2384939	28.14%	1.354%
29	8.163	1031	1033	1036	rBV2	596420	604003	7.13%	0.343%
30	8.245	1040	1047	1049	rBV5	624994	1259021	14.86%	0.715%
31	8.275	1049	1052	1055	rVB2	960992	1094520	12.92%	0.621%
32	8.316	1055	1059	1060	rBV2	294054	366389	4.32%	0.208%
33	8.363	1062	1067	1070	rBV5	1088350	1889845	22.30%	1.073%
34	8.422	1074	1077	1079	rBV2	1147943	921346	10.87%	0.523%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.457	1079	1083	1086	rVB2	1707589	1745249	20.60%	0.991%
36	8.504	1086	1091	1095	rBV	3477371	4683752	55.27%	2.659%
37	8.539	1095	1097	1099	rVB3	757676	626327	7.39%	0.356%
38	8.575	1100	1103	1106	rBV2	920582	998463	11.78%	0.567%
39	8.616	1106	1110	1112	rBV4	978353	1125679	13.28%	0.639%
40	8.675	1115	1120	1123	rBV	5075622	6087839	71.84%	3.456%
41	8.769	1132	1136	1138	rVB	1251227	1479254	17.46%	0.840%
42	8.828	1142	1146	1148	rBV3	602849	705061	8.32%	0.400%
43	8.869	1148	1153	1154	rBV3	595774	991453	11.70%	0.563%
44	8.957	1165	1168	1169	rBV2	1250702	1283611	15.15%	0.729%
45	9.004	1174	1176	1178	rVV	971871	832512	9.82%	0.473%
46	9.039	1179	1182	1184	rVV	1639344	1587614	18.74%	0.901%
47	9.075	1185	1188	1190	rVV2	1474295	1516995	17.90%	0.861%
48	9.104	1190	1193	1196	rVV	3846103	3647106	43.04%	2.070%
49	9.151	1197	1201	1203	rVB	2999021	2620445	30.92%	1.488%
50	9.245	1211	1217	1220	rBV	5349177	8473871	100.00%	4.811%
51	9.281	1220	1223	1225	rBV	899128	1083775	12.79%	0.615%
52	9.492	1256	1259	1261	rBV2	1380312	1237984	14.61%	0.703%
53	9.516	1261	1263	1265	rVB2	1505999	1104969	13.04%	0.627%
54	9.563	1265	1271	1273	rBV2	4174958	6580083	77.65%	3.736%
55	9.616	1278	1280	1283	rVB2	1555061	1317438	15.55%	0.748%
56	9.651	1283	1286	1291	rVB6	745532	1156234	13.64%	0.656%
57	9.704	1291	1295	1297	rBV3	1153073	1665044	19.65%	0.945%
58	9.745	1300	1302	1304	rBV	1338646	1152144	13.60%	0.654%
59	9.781	1304	1308	1311	rVB	4924689	5673653	66.95%	3.221%
60	9.810	1311	1313	1315	rBV2	1270641	1480161	17.47%	0.840%
61	9.875	1322	1324	1326	rBV2	551429	443906	5.24%	0.252%
62	9.939	1333	1335	1338	rVB3	868177	871505	10.28%	0.495%
63	9.998	1342	1345	1348	rVV4	1322287	1844998	21.77%	1.047%
64	10.028	1348	1350	1353	rVV2	1723853	1775401	20.95%	1.008%
65	10.057	1353	1355	1357	rVV	1011655	823916	9.72%	0.468%
66	10.092	1357	1361	1364	rVB3	2388776	2781531	32.82%	1.579%
67	10.128	1364	1367	1369	rVB	1064554	867613	10.24%	0.493%
68	10.151	1369	1371	1373	rBV	752554	748413	8.83%	0.425%
69	10.281	1384	1393	1395	rBV	4922136	7530430	88.87%	4.275%
70	10.492	1424	1429	1434	rVB	3710511	5224626	61.66%	2.966%
