

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061419\
 Data File : BF115066.D
 Acq On : 15 Jun 2019 3:02
 Operator : HP/JU
 Sample : K3366-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

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-BF061219.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	4.563	417	421	437	rBV	128811	163692	3.21%	0.167%
2	5.134	514	518	528	rBV	503697	557591	10.92%	0.569%
3	5.245	532	537	547	rVB	275805	311496	6.10%	0.318%
4	6.281	710	713	728	rBV	310056	344810	6.75%	0.352%
5	6.410	732	735	743	rVB	410233	358165	7.01%	0.365%
6	6.645	771	775	779	rBV	1815548	1474570	28.87%	1.505%
7	6.798	798	801	807	rVB	363686	319939	6.26%	0.326%
8	7.204	862	870	874	rBV	254701	277760	5.44%	0.283%
9	7.263	877	880	883	rVB	504533	375644	7.35%	0.383%
10	7.633	938	943	946	rBV2	179522	233218	4.57%	0.238%
11	7.698	951	954	957	rBV	294526	244196	4.78%	0.249%
12	7.928	989	993	999	rVV2	3576758	3573030	69.96%	3.646%
13	8.010	1005	1007	1009	rBV	672630	453737	8.88%	0.463%
14	8.104	1020	1023	1026	rBV2	181442	204427	4.00%	0.209%
15	8.228	1040	1044	1046	rBV3	759593	856010	16.76%	0.873%
16	8.257	1046	1049	1052	rVV2	436602	603443	11.82%	0.616%
17	8.292	1052	1055	1057	rVV2	568915	524101	10.26%	0.535%
18	8.322	1057	1060	1064	rVV	705182	694752	13.60%	0.709%
19	8.369	1064	1068	1077	rVV	1473791	1742745	34.12%	1.778%
20	8.480	1084	1087	1089	rVV3	203112	231299	4.53%	0.236%
21	8.539	1093	1097	1100	rVV	4140438	3855181	75.48%	3.934%
22	8.598	1102	1107	1110	rVV3	478192	952219	18.64%	0.972%
23	8.633	1110	1113	1116	rVV2	676783	843860	16.52%	0.861%
24	8.663	1116	1118	1122	rVV4	154866	255308	5.00%	0.260%
25	8.698	1122	1124	1127	rVV2	261455	301013	5.89%	0.307%
26	8.751	1127	1133	1138	rVV5	372262	864427	16.93%	0.882%
27	8.798	1138	1141	1142	rVV3	225694	224450	4.39%	0.229%
28	8.822	1142	1145	1146	rVV	877587	822456	16.10%	0.839%
29	8.839	1146	1148	1151	rVV2	850631	1008333	19.74%	1.029%
30	8.869	1151	1153	1155	rVV	722450	586235	11.48%	0.598%
31	8.904	1156	1159	1161	rVV	1024099	973660	19.06%	0.993%
32	8.939	1163	1165	1168	rVV	842902	929267	18.19%	0.948%
33	8.969	1168	1170	1172	rVV	1621740	1247238	24.42%	1.273%
34	9.004	1172	1176	1180	rVV2	657261	802350	15.71%	0.819%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.057	1180	1185	1188	rVV3	336665	607665	11.90%	0.620%
36	9.104	1188	1193	1198	rVV	5066009	5107347	100.00%	5.211%
37	9.145	1198	1200	1204	rVV2	532727	760107	14.88%	0.776%
38	9.180	1204	1206	1208	rVV	386581	316839	6.20%	0.323%
39	9.216	1210	1212	1215	rVB	261178	223724	4.38%	0.228%
40	9.257	1215	1219	1222	rBV5	221555	353145	6.91%	0.360%
41	9.286	1222	1224	1227	rVV	215016	192805	3.78%	0.197%
42	9.316	1227	1229	1232	rVV3	141098	180087	3.53%	0.184%
43	9.351	1232	1235	1238	rVV2	703707	939665	18.40%	0.959%
44	9.375	1238	1239	1241	rVV	582752	431020	8.44%	0.440%
45	9.422	1242	1247	1249	rVV	1776769	2196483	43.01%	2.241%
46	9.439	1249	1250	1254	rVV	951252	714054	13.98%	0.729%
47	9.480	1254	1257	1259	rVB	699001	551312	10.79%	0.563%
48	9.504	1259	1261	1263	rBV3	197890	167006	3.27%	0.170%
49	9.563	1268	1271	1274	rBV3	199818	270771	5.30%	0.276%
50	9.598	1274	1277	1279	rVV	355443	322105	6.31%	0.329%
51	9.627	1279	1282	1285	rVV	3200304	2809856	55.02%	2.867%
52	9.674	1286	1290	1298	rVV3	2554051	2807244	54.96%	2.864%
53	9.798	1308	1311	1314	rVB	1239453	1004348	19.66%	1.025%
54	9.857	1317	1321	1324	rBV2	878088	1194819	23.39%	1.219%
55	9.886	1324	1326	1329	rVV	687509	579898	11.35%	0.592%
56	9.916	1329	1331	1334	rVV	634596	532771	10.43%	0.544%
57	9.951	1334	1337	1340	rVB	1330358	1189239	23.28%	1.213%
58	9.986	1340	1343	1346	rBV	650420	553727	10.84%	0.565%
59	10.057	1352	1355	1356	rBV2	313764	308108	6.03%	0.314%
60	10.092	1358	1361	1364	rVB	1006537	905290	17.73%	0.924%
61	10.127	1364	1367	1369	rBV	4272703	3557147	69.65%	3.629%
62	10.345	1399	1404	1407	rBV	1891311	2528867	49.51%	2.580%
63	10.398	1410	1413	1415	rVB	591538	511222	10.01%	0.522%
64	10.427	1415	1418	1421	rBV	807143	737478	14.44%	0.752%
65	10.463	1421	1424	1427	rVB2	764983	803122	15.72%	0.819%
66	10.598	1444	1447	1449	rBV	4130119	4470067	87.52%	4.561%
67	10.792	1477	1480	1483	rVV3	580635	711813	13.94%	0.726%
68	10.821	1483	1485	1488	rVB	504630	382623	7.49%	0.390%
69	10.851	1488	1490	1493	rVB	400307	339334	6.64%	0.346%
70	10.880	1493	1495	1498	rBV	491930	476793	9.34%	0.486%
71	10.916	1499	1501	1506	rVB3	547998	629627	12.33%	0.642%

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72	11.016	1515	1518	1520	rBV3	339472	295338	5.78%	0.301%
73	11.045	1520	1523	1525	rBV	3294288	2740549	53.66%	2.796%
74	11.074	1525	1528	1534	rVB	1895703	1868176	36.58%	1.906%
75	11.151	1538	1541	1543	rBV	1754667	1370560	26.84%	1.398%
76	11.174	1543	1545	1550	rVB3	269850	307802	6.03%	0.314%