71	10.539	1435	1437	1440	rVB	1080860	972928	11.48%	0.552%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	10.575	1440	1443	1446	rBV2	1313958	1404566	16.58%	0.797%
73	10.610	1446	1449	1450	rBV	1244928	1201222	14.18%	0.682%
74	10.757	1469	1474	1475	rBV	4190079	6778639	79.99%	3.848%
75	10.933	1502	1504	1506	rBV	987580	909133	10.73%	0.516%
76	11.198	1545	1549	1551	rBV	4054629	4684828	55.29%	2.660%
77	11.227	1551	1554	1559	rVB	4105922	4451165	52.53%	2.527%
78	11.322	1567	1570	1572	rBV2	1080659	1110083	13.10%	0.630%
79	11.457	1591	1593	1597	rVV2	677470	620360	7.32%	0.352%
80	11.498	1598	1600	1603	rVB	943299	727643	8.59%	0.413%
81	11.569	1609	1612	1615	rVB	1436364	1414641	16.69%	0.803%
82	11.622	1617	1621	1624	rVB	4201049	4383874	51.73%	2.489%
83	11.845	1657	1659	1662	rVB2	790701	716663	8.46%	0.407%
84	12.027	1686	1690	1692	rVB	3826200	3758749	44.36%	2.134%
85	12.298	1733	1736	1739	rBV	1108951	972688	11.48%	0.552%
86	12.363	1745	1747	1751	rVB2	683558	742116	8.76%	0.421%
87	12.410	1751	1755	1758	rBV	3744903	3467512	40.92%	1.969%
88	12.527	1773	1775	1777	rBV	439694	338606	4.00%	0.192%
89	12.645	1792	1795	1798	rVB	958008	914485	10.79%	0.519%
90	12.757	1812	1814	1815	rBV	605237	474887	5.60%	0.270%
91	12.780	1815	1818	1821	rVB	2749767	2637328	31.12%	1.497%
92	12.898	1834	1838	1846	rVB	2831847	3344116	39.46%	1.898%
93	13.127	1874	1877	1880	rBV	2019237	1864988	22.01%	1.059%
94	13.469	1932	1935	1940	rVB	1391015	1196597	14.12%	0.679%
95	13.798	1988	1991	2000	rVB	1137733	1432921	16.91%	0.813%
96	13.945	2012	2016	2019	rBV2	1037571	1245340	14.70%	0.707%
97	14.110	2042	2044	2047	rVB	471376	379909	4.48%	0.216%
98	14.974	2188	2191	2194	rBV	315144	445849	5.26%	0.253%
99	15.327	2249	2251	2257	rVB	259388	337417	3.98%	0.192%
100	15.392	2259	2262	2265	rBV	473938	551828	6.51%	0.313%

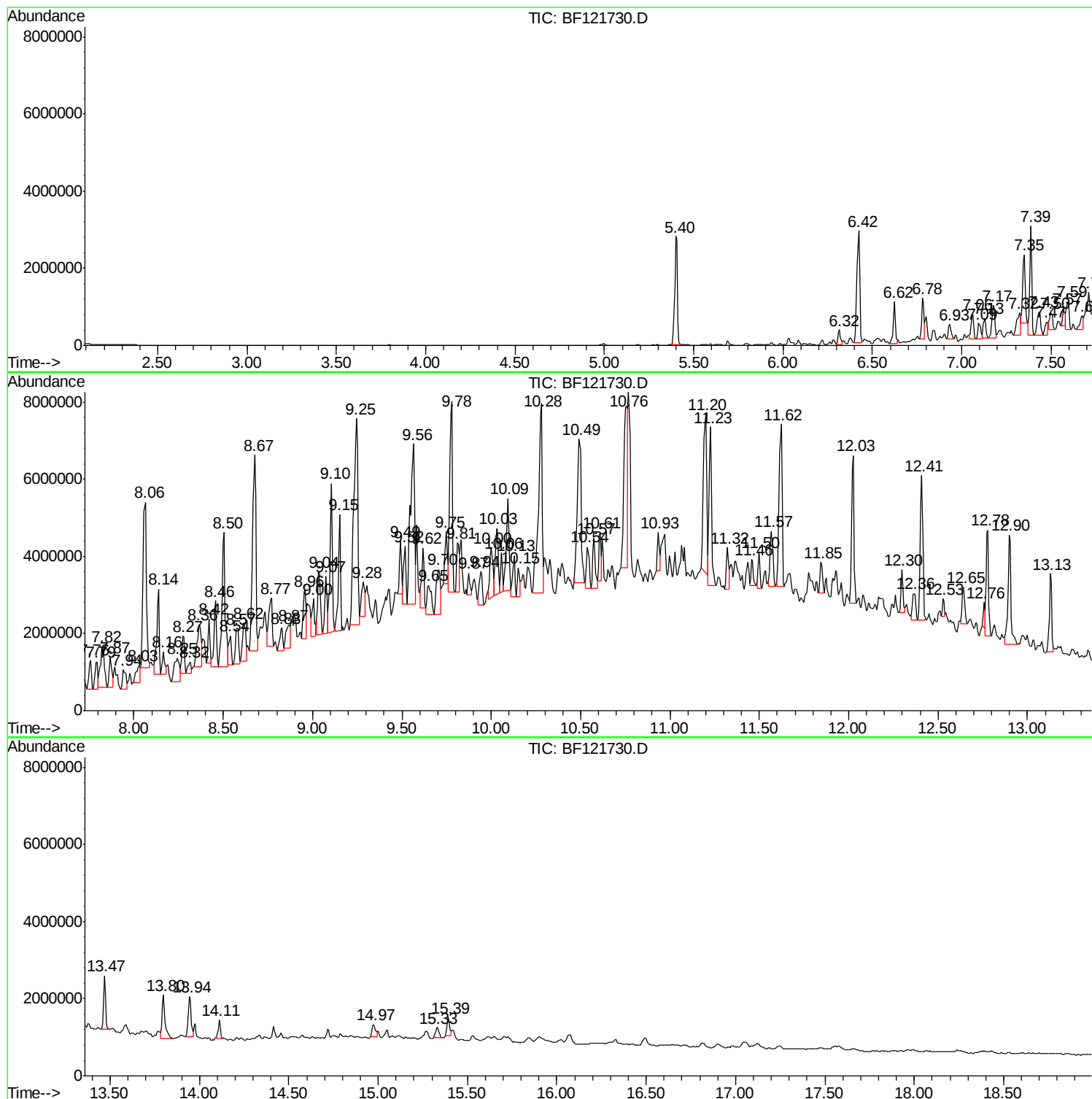
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Instrument :
BNA_F
ClientSampled :
B-1(1-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.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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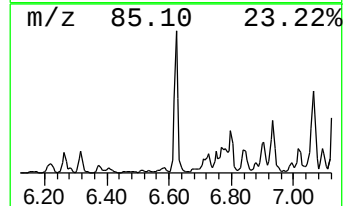
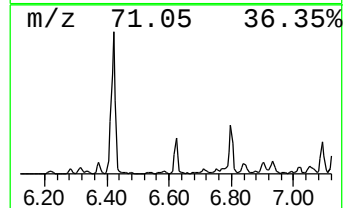
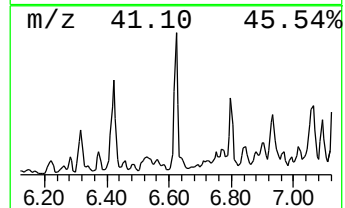
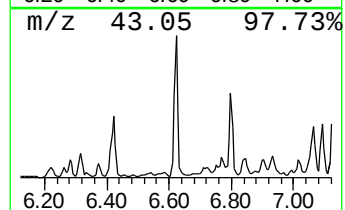
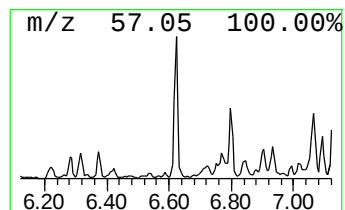
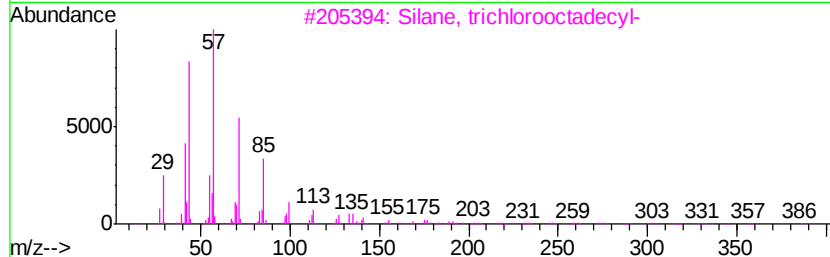
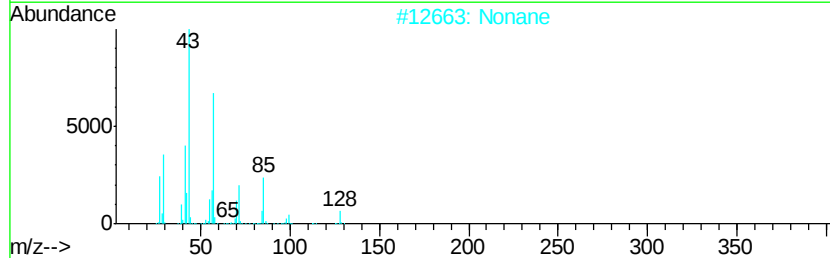
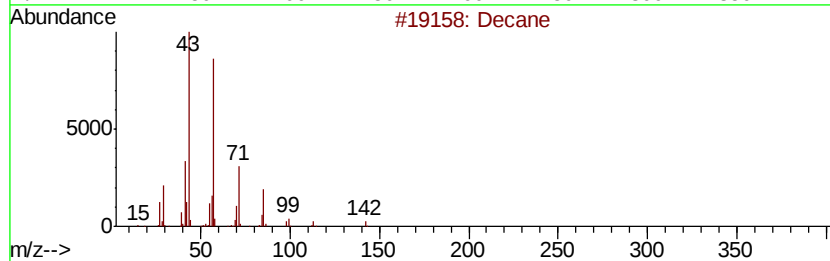
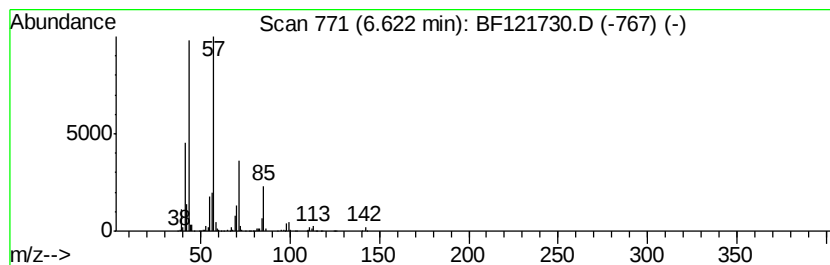