77	11.221	1550	1553	1557	rBV2	331330	457283	8.95%	0.467%
78	11.286	1562	1564	1566	rBV2	242255	182041	3.56%	0.186%
79	11.310	1566	1568	1572	rBV	350768	322806	6.32%	0.329%
80	11.351	1573	1575	1577	rVB	436507	300033	5.87%	0.306%
81	11.380	1578	1580	1582	rBV	257076	214724	4.20%	0.219%
82	11.421	1585	1587	1590	rVB	571360	481114	9.42%	0.491%
83	11.468	1592	1595	1598	rBV	2638819	2196598	43.01%	2.241%
84	11.627	1619	1622	1624	rBV2	521334	624344	12.22%	0.637%
85	11.727	1636	1639	1642	rVB3	516690	469524	9.19%	0.479%
86	11.763	1642	1645	1648	rBV3	807063	1017806	19.93%	1.038%
87	11.845	1657	1659	1661	rBV2	363187	322435	6.31%	0.329%
88	11.874	1661	1664	1668	rVV	2213052	1979542	38.76%	2.020%
89	11.939	1672	1675	1677	rVV2	415117	443458	8.68%	0.452%
90	12.027	1687	1690	1695	rBV4	736887	1302546	25.50%	1.329%
91	12.157	1709	1712	1715	rBV	1152451	1113337	21.80%	1.136%
92	12.263	1727	1730	1733	rBV	1475718	1239373	24.27%	1.265%
93	12.404	1751	1754	1757	rBV	1158880	1525448	29.87%	1.556%
94	12.474	1764	1766	1768	rBV	629169	660685	12.94%	0.674%
95	12.604	1786	1788	1791	rBV	652835	555886	10.88%	0.567%
96	12.633	1791	1793	1796	rBV2	980646	1046334	20.49%	1.068%
97	12.839	1826	1828	1830	rBV2	925748	891620	17.46%	0.910%
98	13.115	1873	1875	1879	rBV	1159306	1244372	24.36%	1.270%
99	14.080	2037	2039	2045	rVB	1361141	1575292	30.84%	1.607%
100	14.145	2046	2050	2056	rBV	3040625	3681254	72.08%	3.756%

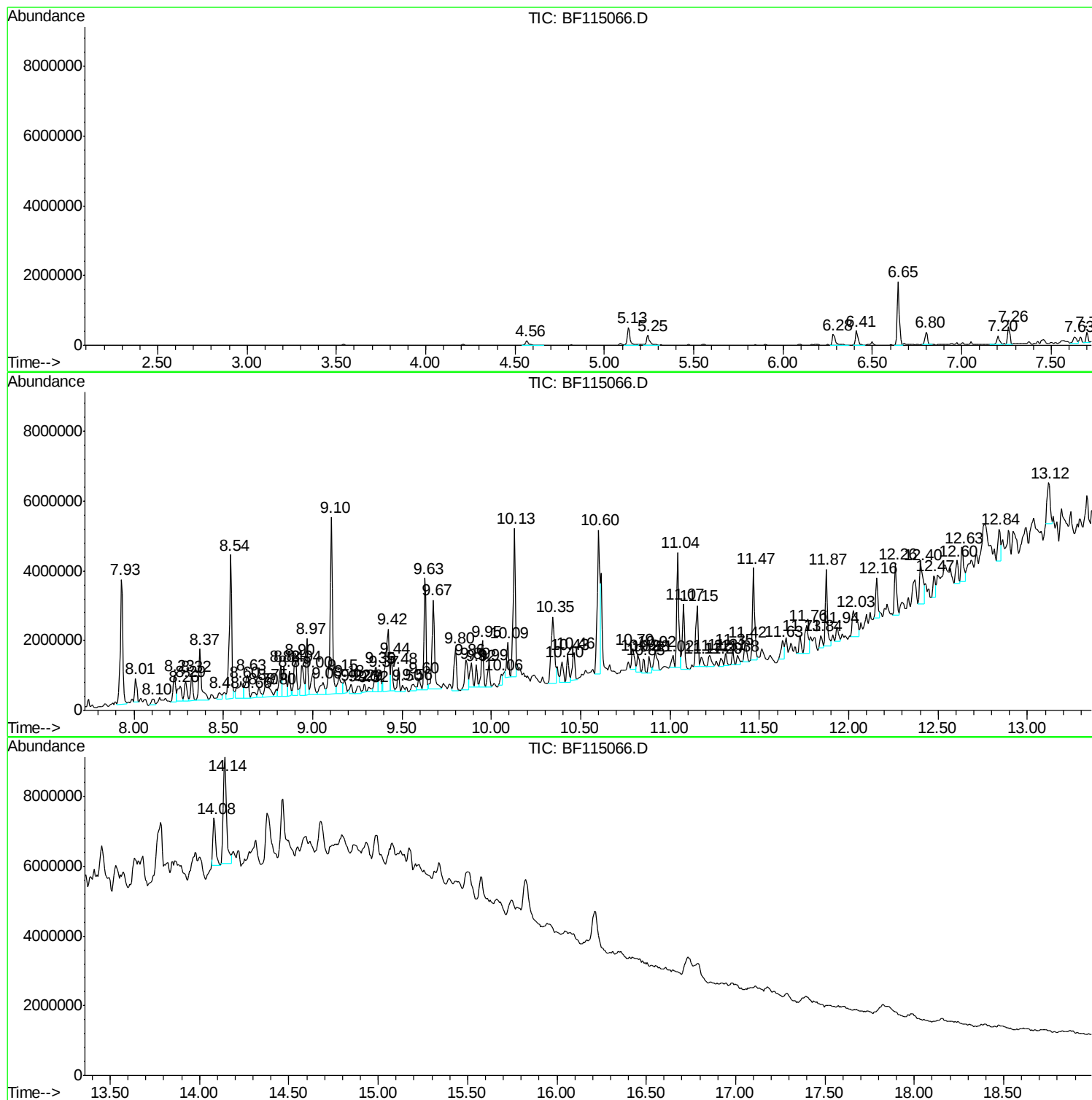
Sum of corrected areas: 98008430

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
OILY-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.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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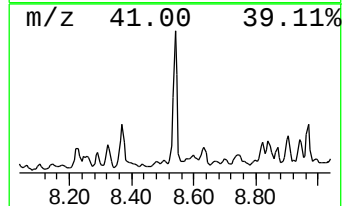
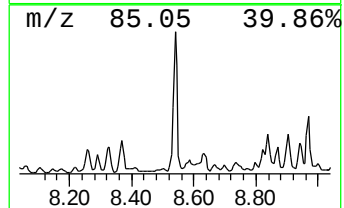
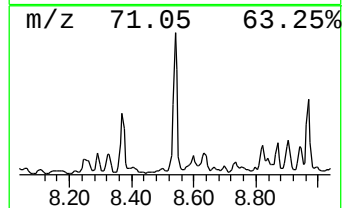
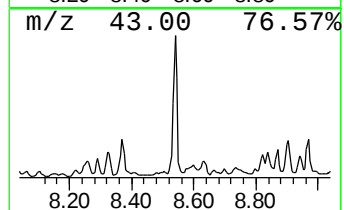
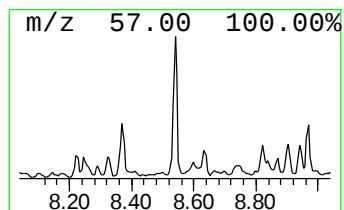
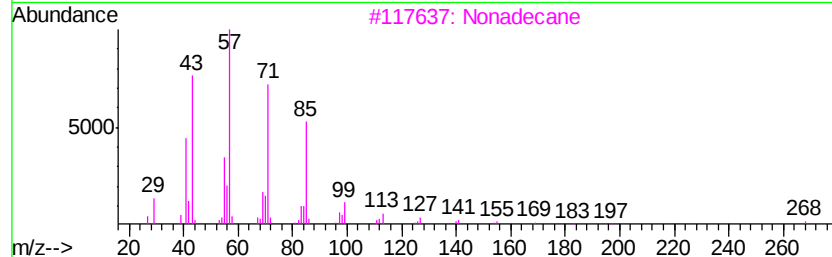
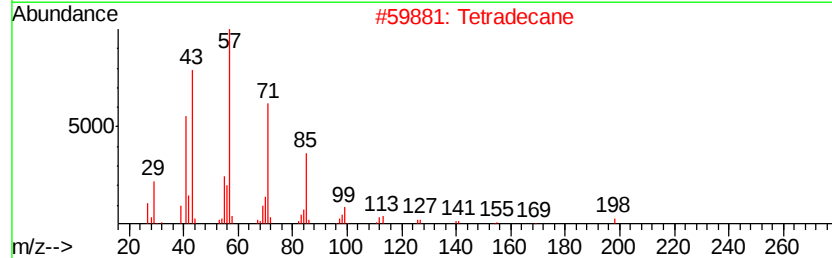
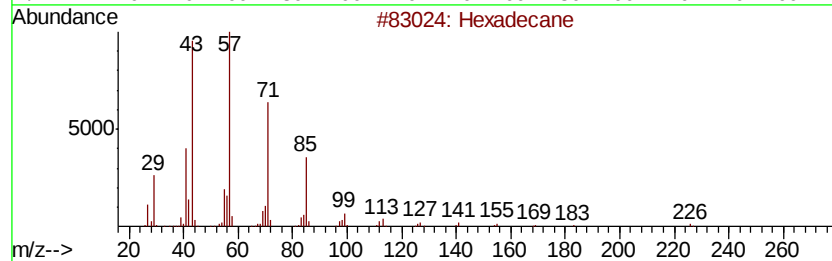
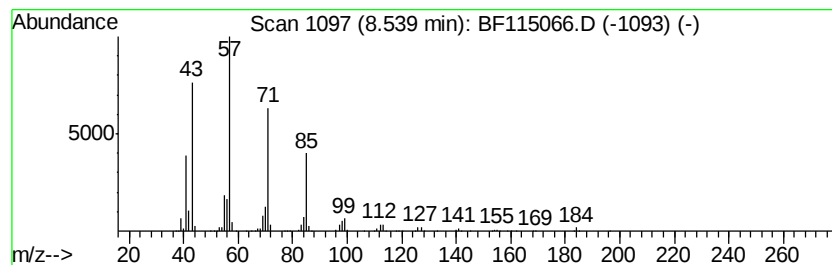
Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.54	21.58 ng	3855180	Naphthalene-d8	7.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Nonadecane		268	C19H40	000629-92-5	90
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
5	Tridecane		184	C13H28	000629-50-5	83



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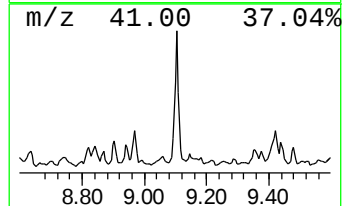
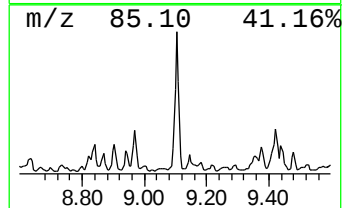
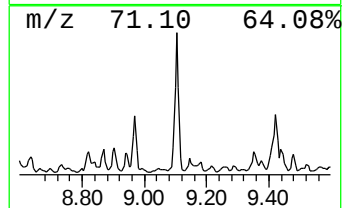
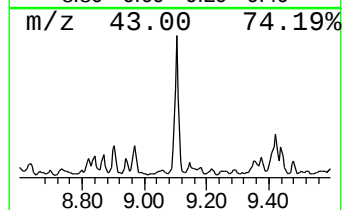
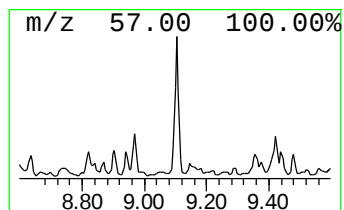
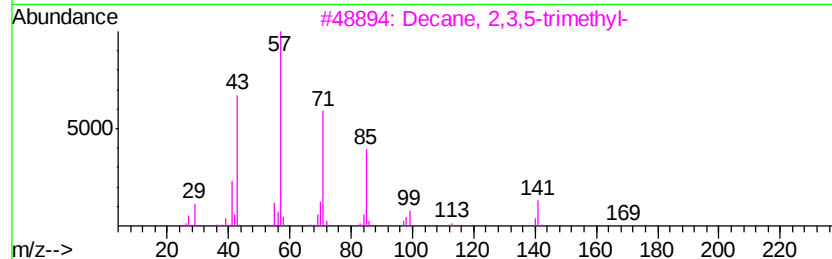
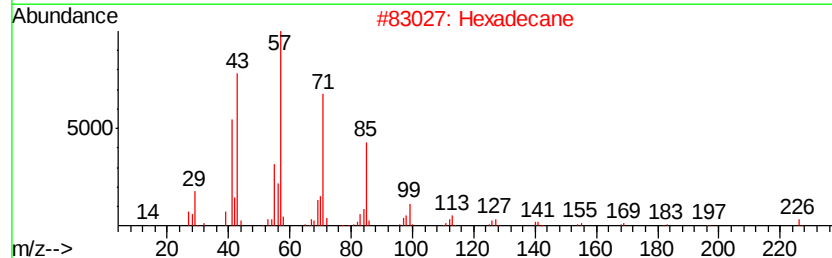
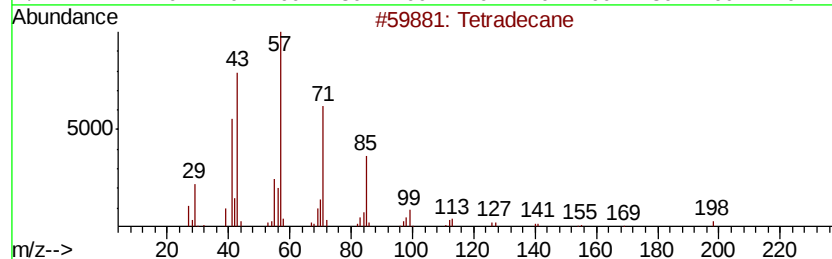
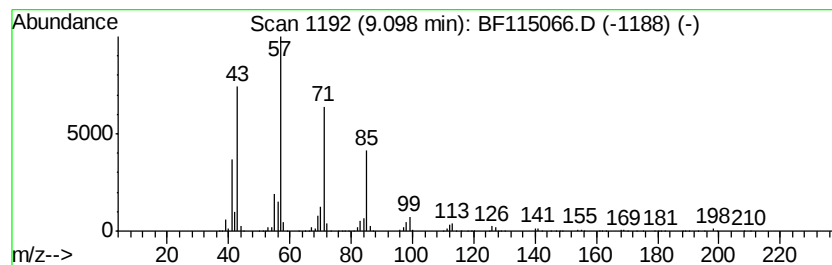
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	36.39 ng	5107350	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		Tridecane	184	C13H28	000629-50-5	72
5		Dodecane	170	C12H26	000112-40-3	64



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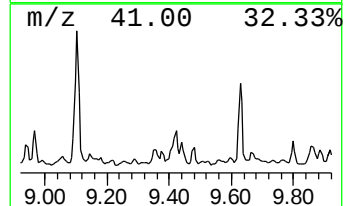
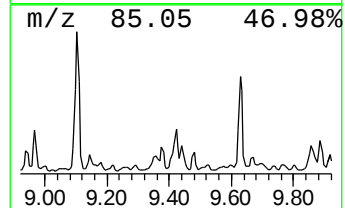
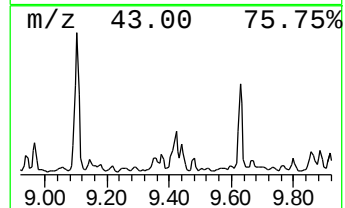
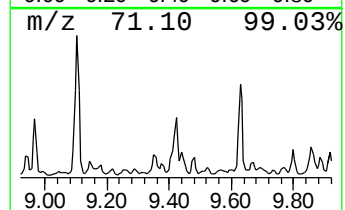
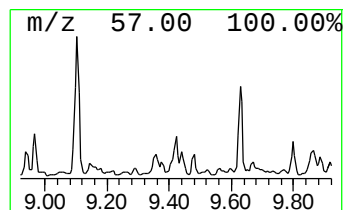
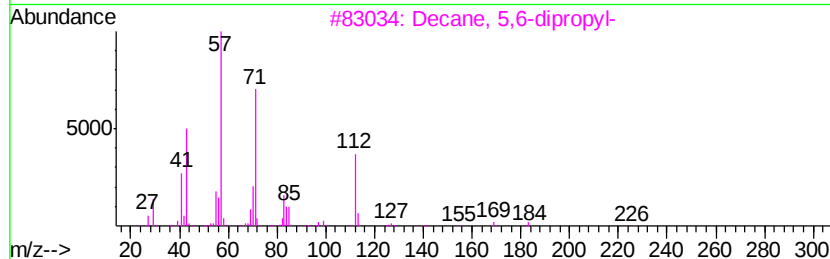
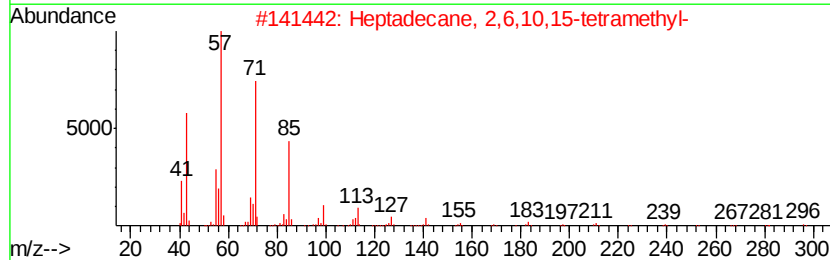
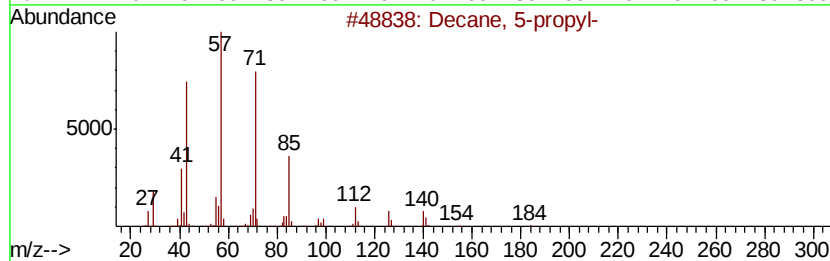
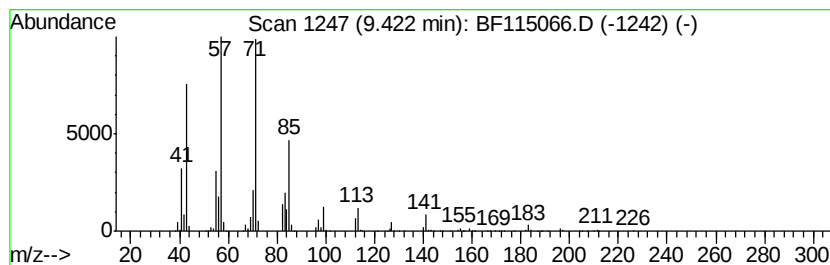
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	15.65 ng	2196480	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	76
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



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Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
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Sample : K3366-01 5X
Misc :
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ClientSampleId :
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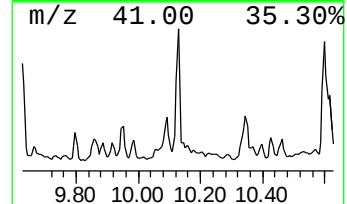
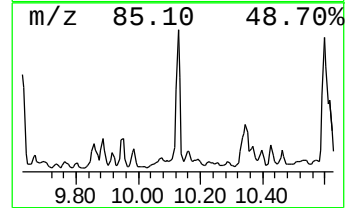
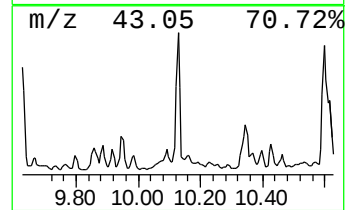
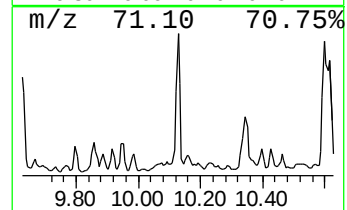
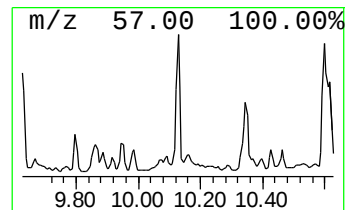
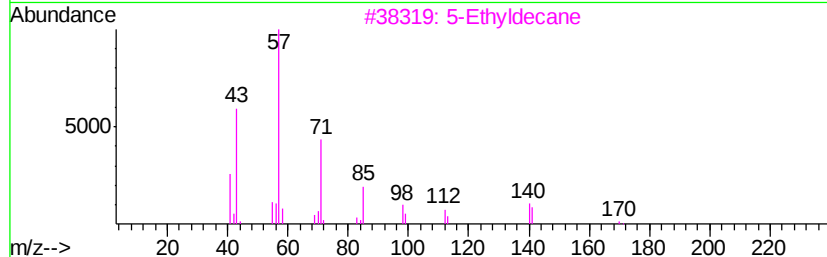
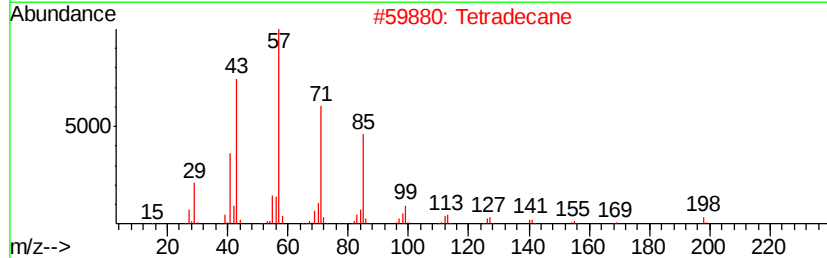
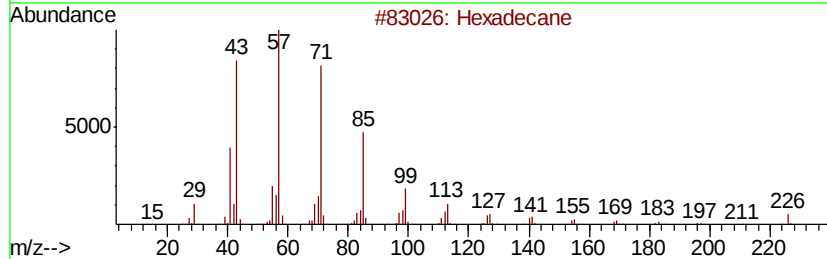
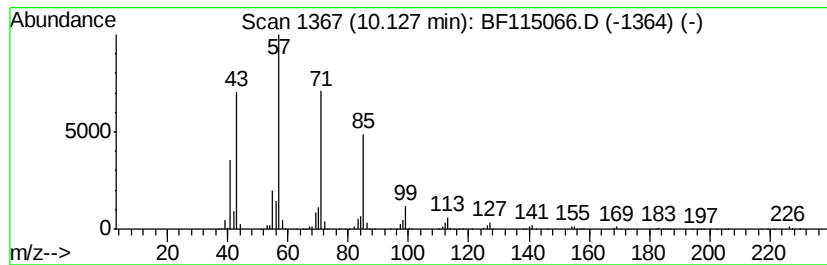
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 5-Ethyldecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	25.34 ng	3557150	Acenaphthene-d10	9.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Tetradecane	198	C14H30	000629-59-4	91
3		5-Ethyldecane	170	C12H26	017302-36-2	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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Instrument :
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ClientSampleId :