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	19.35 ng	976739	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Nonane	128	C9H20	000111-84-2	90
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4		Undecane	156	C11H24	001120-21-4	78
5		Tridecane	184	C13H28	000629-50-5	72



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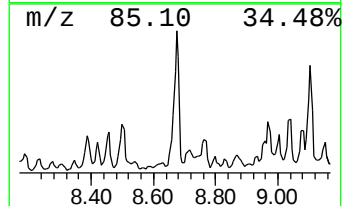
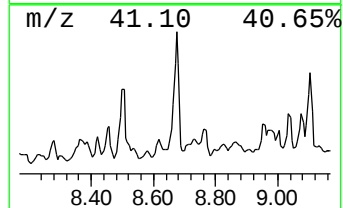
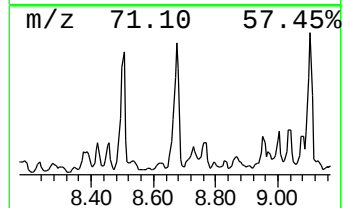
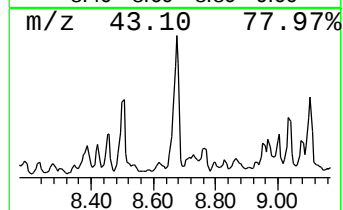
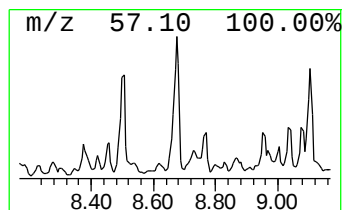
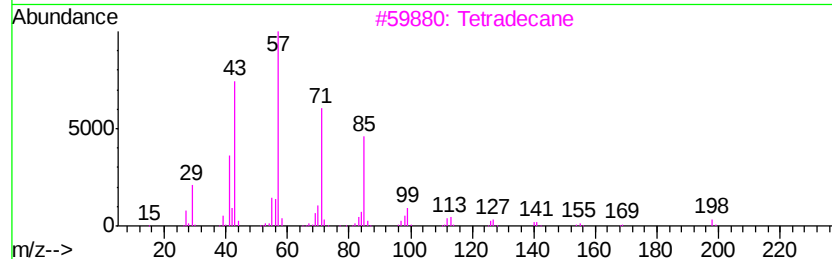
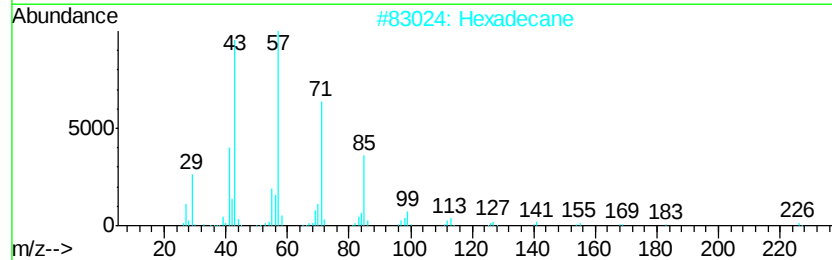
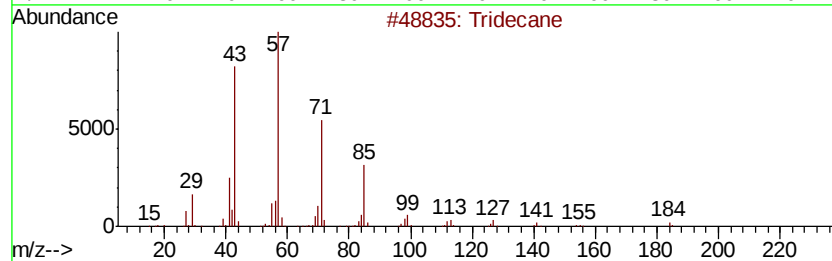
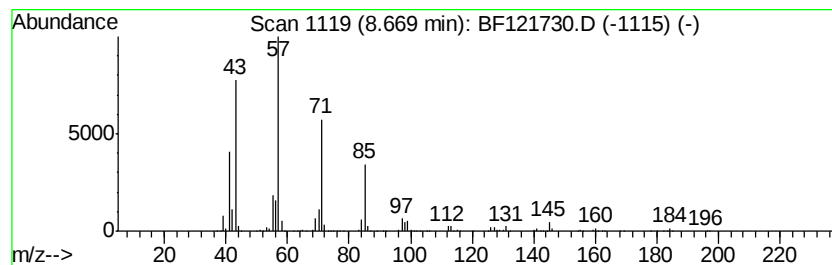
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	24.01 ng	6087840	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



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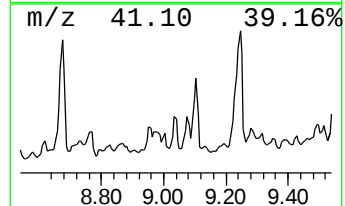
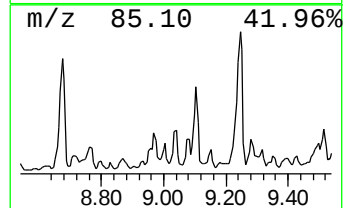
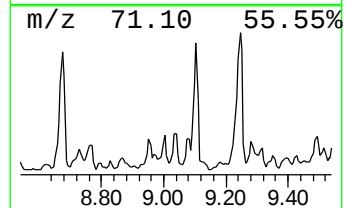
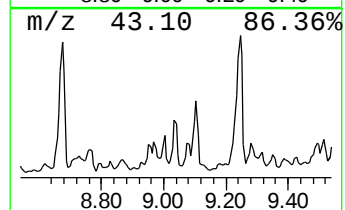
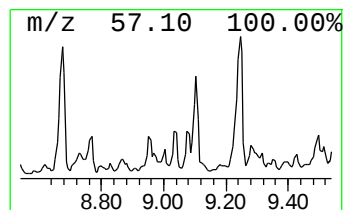
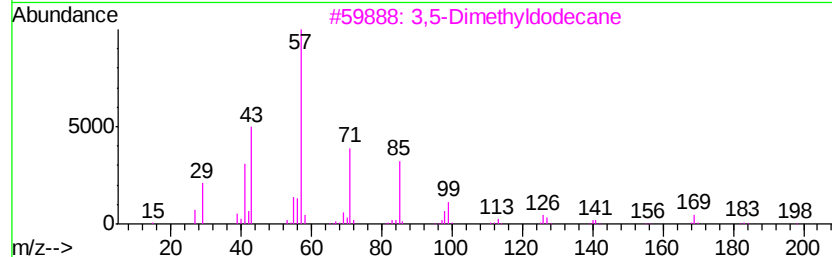
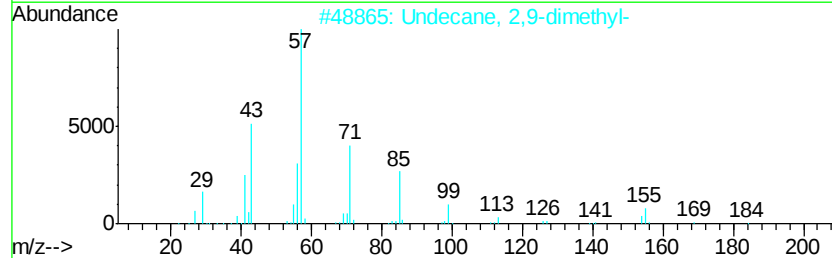
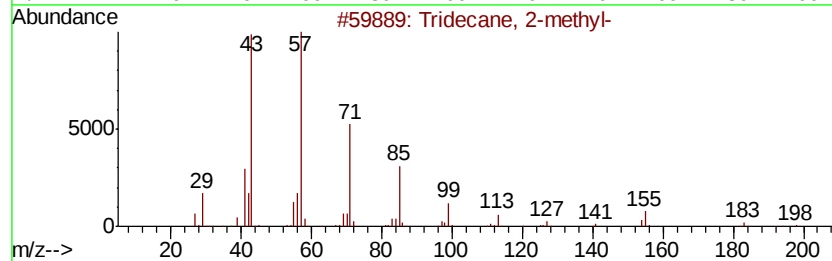
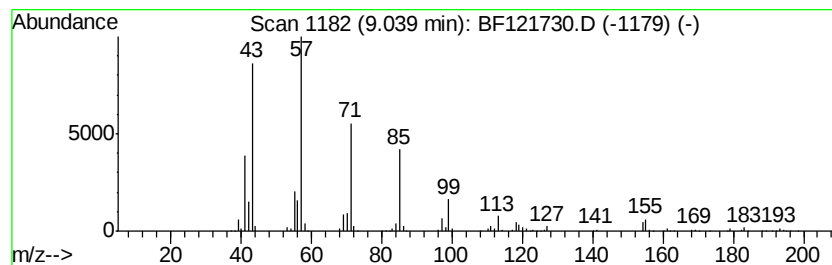
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.04	21.45 ng	1587610	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
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Instrument :
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ClientSampleId :
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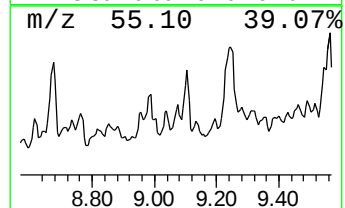
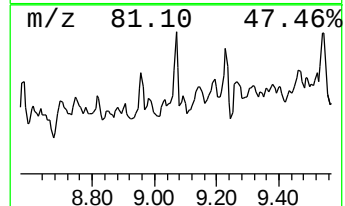
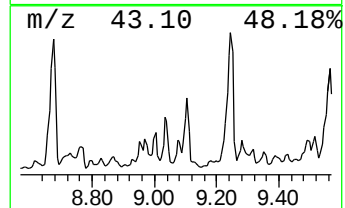
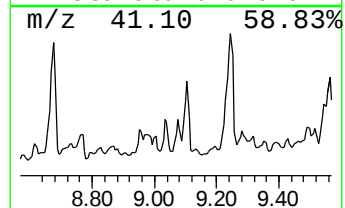
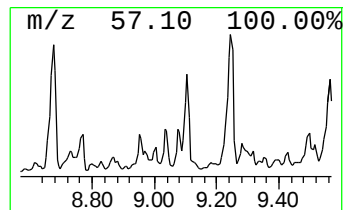
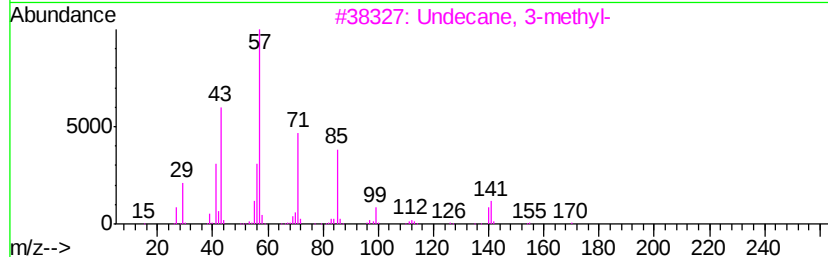
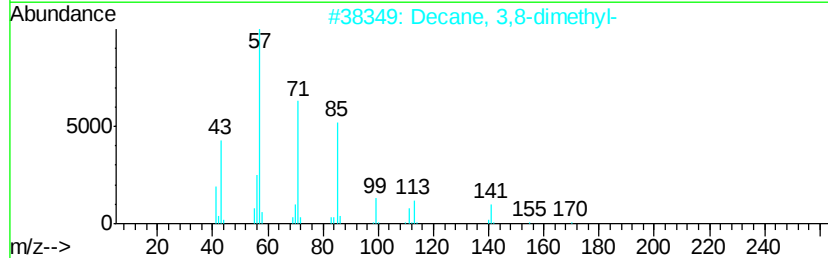
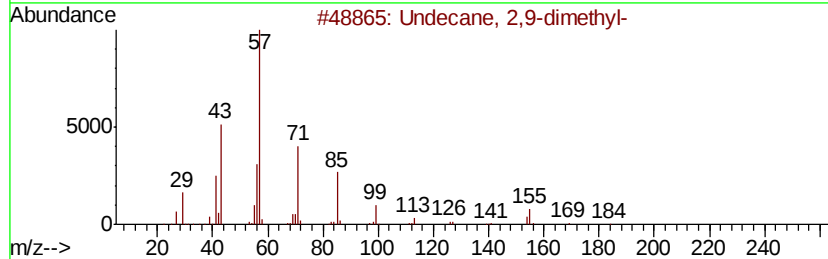
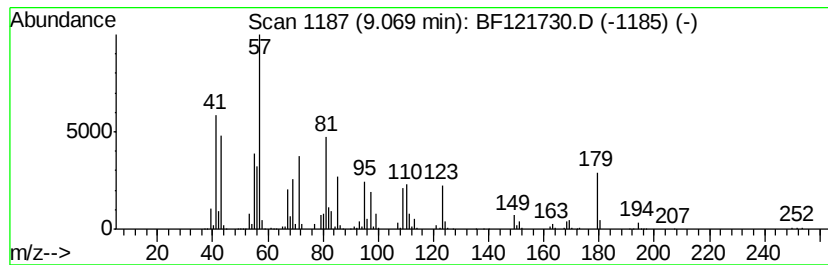
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,9-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	20.50 ng	1517000	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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Acq On : 29 Sep 2020 14:44
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Sample : L4154-01
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ALS Vial : 9 Sample Multiplier: 1

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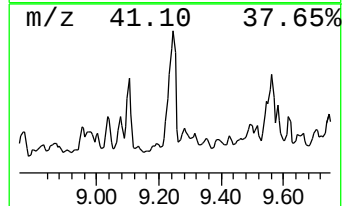
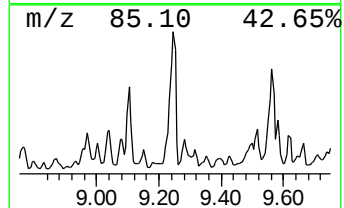
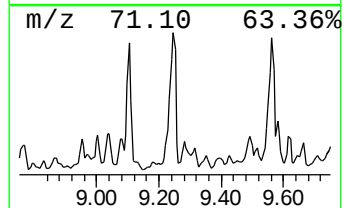