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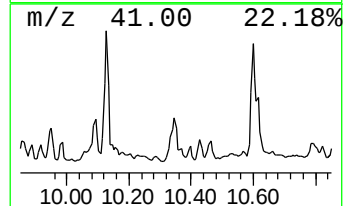
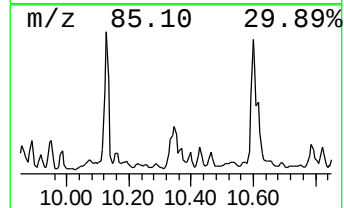
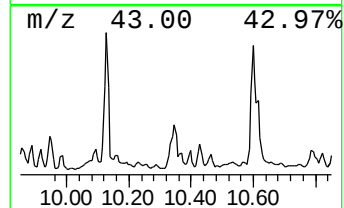
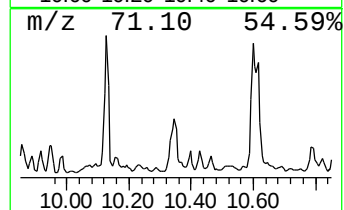
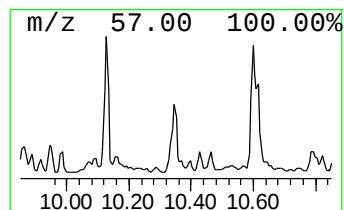
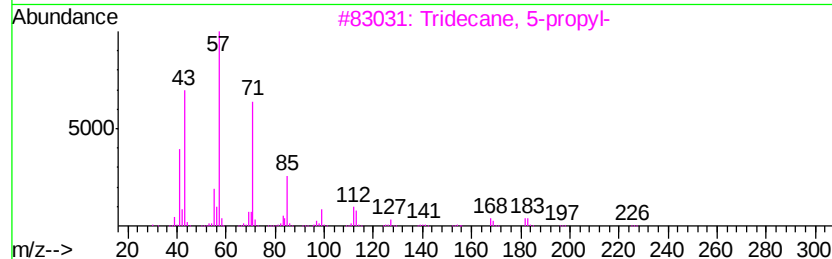
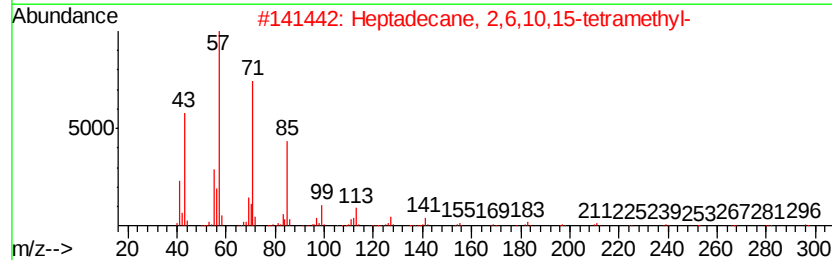
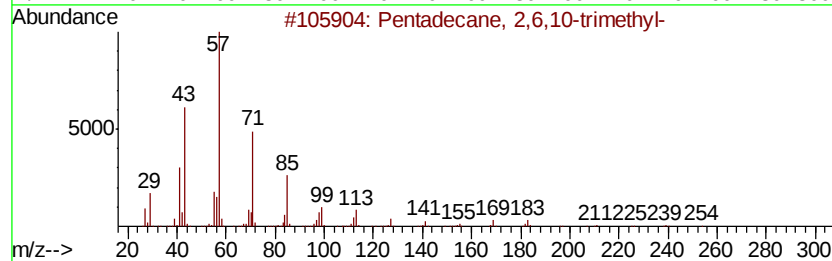
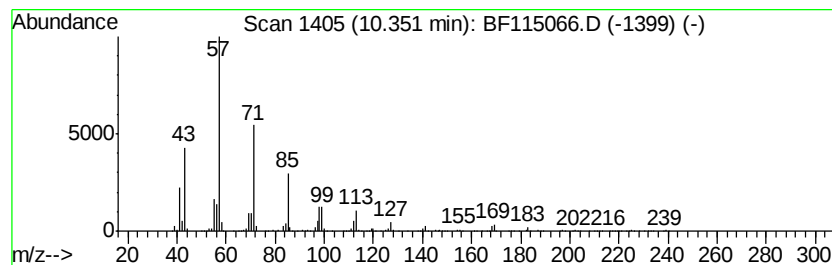
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	18.02 ng	2528870	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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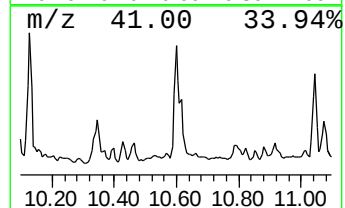
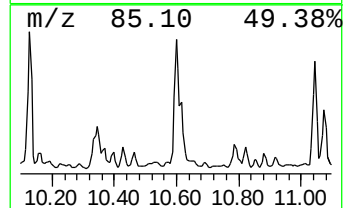
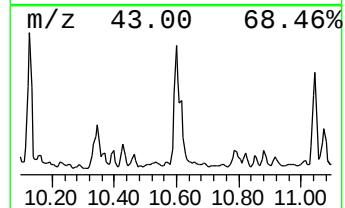
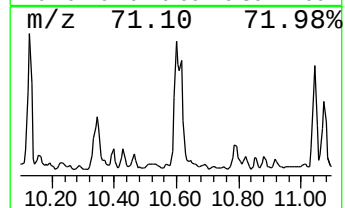
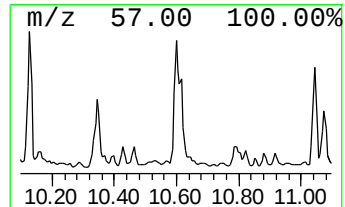
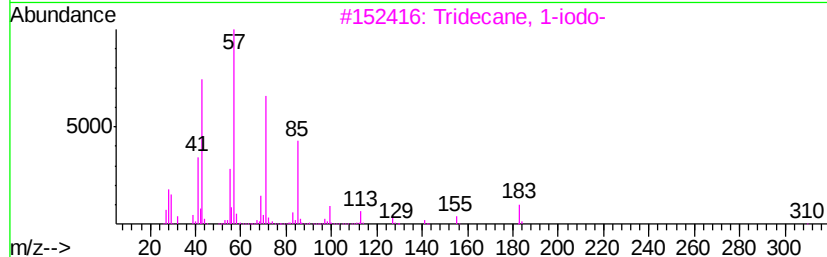
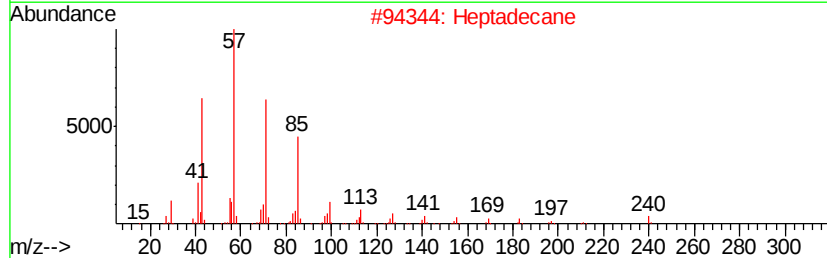
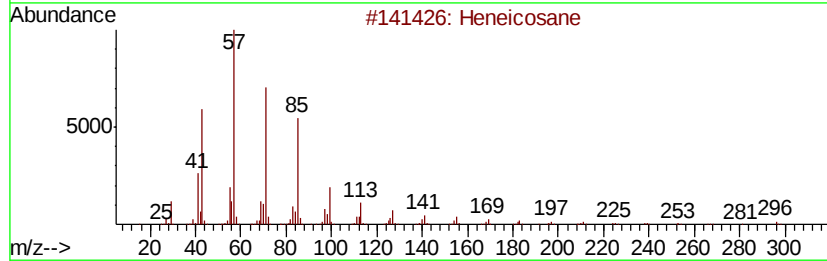
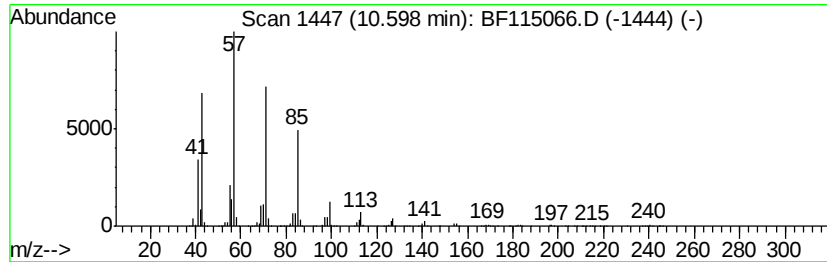
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	65.23 ng	4470070	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	90
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
4	3,5-Dimethyldodecane		198	C14H30	107770-99-0	87
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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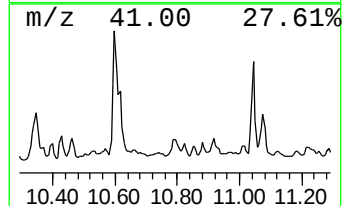
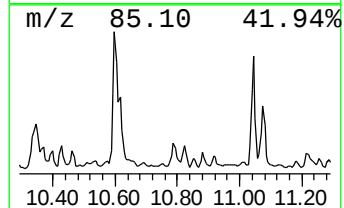
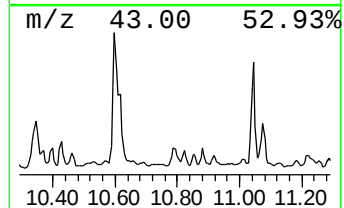
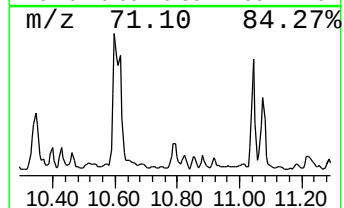
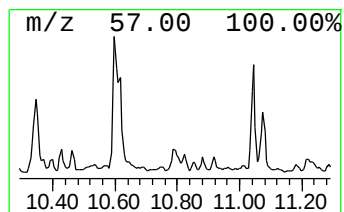
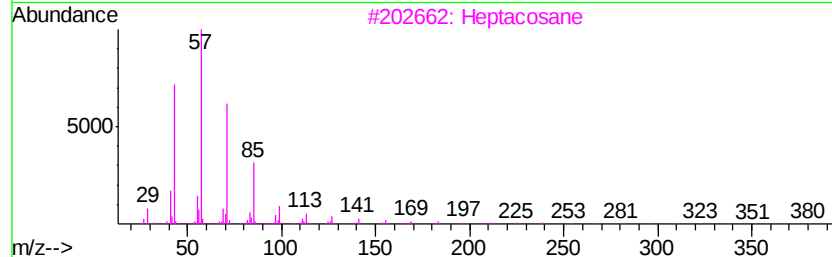
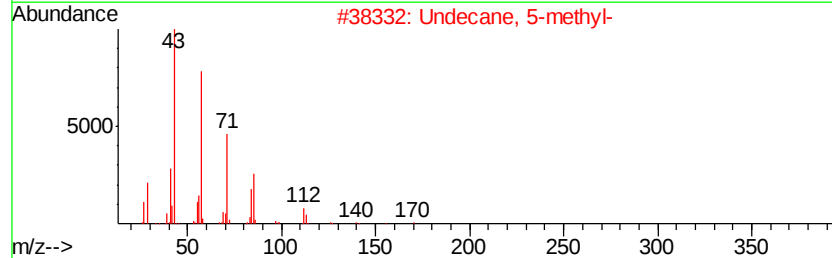
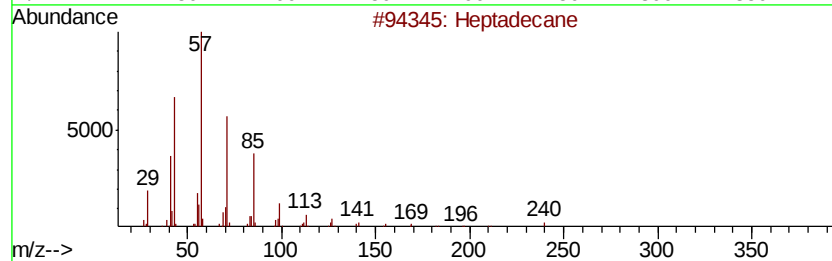
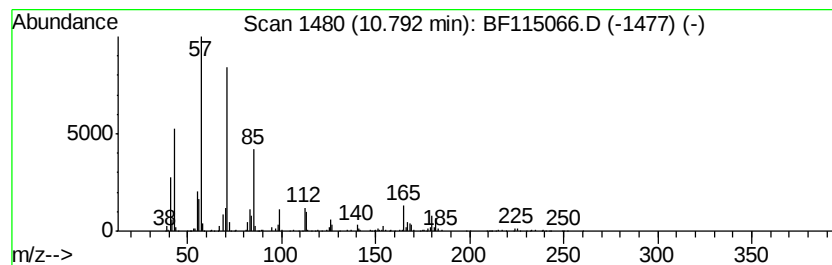
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.79	10.39 ng	711813	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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Instrument :
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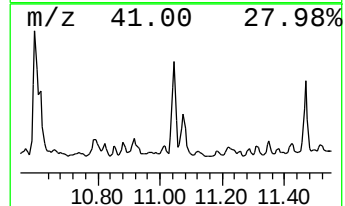
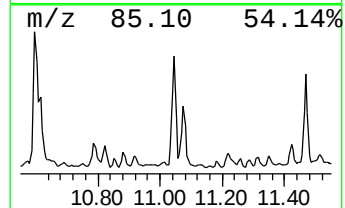
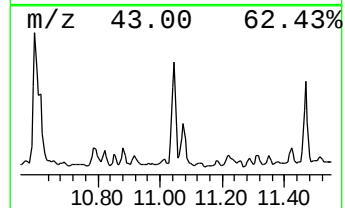
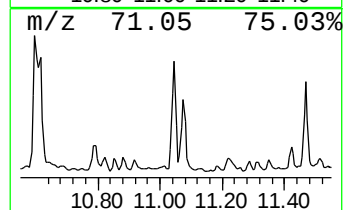
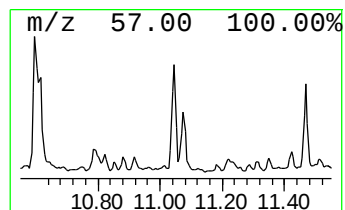
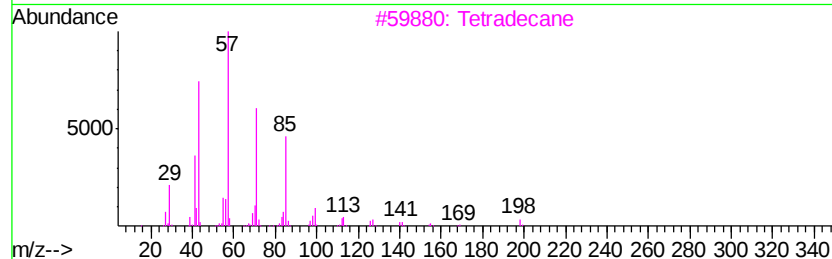
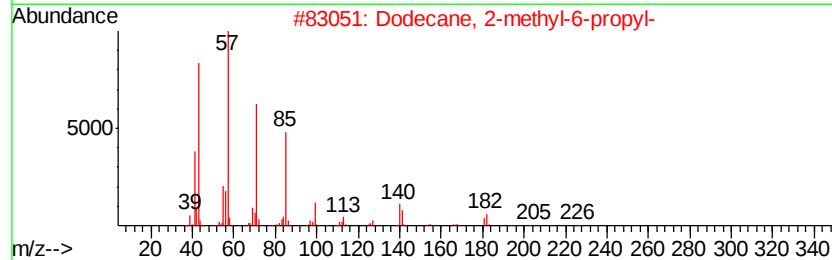
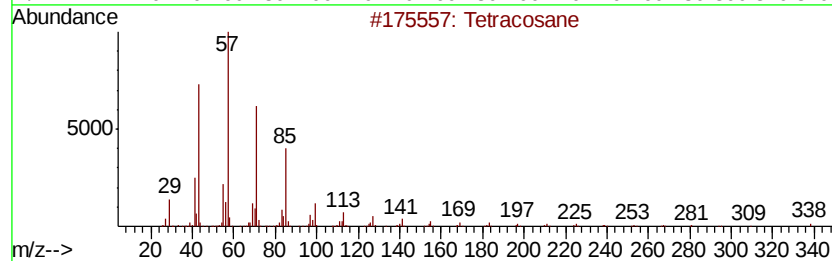
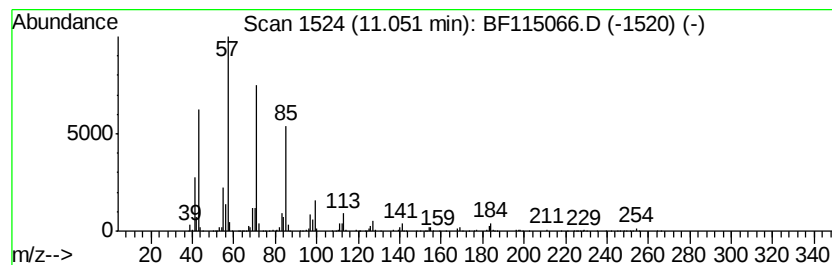
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	39.99 ng	2740550	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexadecane	226	C16H34	000544-76-3	90



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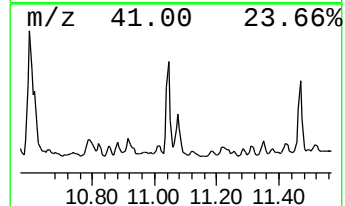
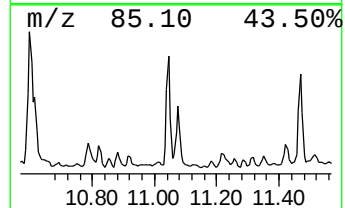
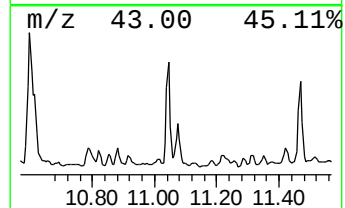
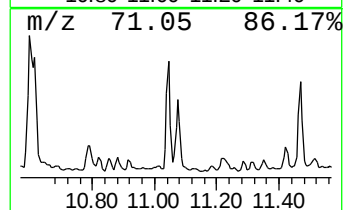
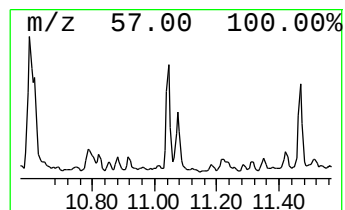
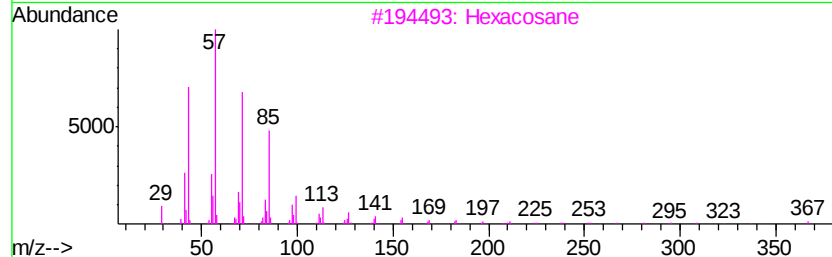
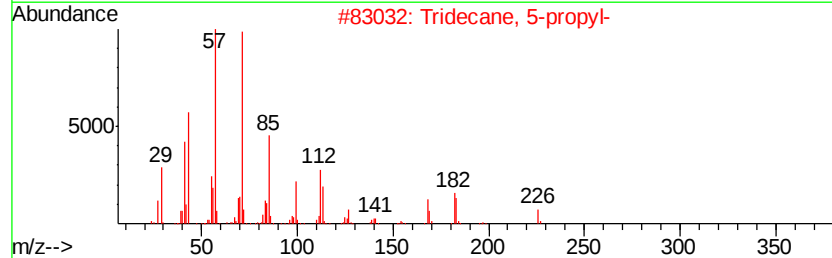
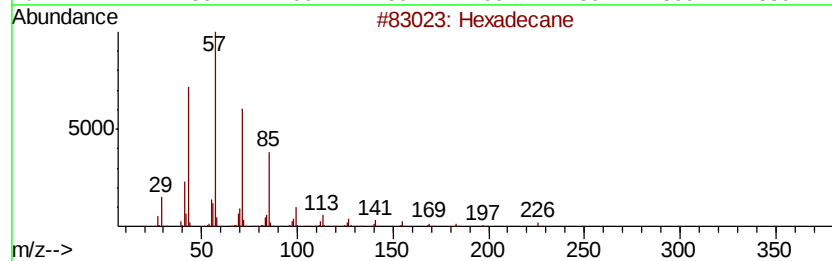
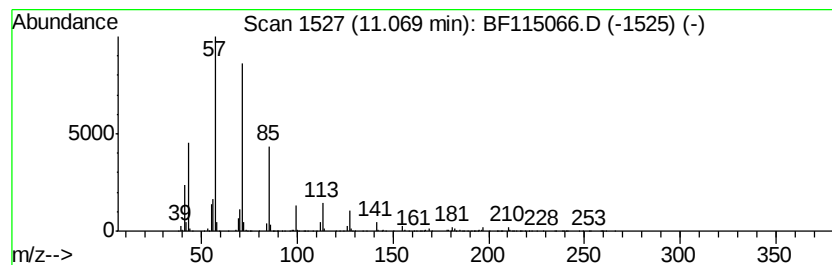
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	27.26 ng	1868180	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3		Hexacosane	366	C26H54	000630-01-3	78
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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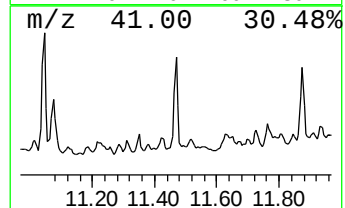
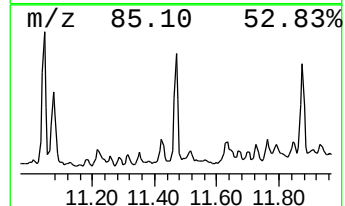
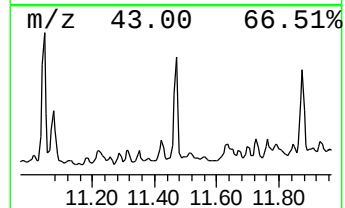
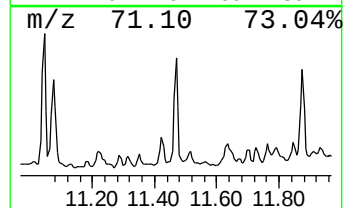
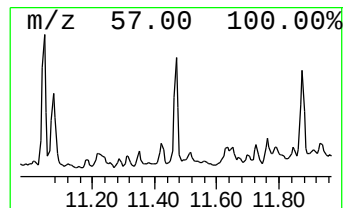
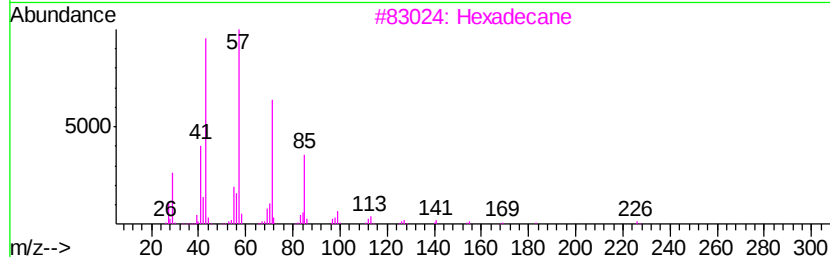
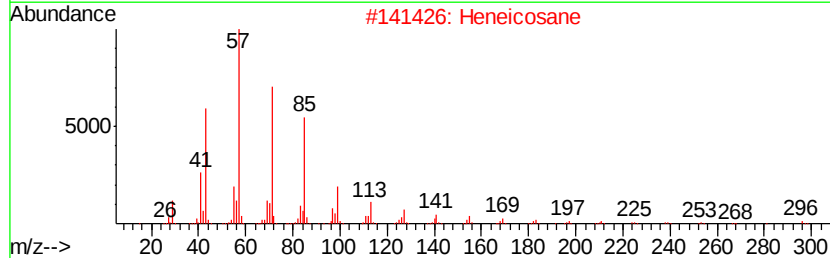
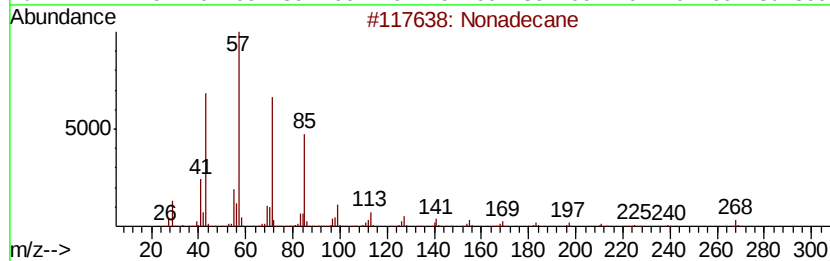
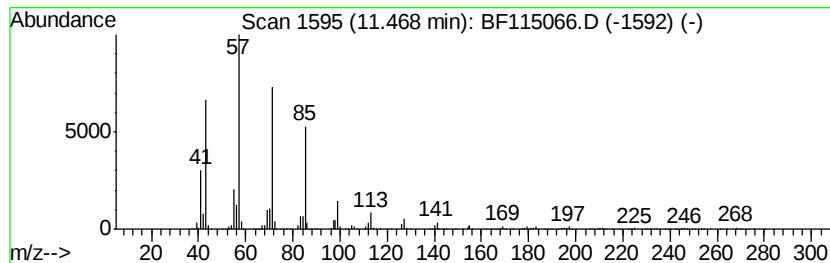
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	32.05 ng	2196600	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

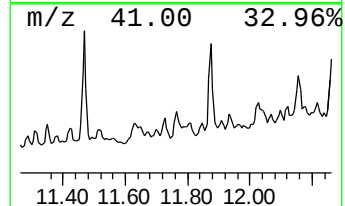
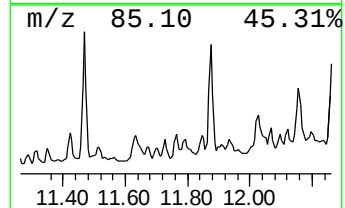
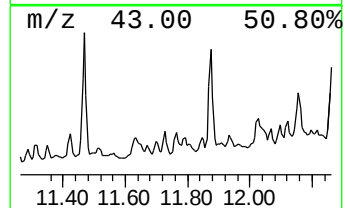
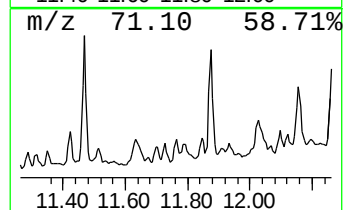
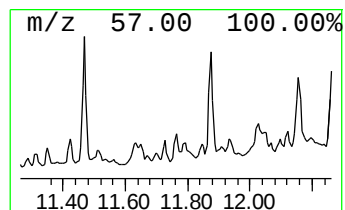
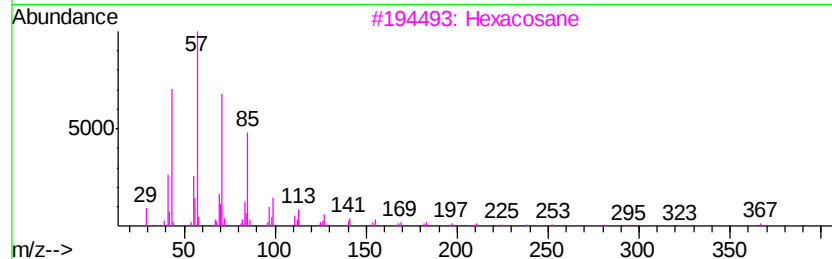
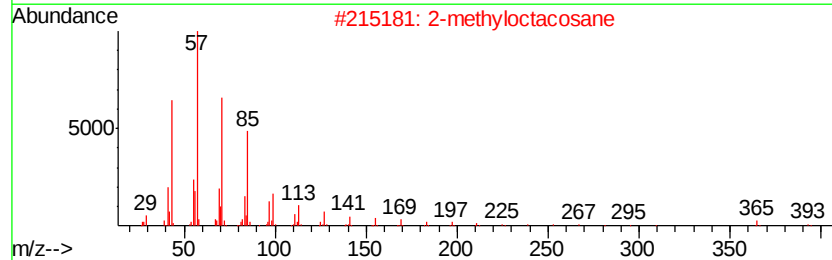
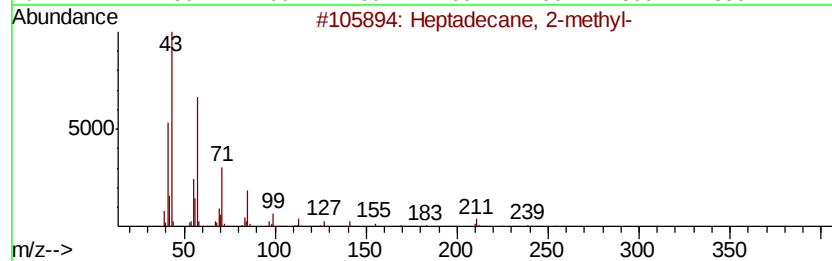
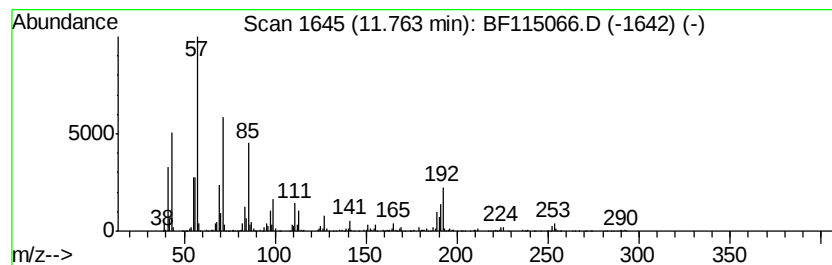
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	14.85 ng	1017810	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	78
2		2-methyloctacosane	408	C29H60	1000376-72-8	68
3		Hexacosane	366	C26H54	000630-01-3	68
4		Hentriacontane	437	C31H64	000630-04-6	64
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115066.D
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 Operator : HP/JU
 Sample : K3366-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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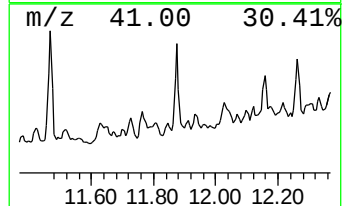
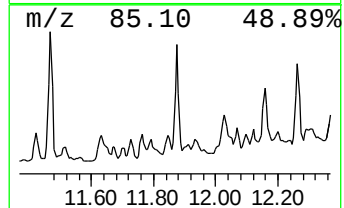
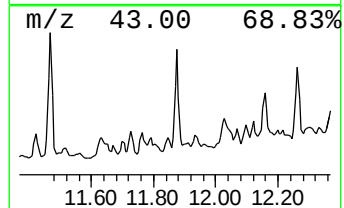