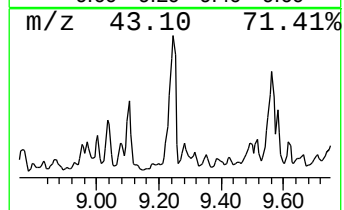
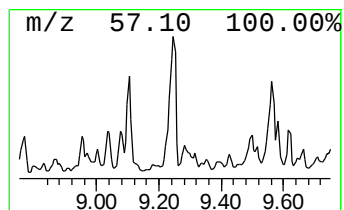
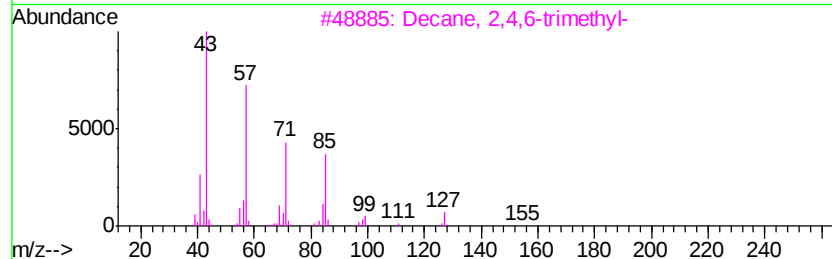
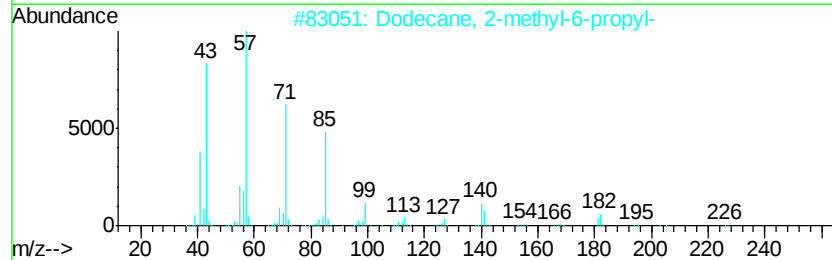
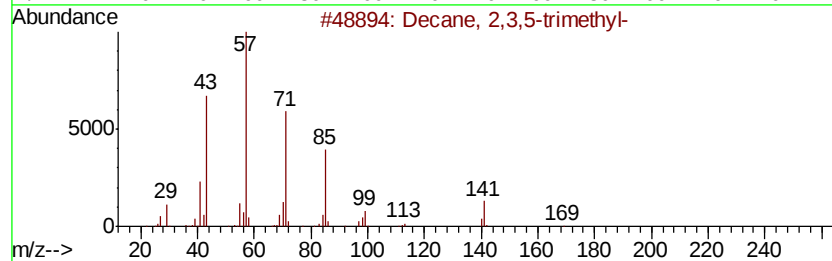
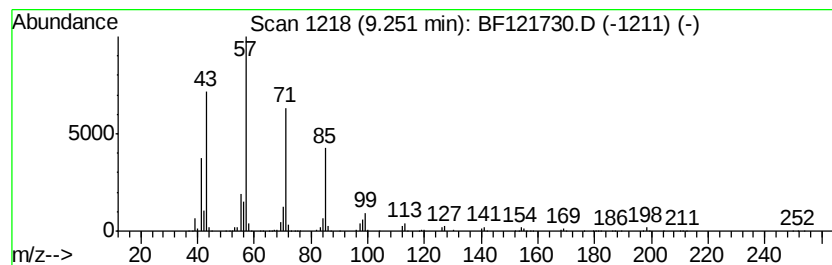
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	114.50 ng	8473870	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83	
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80	
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78	
4	Hexadecane	226	C16H34	000544-76-3	72	
5	Tridecane	184	C13H28	000629-50-5	72	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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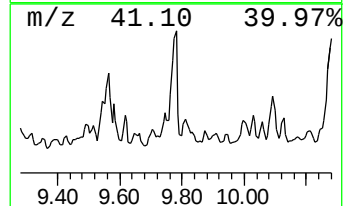
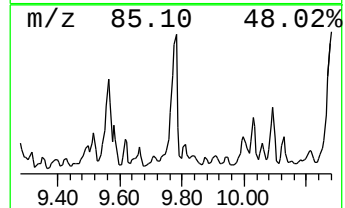
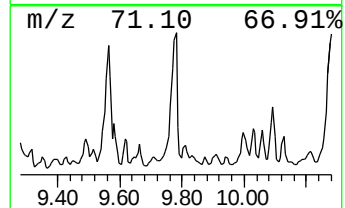
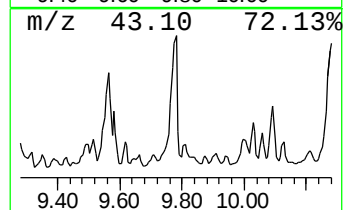
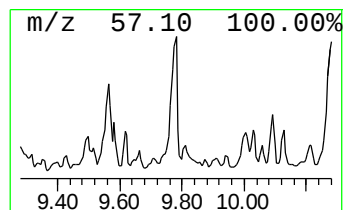
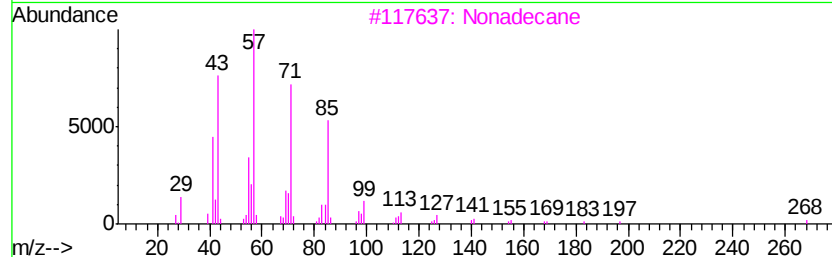
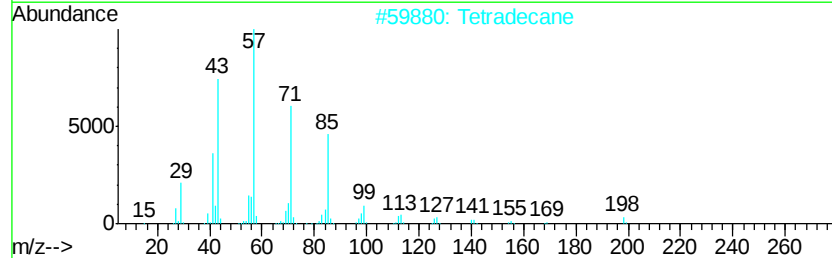
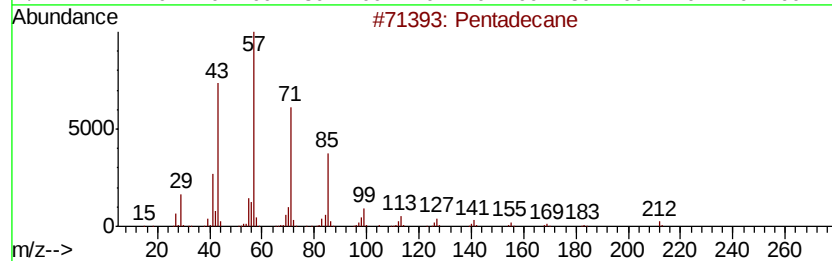
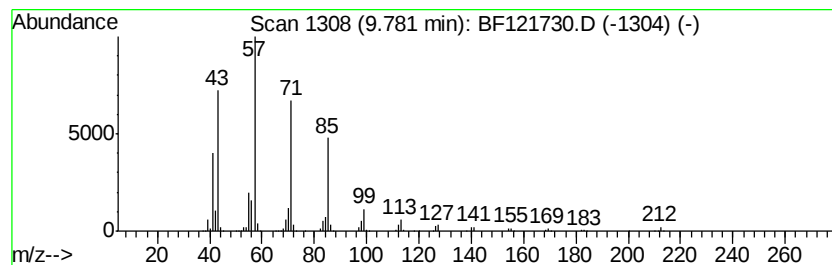
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	76.66 ng	5673650	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tetradecane	198	C14H30	000629-59-4	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Hexadecane	226	C16H34	000544-76-3	72
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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Misc :
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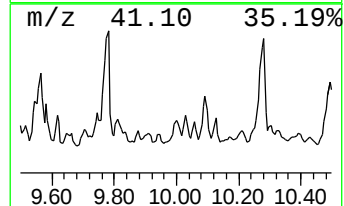
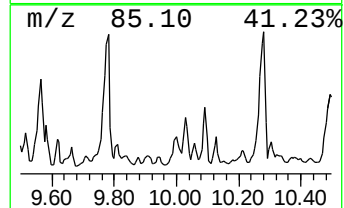
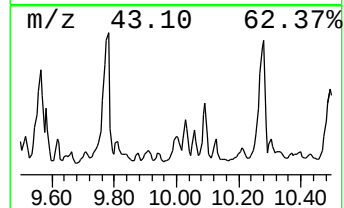
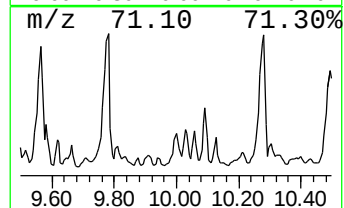
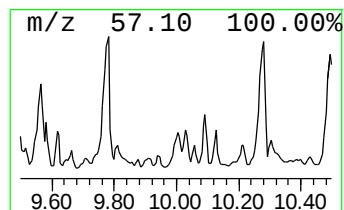
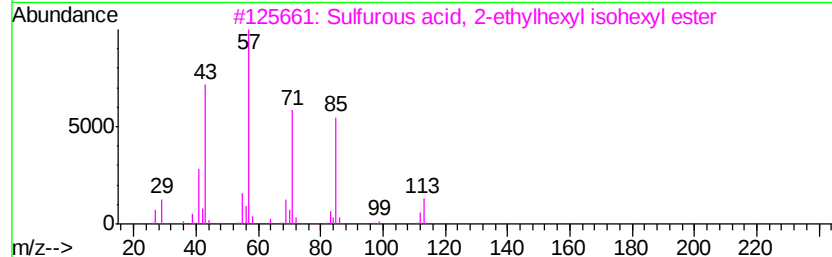
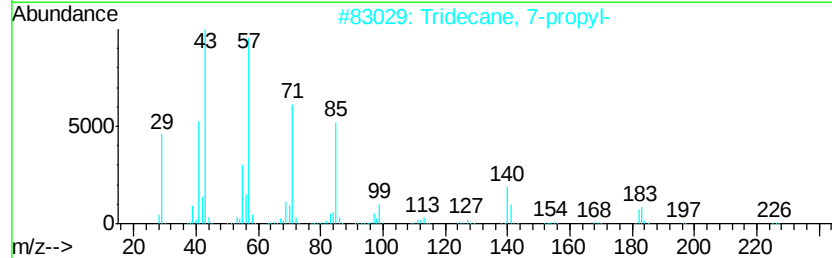
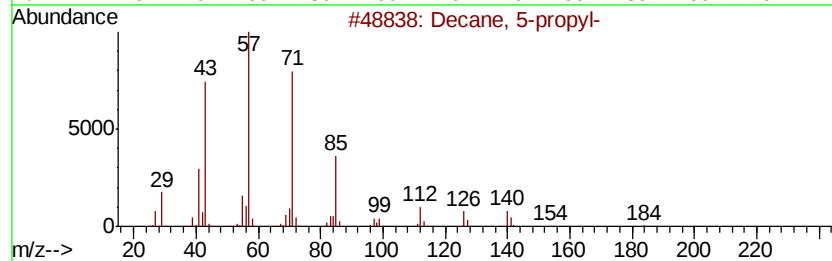
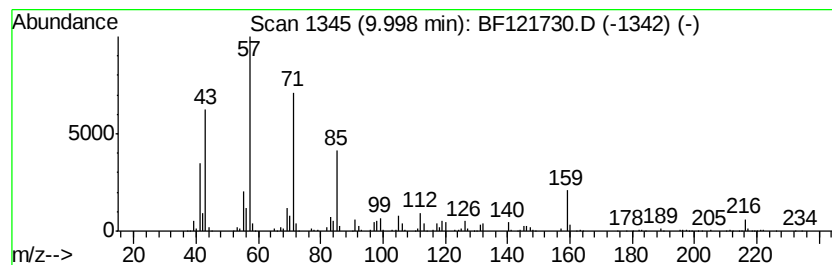
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	24.93 ng	1845000	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 5-propyl-	184 C13H28	017312-62-8	64
2	Tridecane, 7-propyl-	226 C16H34	055045-09-5	55
3	Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0	50
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	49
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
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Sample : L4154-01
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ClientSampleId :
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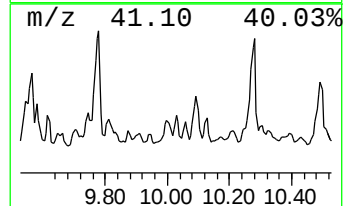
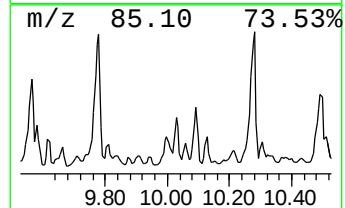
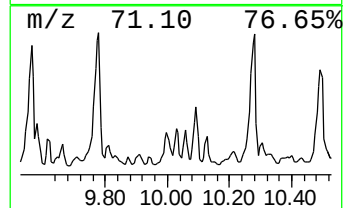