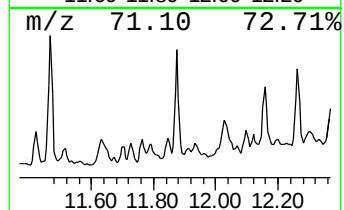
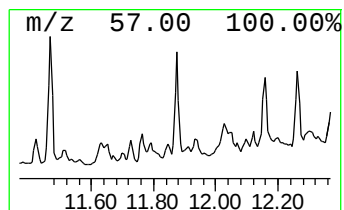
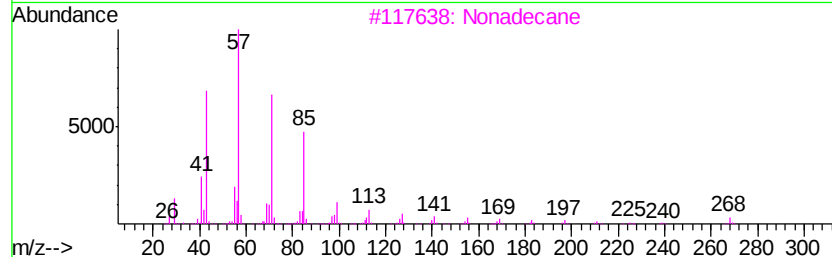
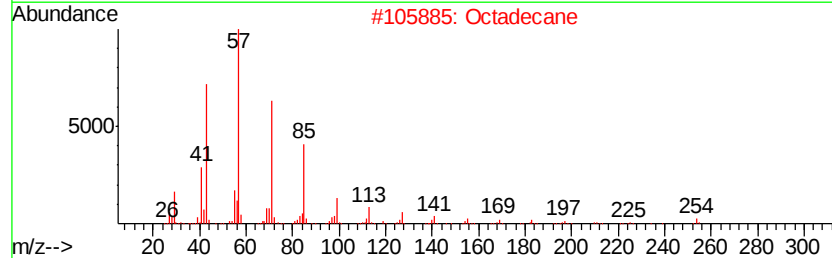
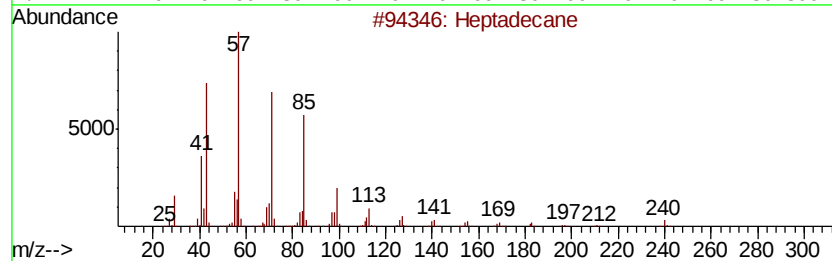
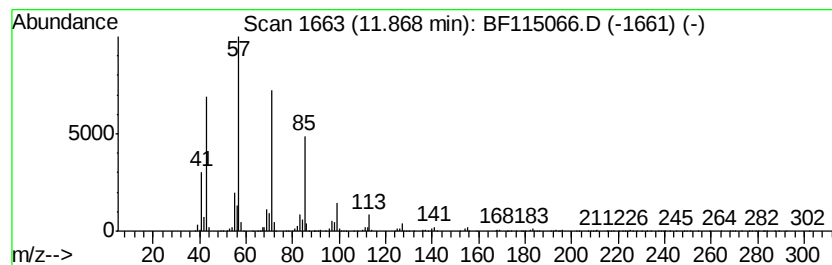
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	28.89 ng	1979540	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Octadecane		254	C18H38	000593-45-3	95
3	Nonadecane		268	C19H40	000629-92-5	91
4	Eicosane		282	C20H42	000112-95-8	90
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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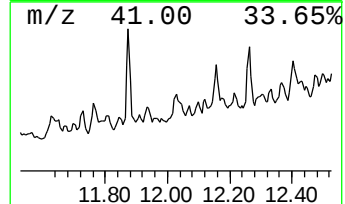
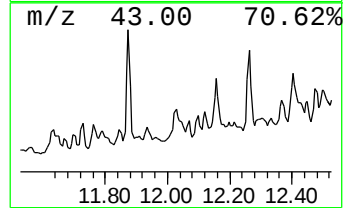
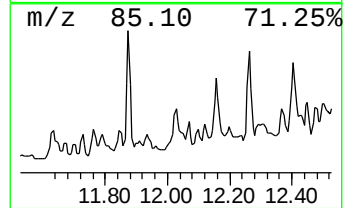
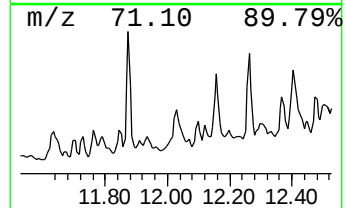
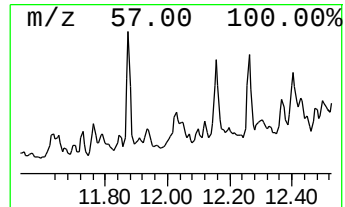
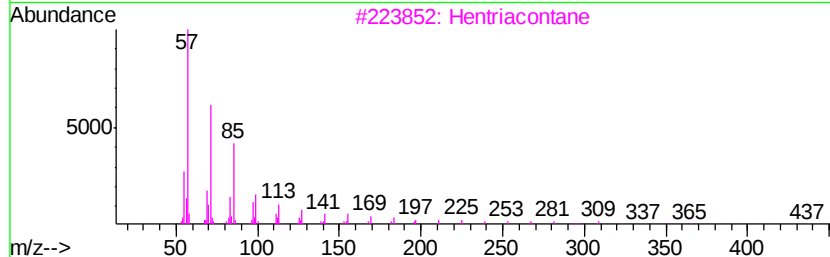
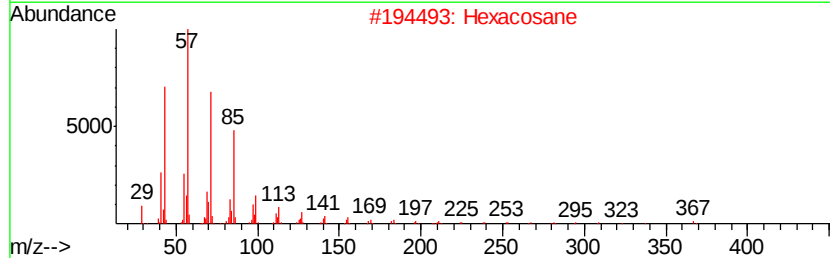
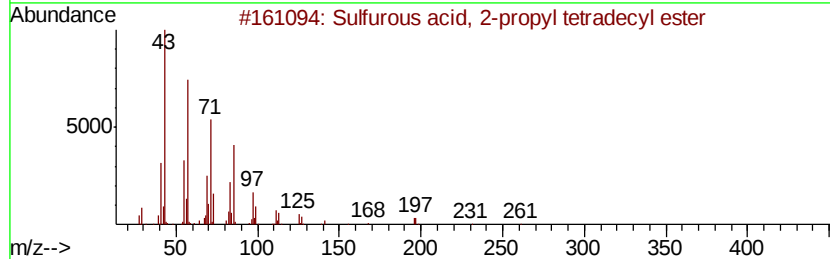
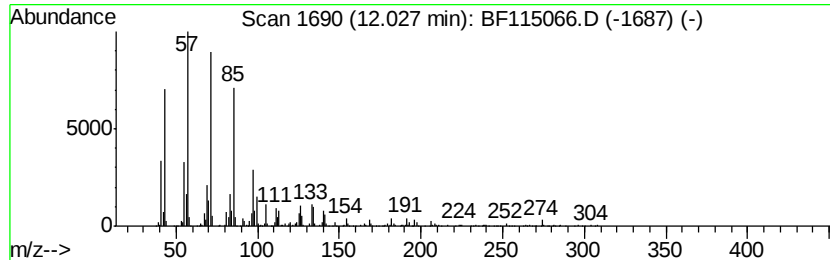
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, 2-propyl te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	19.01 ng	1302550	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	83
2		Hexacosane	366	C26H54	000630-01-3	74
3		Hentriacontane	437	C31H64	000630-04-6	74
4		Tetradecane	198	C14H30	000629-59-4	64
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
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Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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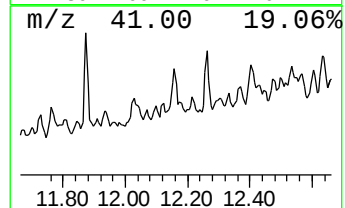
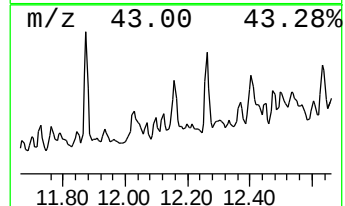
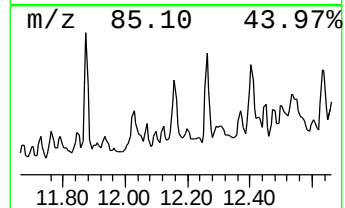
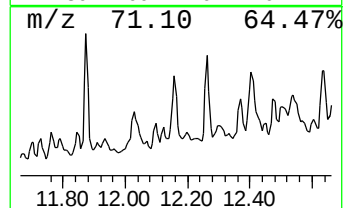
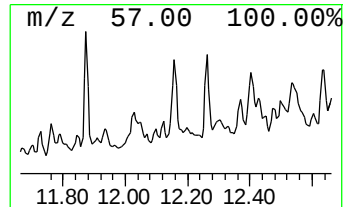
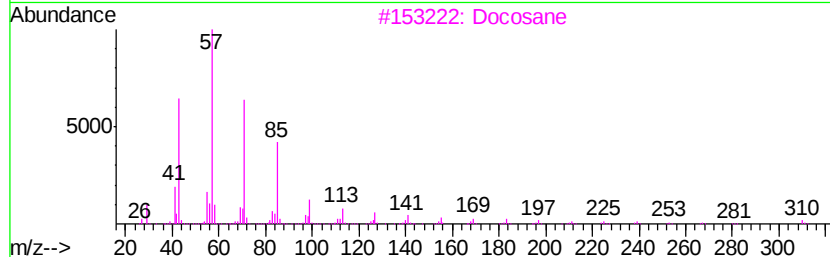
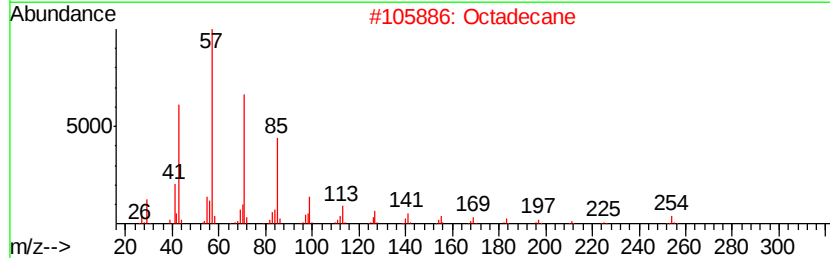
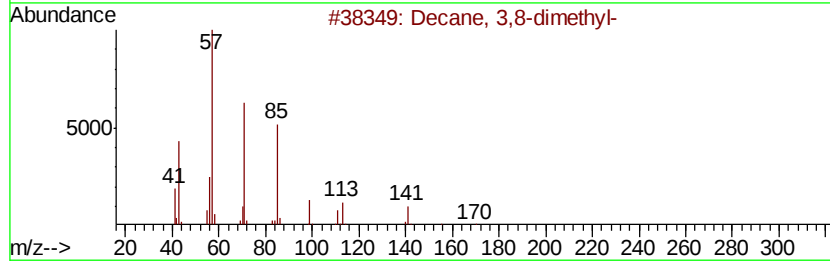
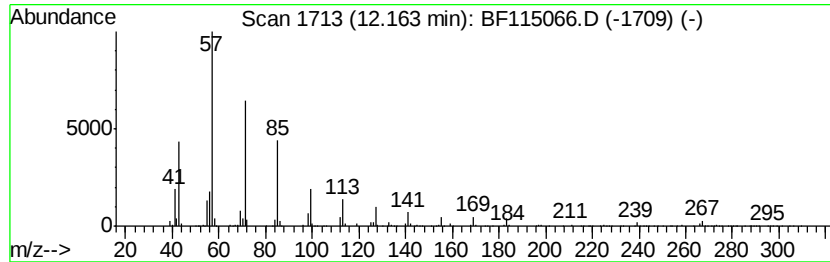
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	16.25 ng	1113340	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2		Octadecane	254	C18H38	000593-45-3	86
3		Docosane	310	C22H46	000629-97-0	86
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

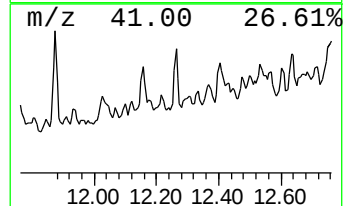
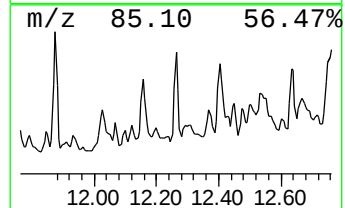
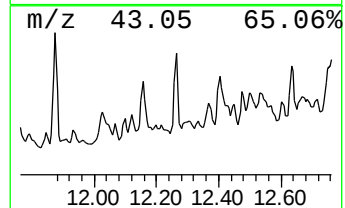
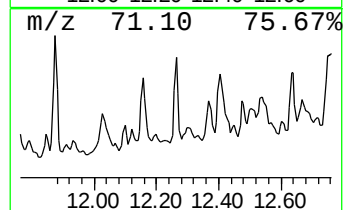
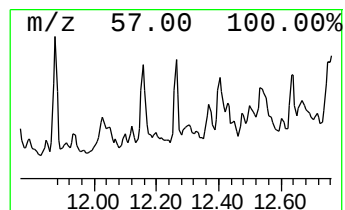
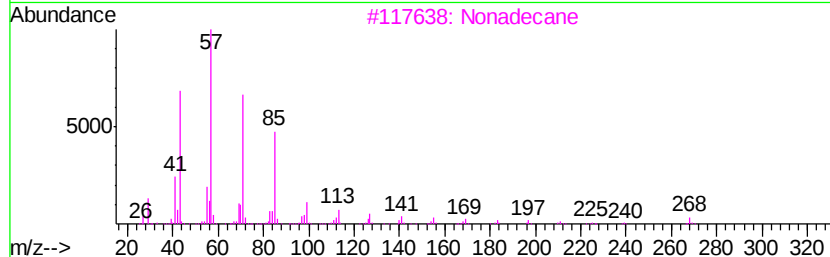