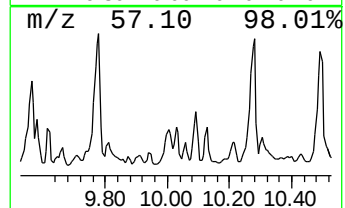
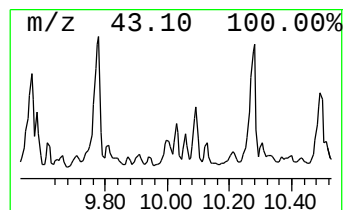
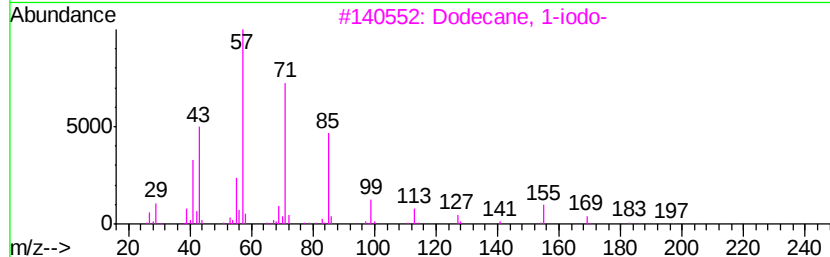
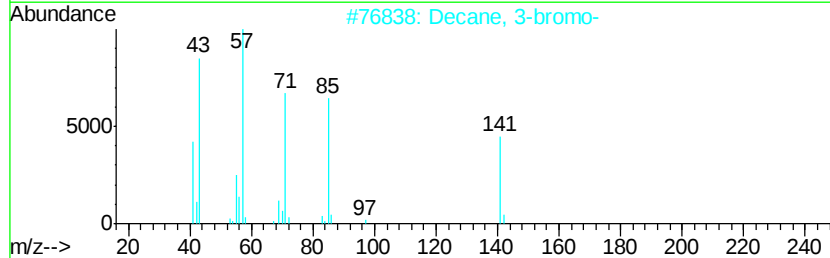
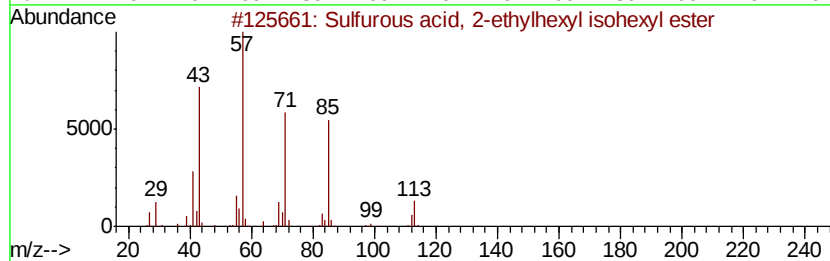
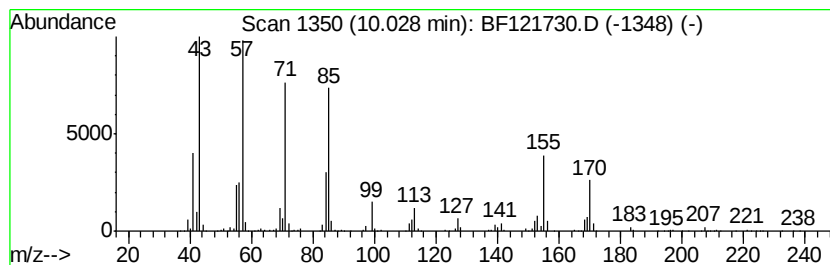
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	23.99 ng	1775400	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	52
2		Decane, 3-bromo-	220	C10H21Br	030571-71-2	49
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
4		Octane, 2-methyl-	128	C9H20	003221-61-2	43
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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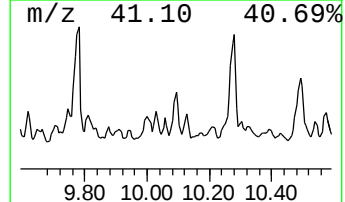
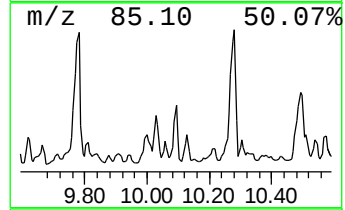
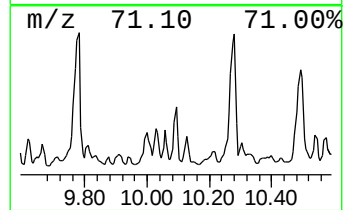
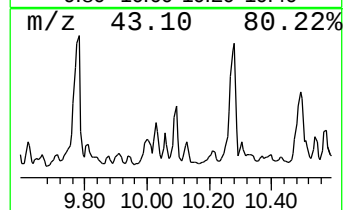
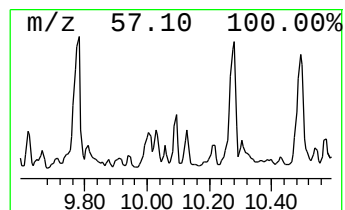
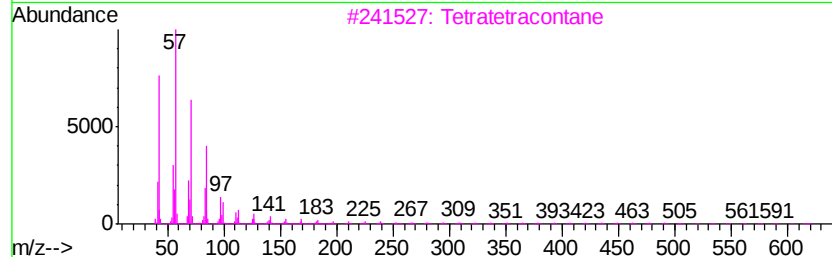
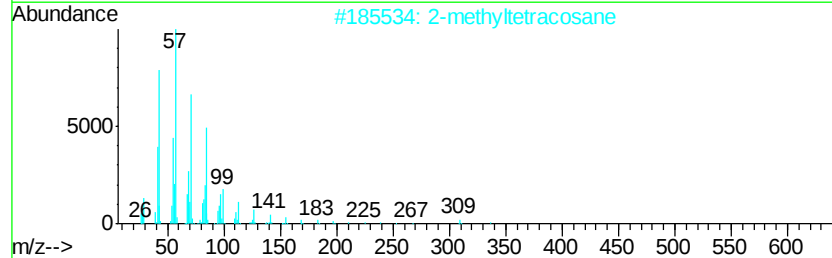
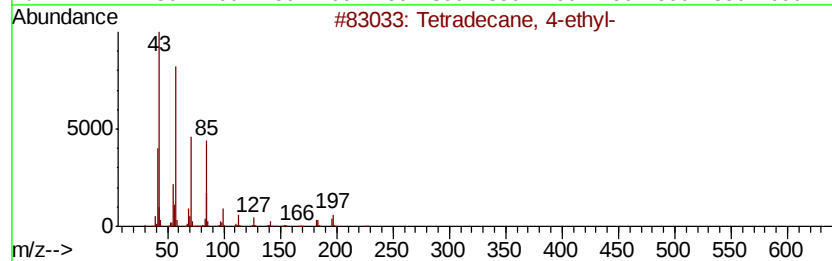
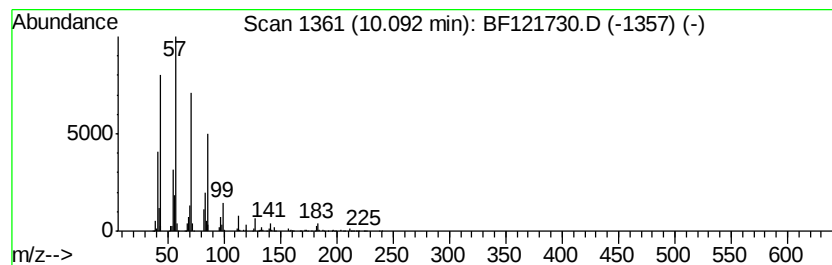
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	37.58 ng	2781530	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane, 4-ethyl-	226 C16H34	055045-14-2 87
2		2-methyltetracosane	352 C25H52	1000376-72-6 86
3		Tetratetracontane	619 C44H90	007098-22-8 86
4		2-Bromotetradecane	276 C14H29Br	074036-95-6 80
5		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
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Sample : L4154-01
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ALS Vial : 9 Sample Multiplier: 1

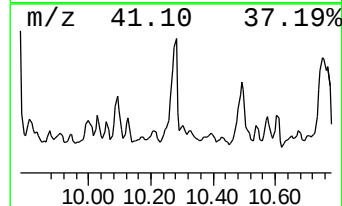
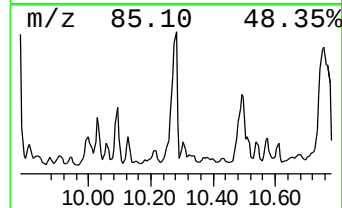
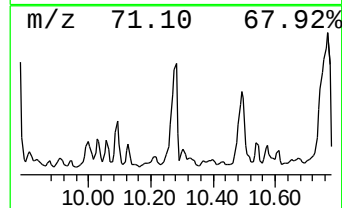
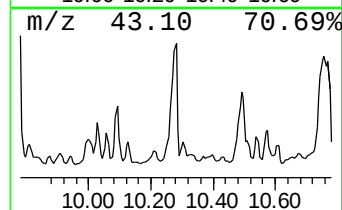
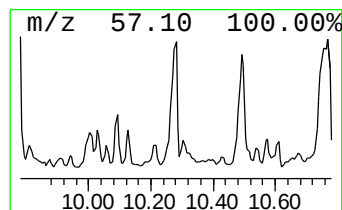
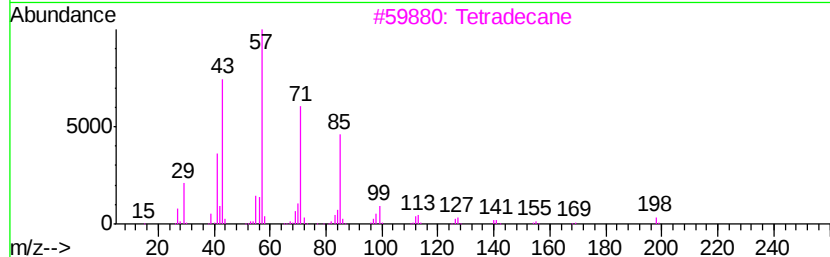
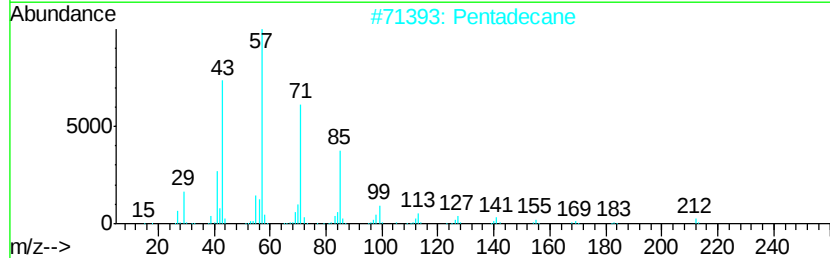
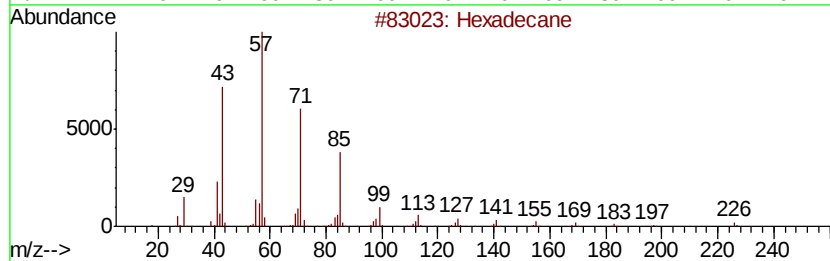
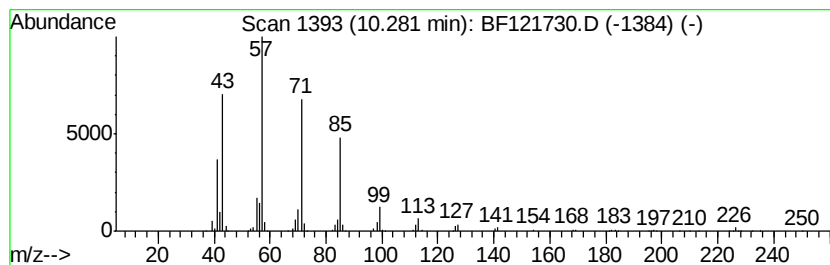
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	101.75 ng	7530430	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	90
4	Sulfurous acid, 2-propyl tetradec...	320 C17H36O3S	1000309-12-5	90
5	Tridecane	184 C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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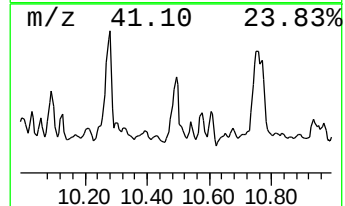
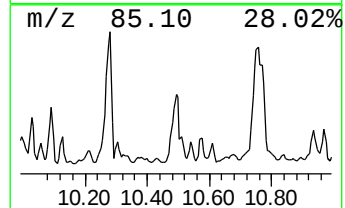
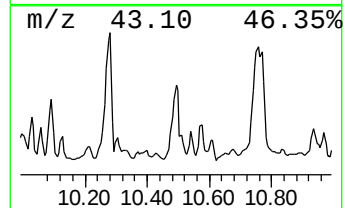
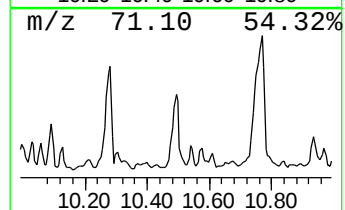
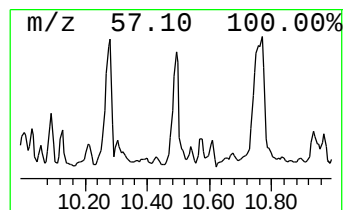
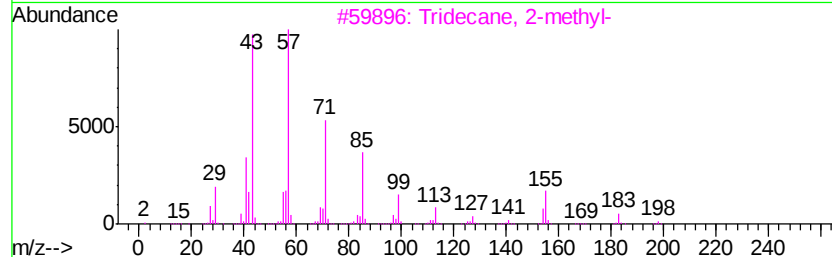
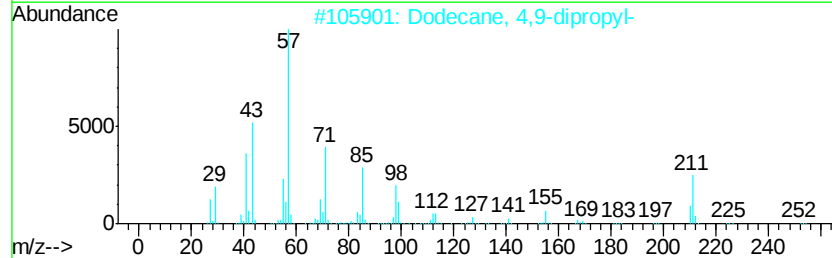
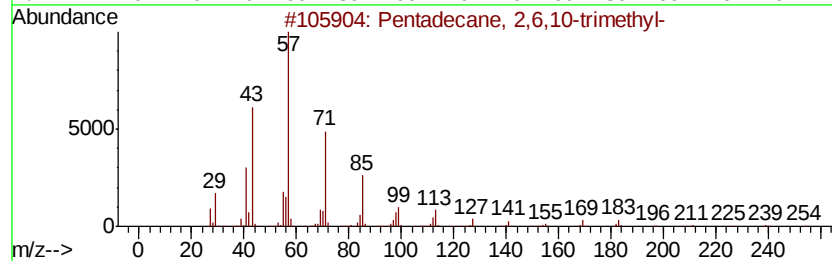
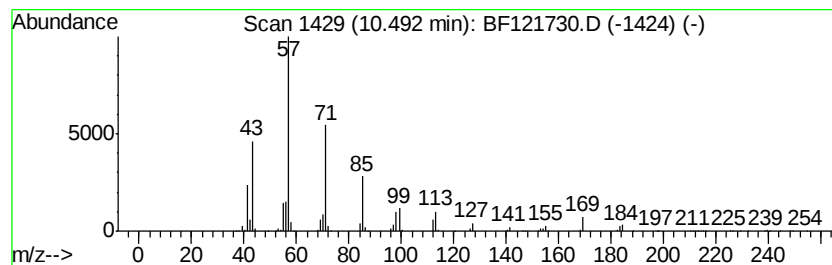
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	70.60 ng	5224630	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	83
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
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Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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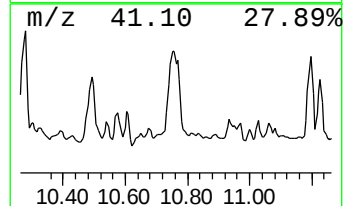
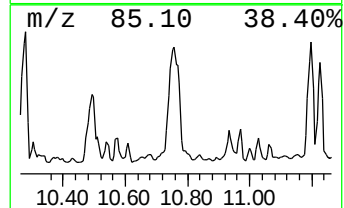
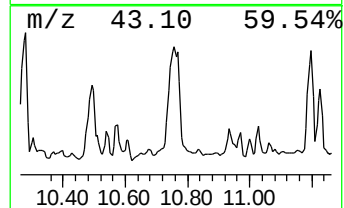
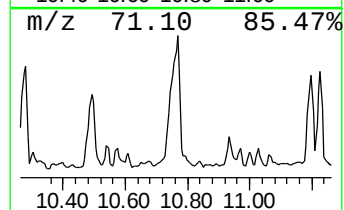
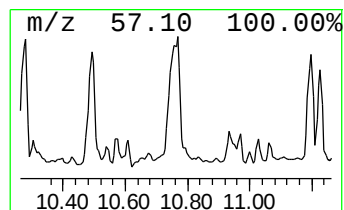
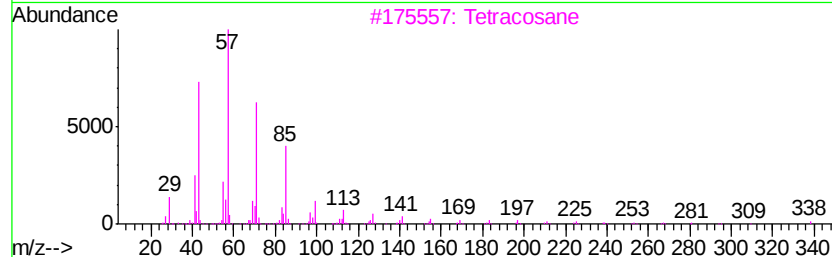
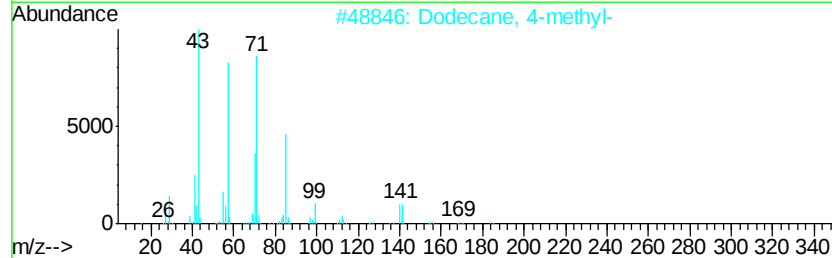
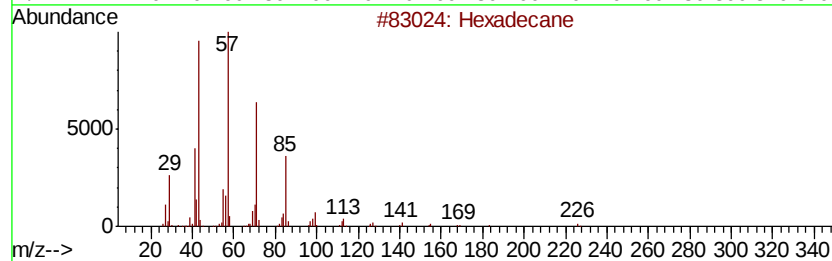
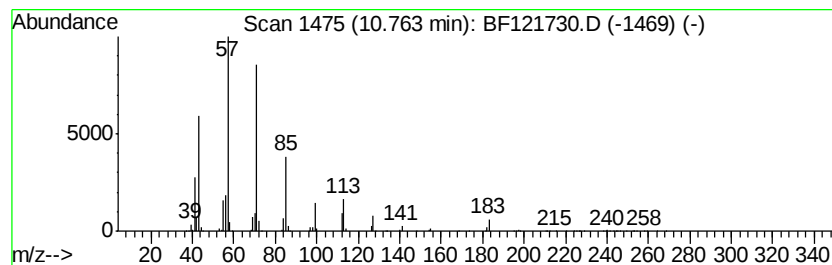
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	122.13 ng	6778640	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
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Instrument :
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ClientSampleId :
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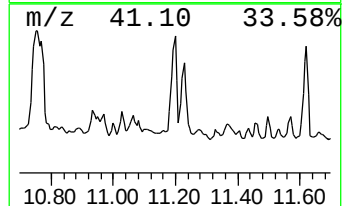
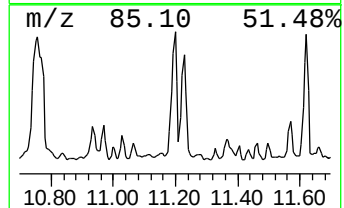
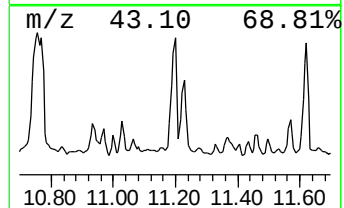
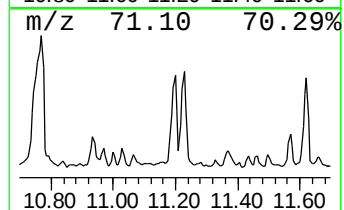
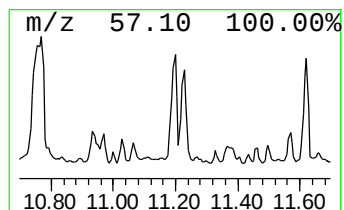
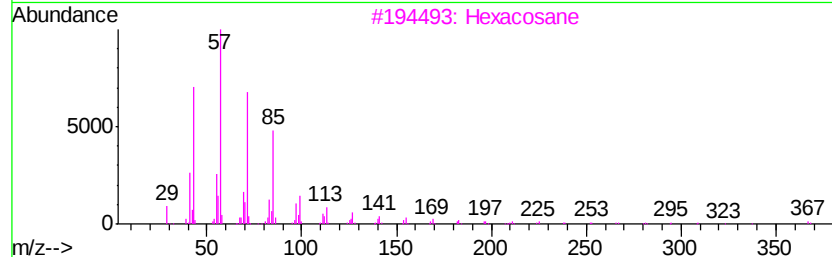
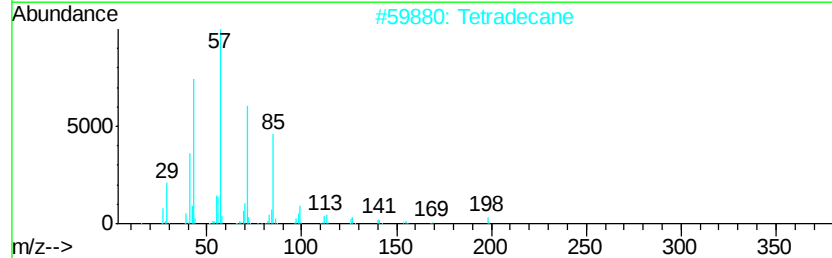
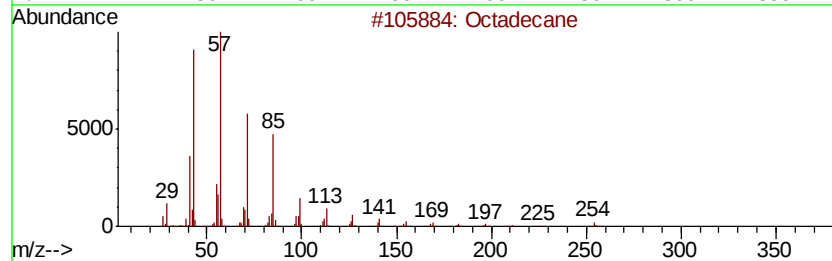
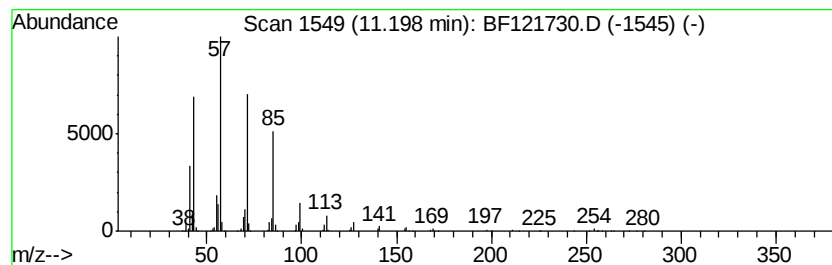
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	84.41 ng	4684830	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	92
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		10-Methylnonadecane	282	C20H42	056862-62-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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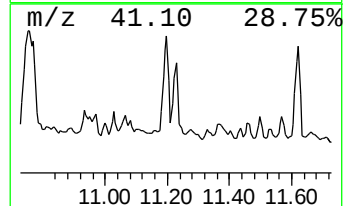
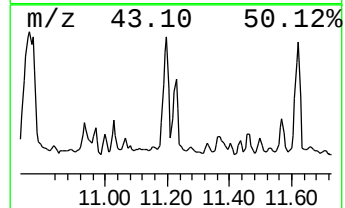
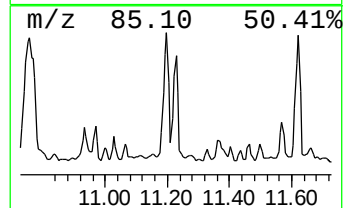
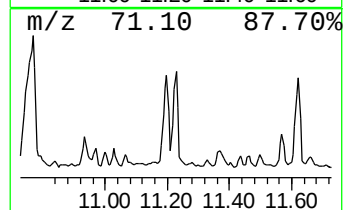
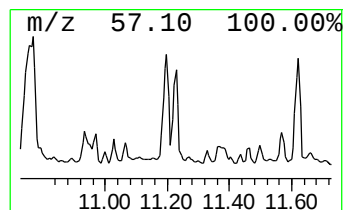
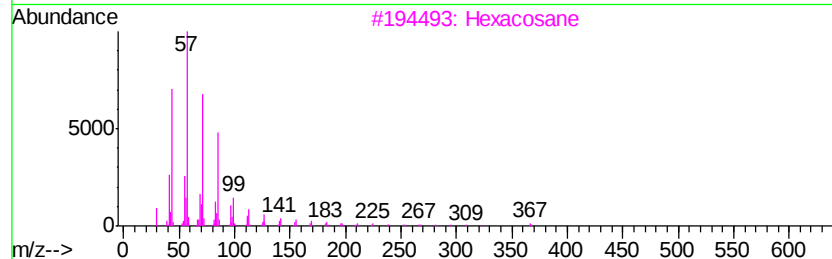
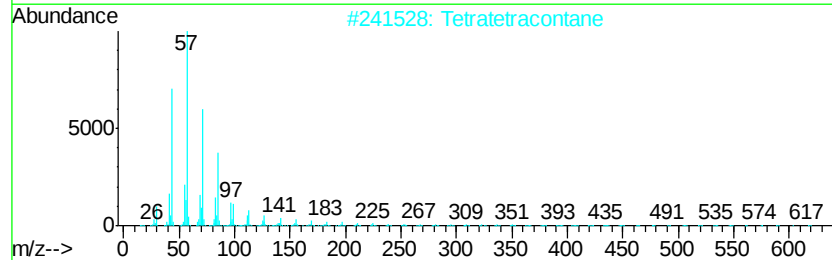
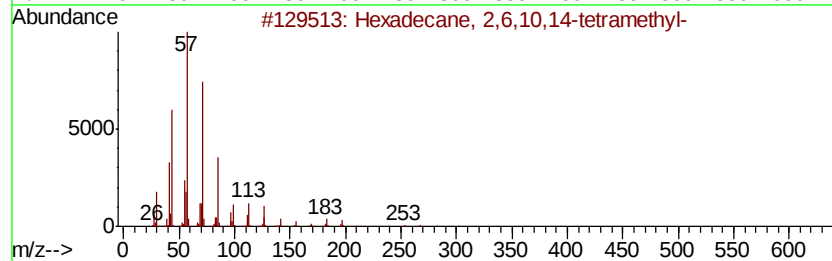
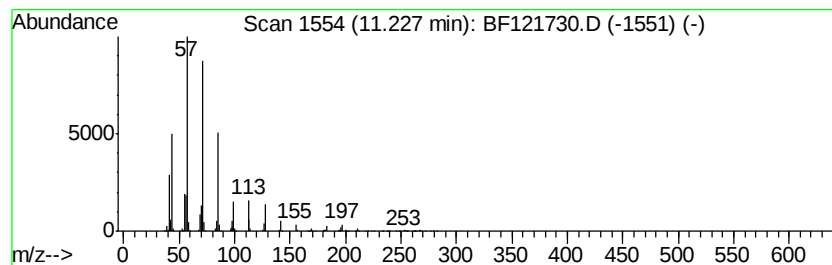
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	80.20 ng	4451170	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Decane, 2-methyl-	156	C11H24	006975-98-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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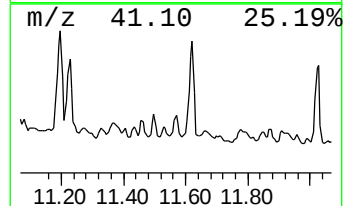
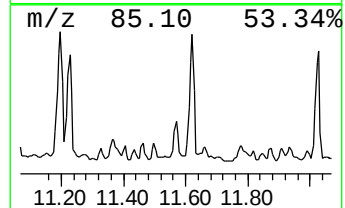
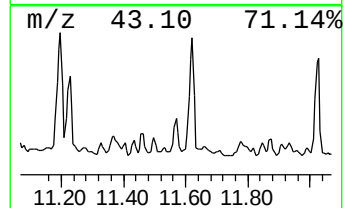
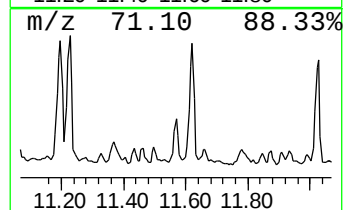
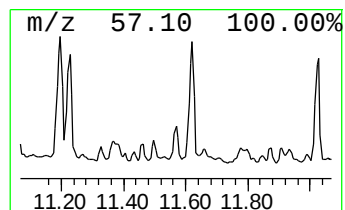
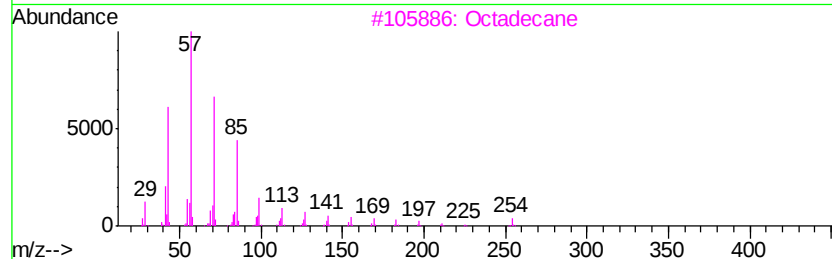
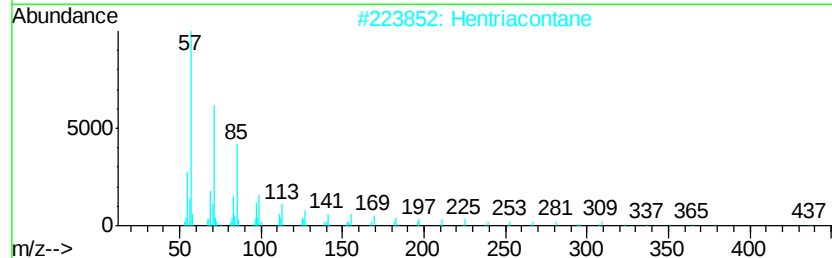
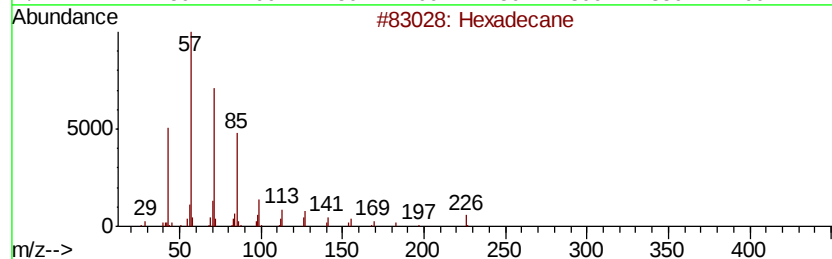
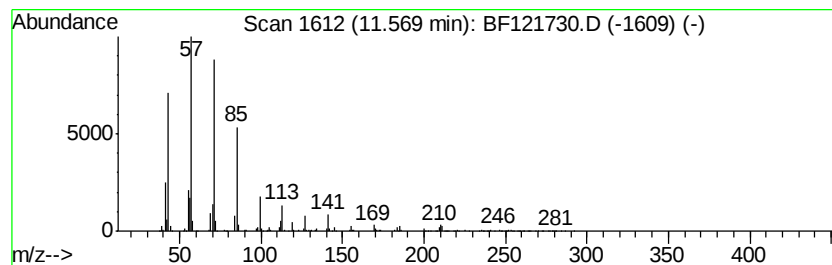
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	25.49 ng	1414640	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Hentriacontane		437	C31H64	000630-04-6	90
3	Octadecane		254	C18H38	000593-45-3	90
4	2-methyloctacosane		408	C29H60	1000376-72-8	90
5	2-Bromotetradecane		276	C14H29Br	074036-95-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
B-1(1-2)

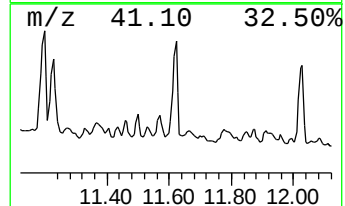
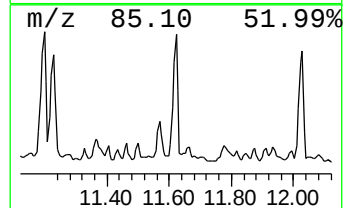
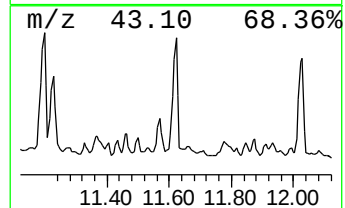
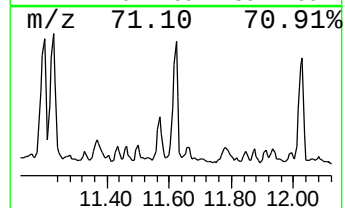
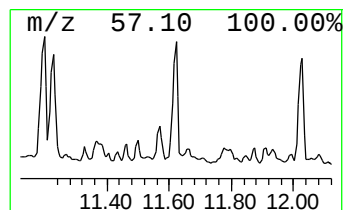
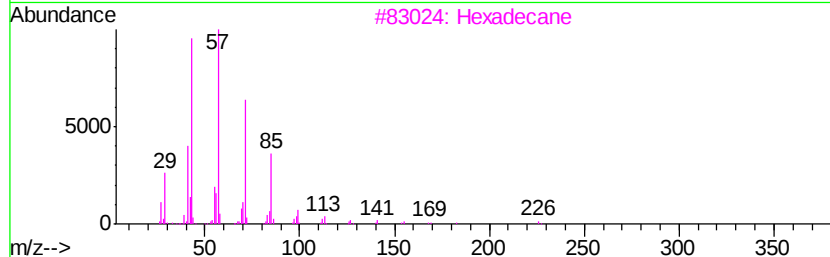
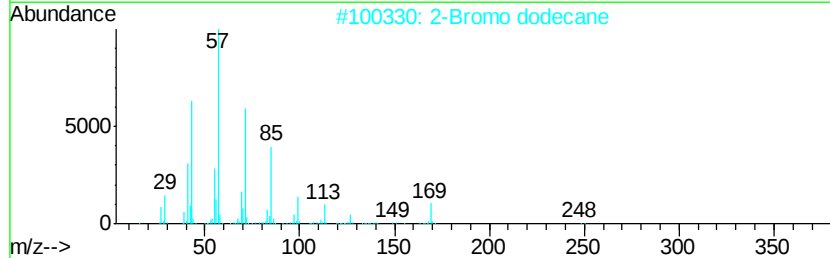
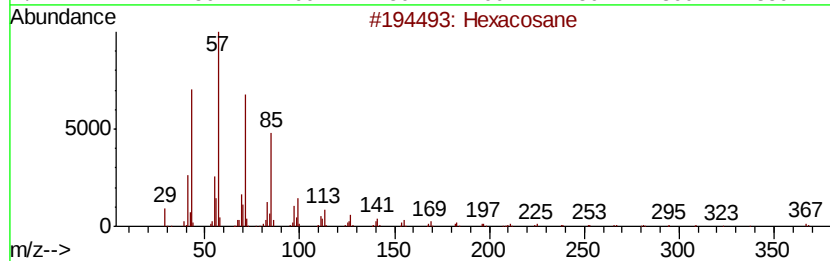
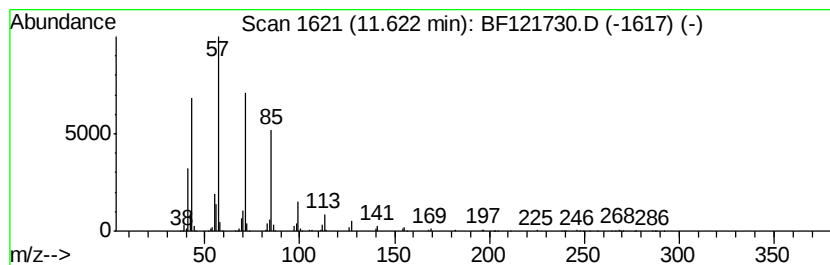
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	78.98 ng	4383870	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Decane, 3-methyl-	156	C11H24	013151-34-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-1(1-2)

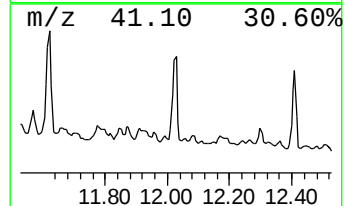
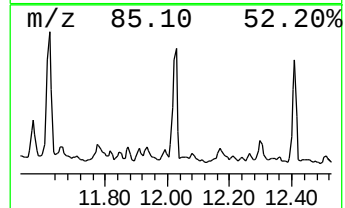
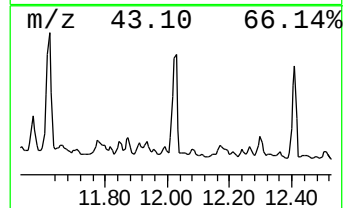
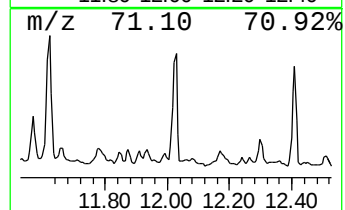
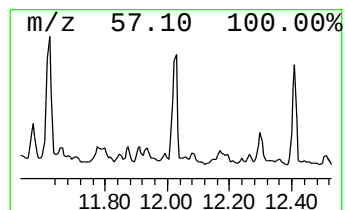
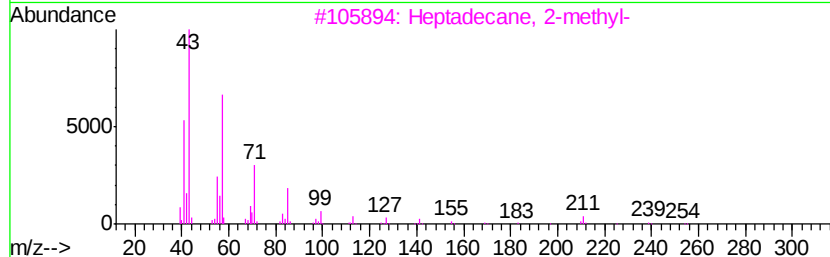
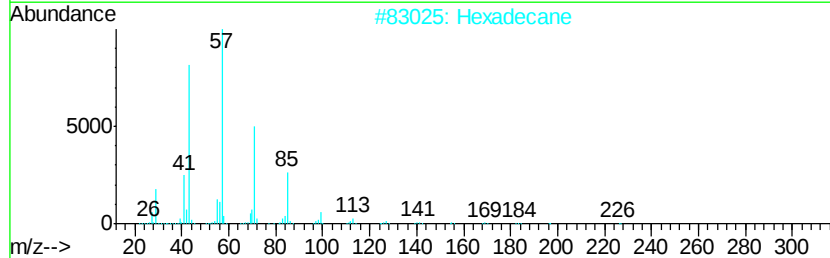
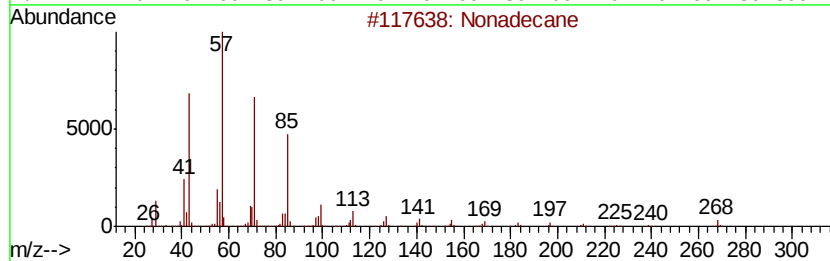
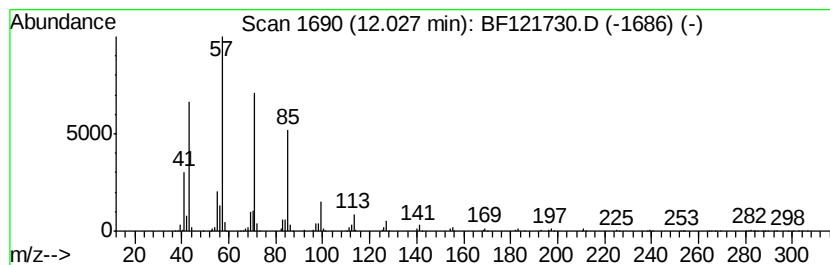
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	67.72 ng	3758750	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4		Heptacosane	380	C27H56	000593-49-7	83
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

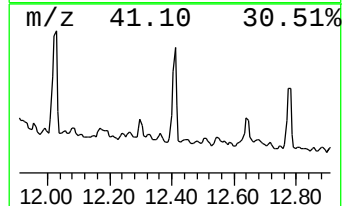
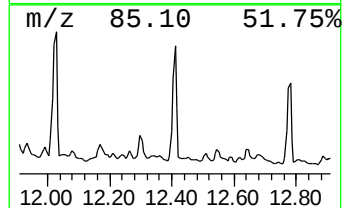
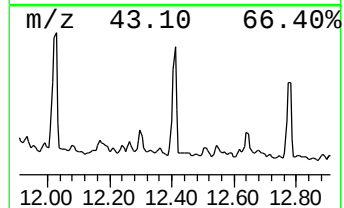
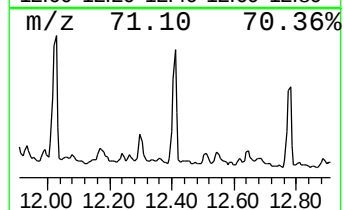
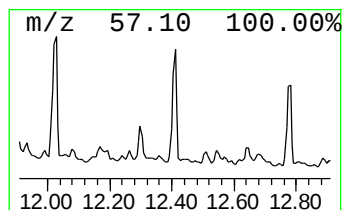
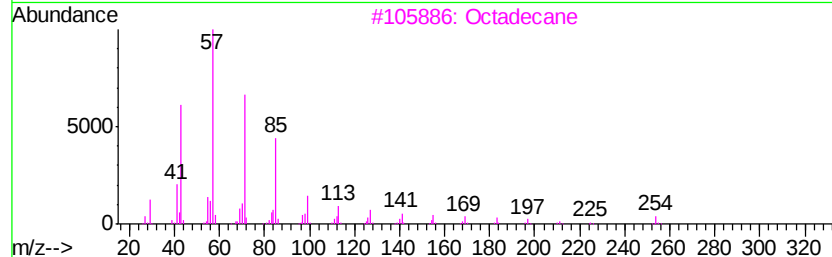
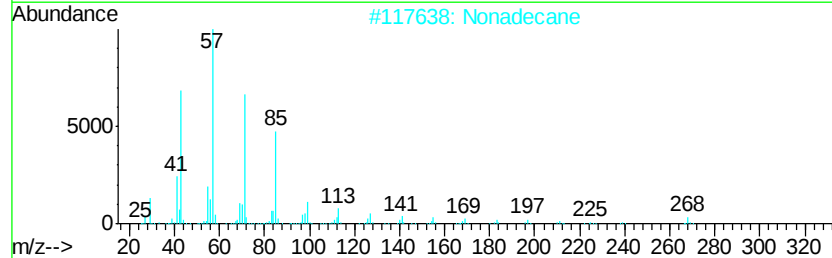
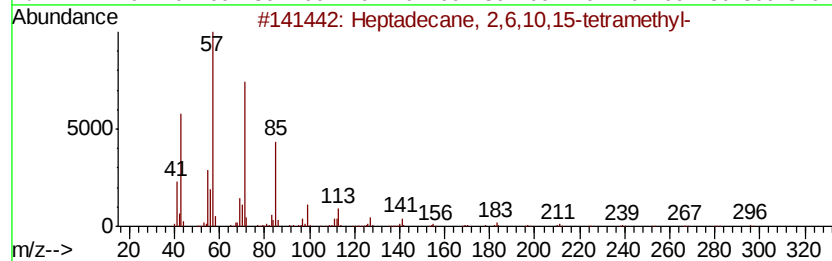
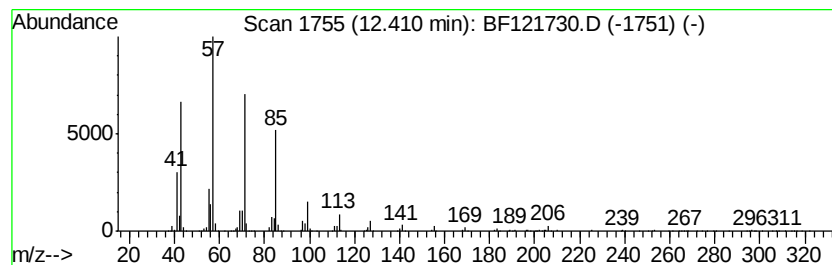
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	62.47 ng	3467510	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

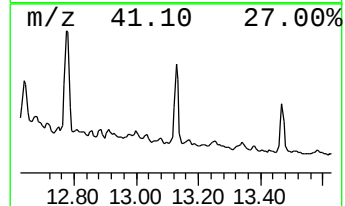
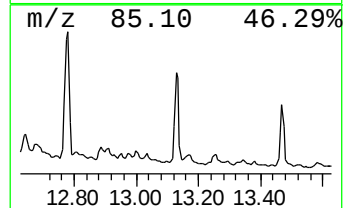
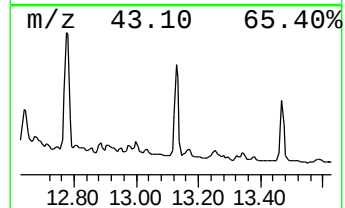
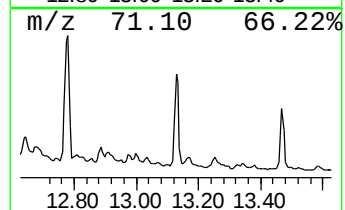
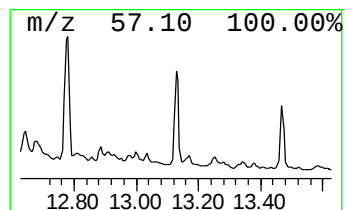
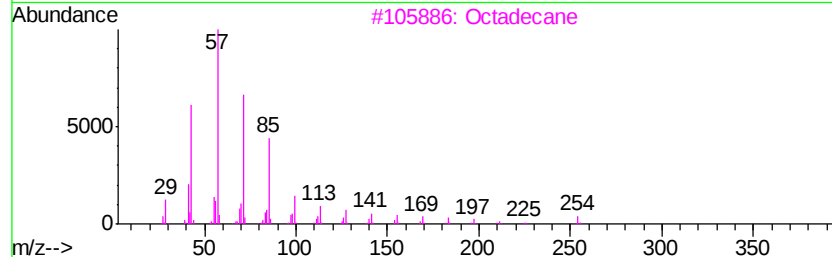
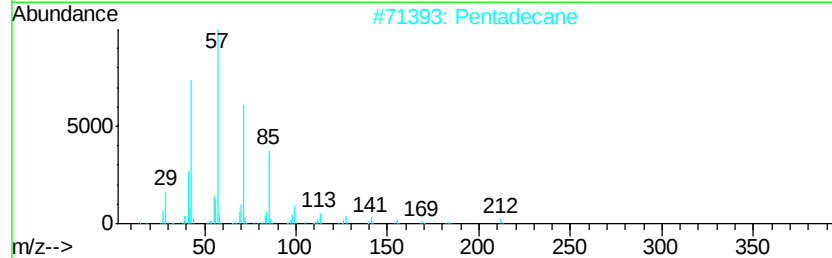
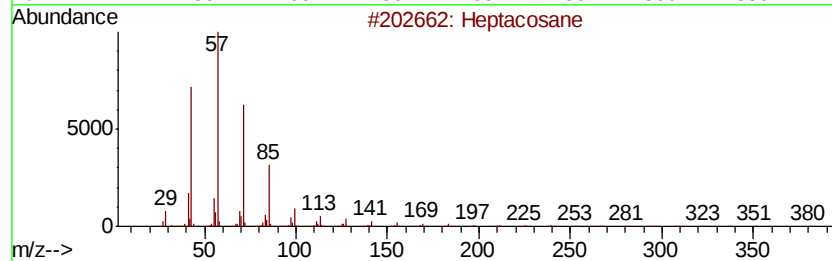
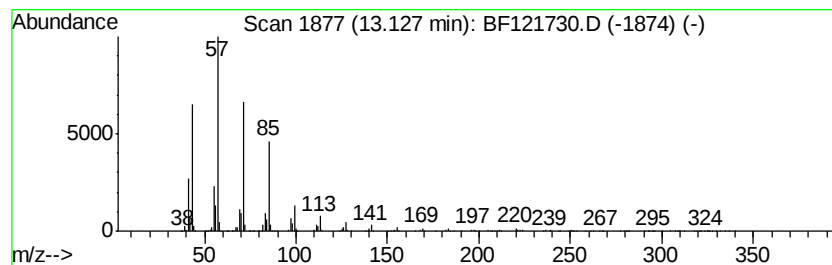
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	29.95 ng	1864990	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Pentacosane	352	C25H52	000629-99-2	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121730.D
Acq On : 29 Sep 2020 14:44
Operator : JU/CG
Sample : L4154-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(1-2)

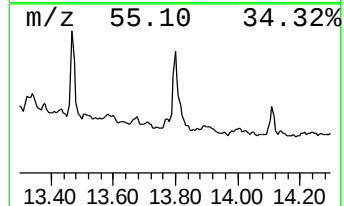
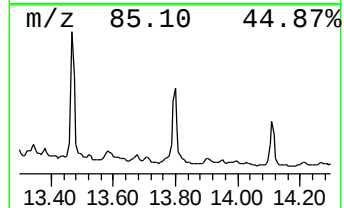
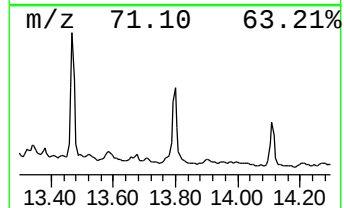
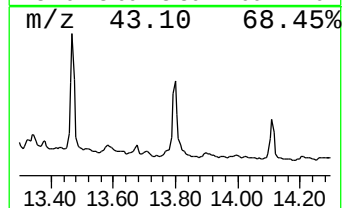
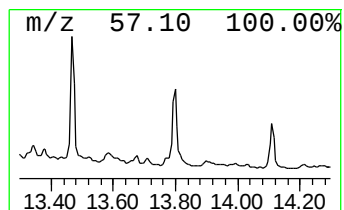
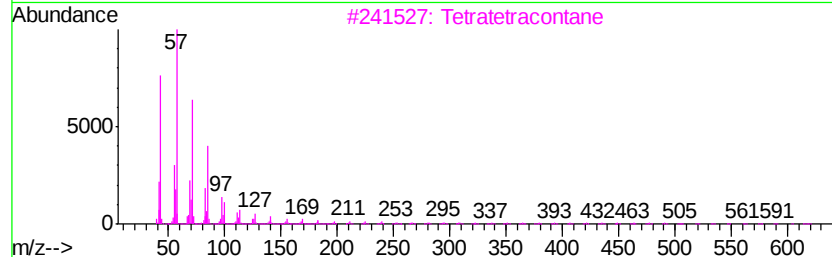
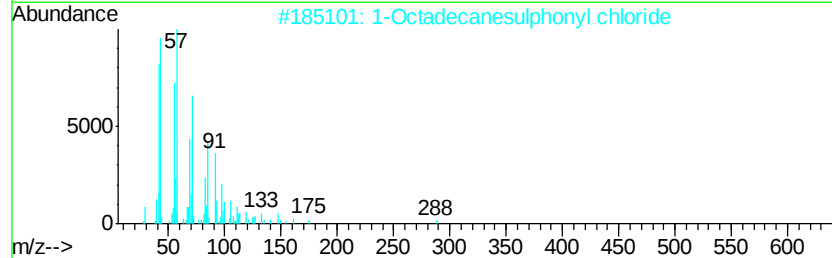
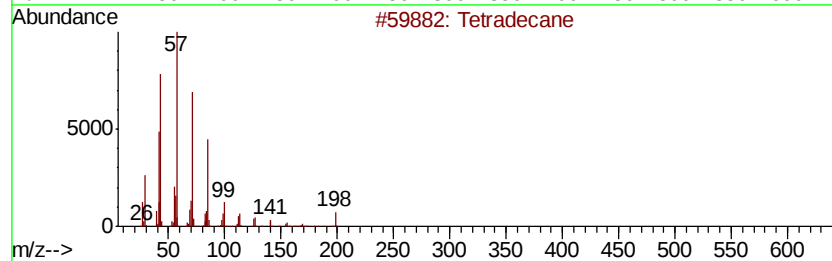
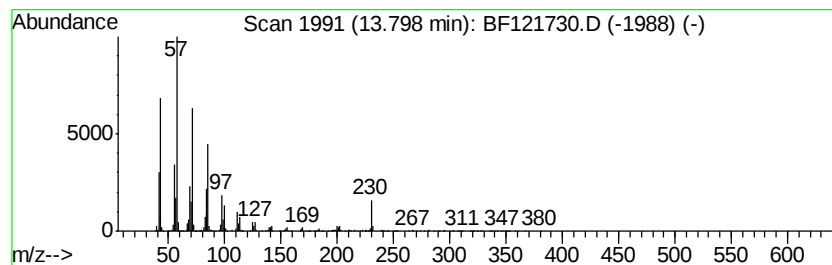
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	23.01 ng	1432920	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
5		Tritetracontane	605	C43H88	007098-21-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092920\
 Data File : BF121730.D
 Acq On : 29 Sep 2020 14:44
 Operator : JU/CG
 Sample : L4154-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(1-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Decane	6.62	19.4	ng	976739	1	6.78	1009700	20.0
Tridecane	8.67	24.0	ng	6087840	2	8.07	5070150	20.0
Tridecane, 2-methyl-	9.04	21.4	ng	1587610	3	9.83	1480160	20.0
Undecane, 2,9-dim...	9.07	20.5	ng	1517000	3	9.83	1480160	20.0
Decane, 2,3,5-tri...	9.25	114.5	ng	8473870	3	9.83	1480160	20.0
Pentadecane	9.78	76.7	ng	5673650	3	9.83	1480160	20.0
Decane, 5-propyl-	10.00	24.9	ng	1845000	3	9.83	1480160	20.0
Sulfurous acid, 2...	10.03	24.0	ng	1775400	3	9.83	1480160	20.0
Tetradecane, 4-et...	10.09	37.6	ng	2781530	3	9.83	1480160	20.0
Hexadecane	10.28	101.8	ng	7530430	3	9.83	1480160	20.0
Pentadecane, 2,6,...	10.49	70.6	ng	5224630	3	9.83	1480160	20.0
Tetracosane	10.76	122.1	ng	6778640	4	11.32	1110080	20.0
Octadecane	11.20	84.4	ng	4684830	4	11.32	1110080	20.0
Hexadecane, 2,6,1...	11.23	80.2	ng	4451170	4	11.32	1110080	20.0
Hentriacontane	11.57	25.5	ng	1414640	4	11.32	1110080	20.0
2-Bromo dodecane	11.62	79.0	ng	4383870	4	11.32	1110080	20.0
Nonadecane	12.03	67.7	ng	3758750	4	11.32	1110080	20.0
Heptadecane, 2,6,...	12.41	62.5	ng	3467510	4	11.32	1110080	20.0
Heptacosane	13.13	29.9	ng	1864990	5	13.95	1245340	20.0
Tetradecane	13.80	23.0	ng	1432920	5	13.95	1245340	20.0