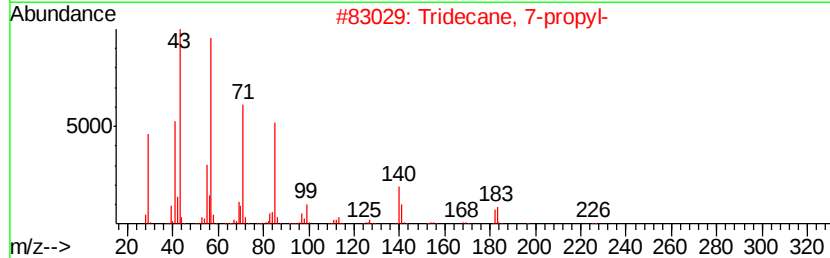
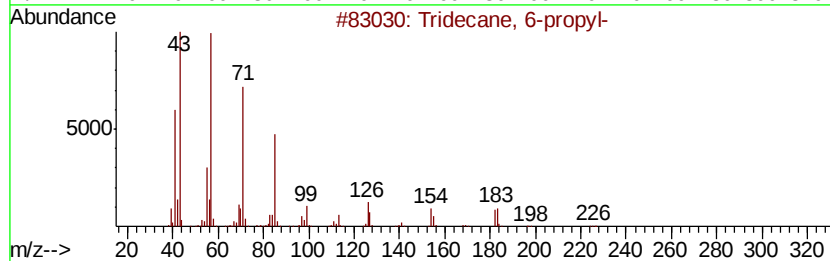
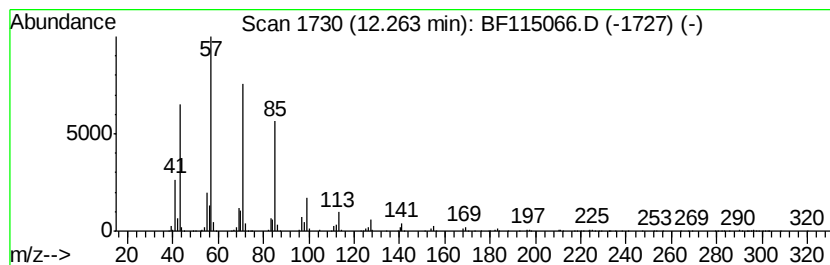
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	18.09 ng	1239370	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptacosane	380	C27H56	000593-49-7	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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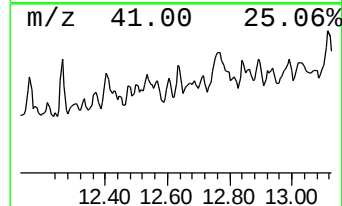
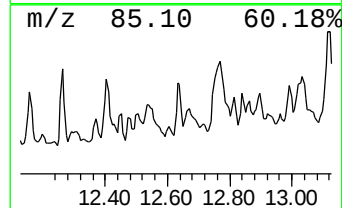
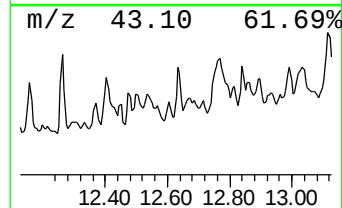
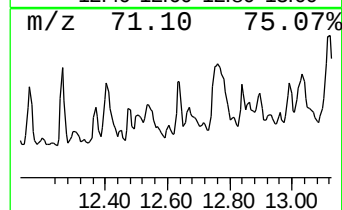
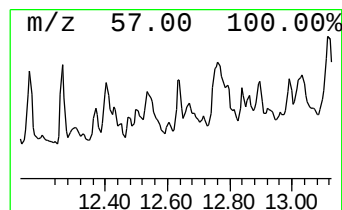
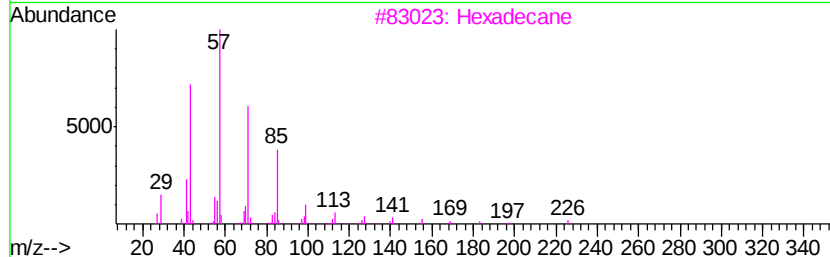
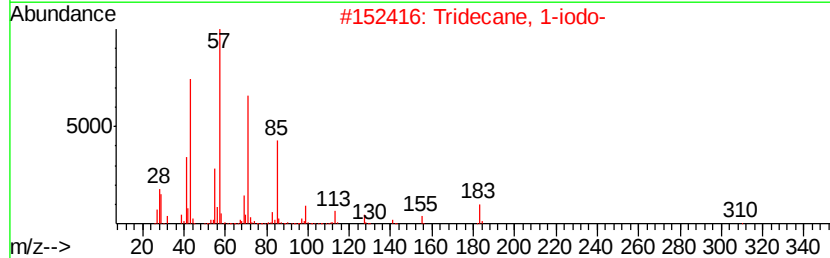
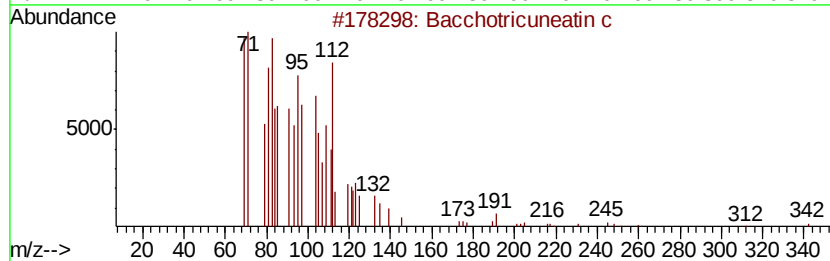
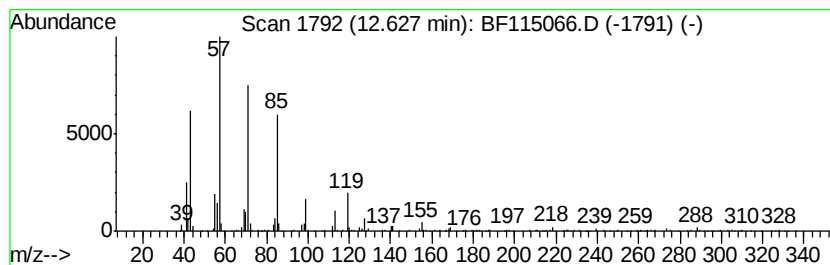
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Bacchotricuneatin c Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	13.28 ng	1046330	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76
3		Hexadecane	226	C16H34	000544-76-3	72
4		Decane, 3-methyl-	156	C11H24	013151-34-3	64
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
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Sample : K3366-01 5X
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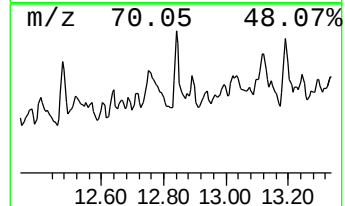
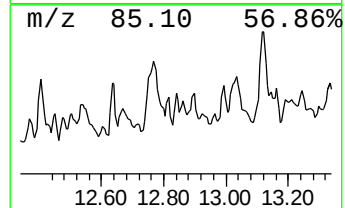
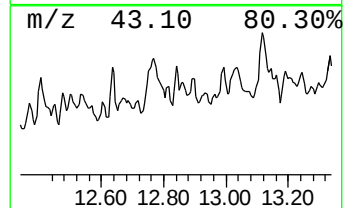
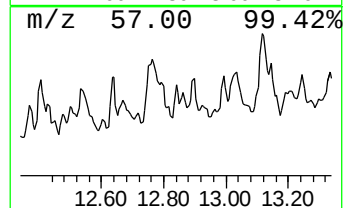
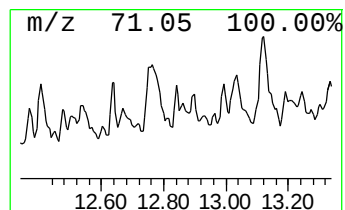
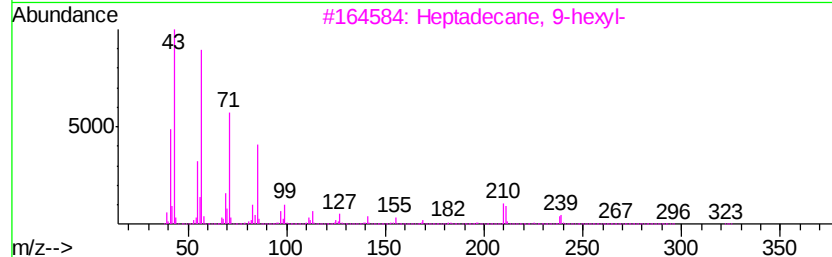
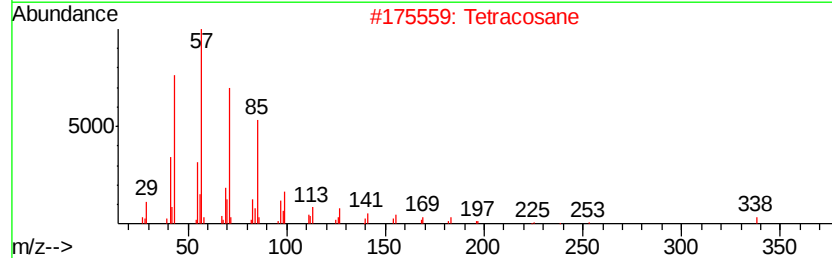
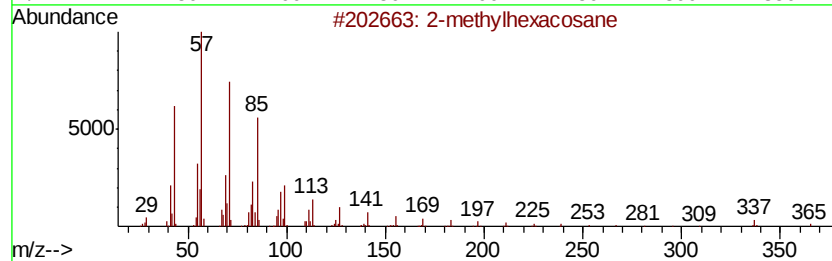
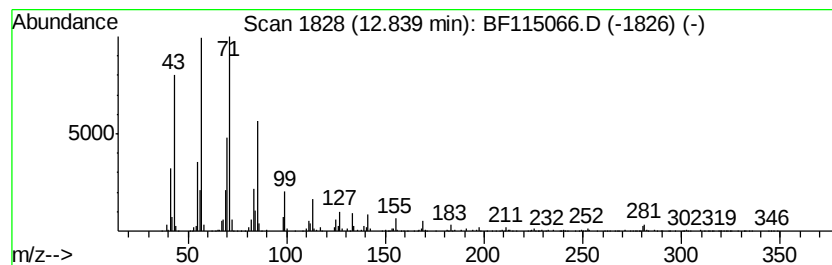
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-methylhexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	11.32 ng	891620	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methylhexacosane	380 C27H56	1000376-72-7	83
2	Tetracosane	338 C24H50	000646-31-1	83
3	Heptadecane, 9-hexyl-	324 C23H48	055124-79-3	81
4	Heneicosane	296 C21H44	000629-94-7	74
5	Tetratetracontane	619 C44H90	007098-22-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

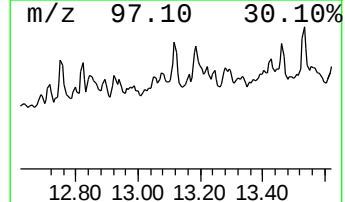
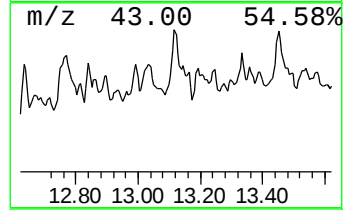
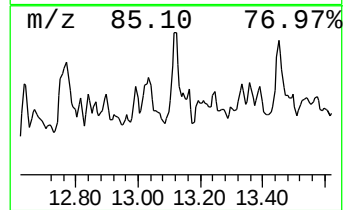
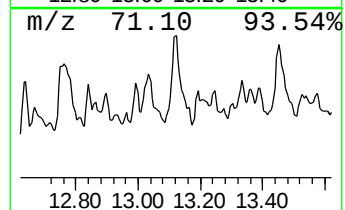
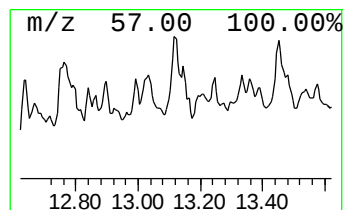
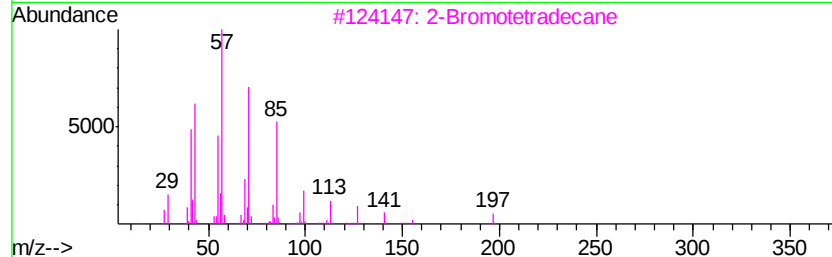
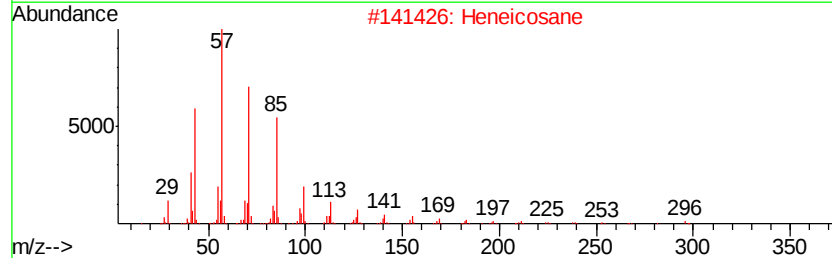
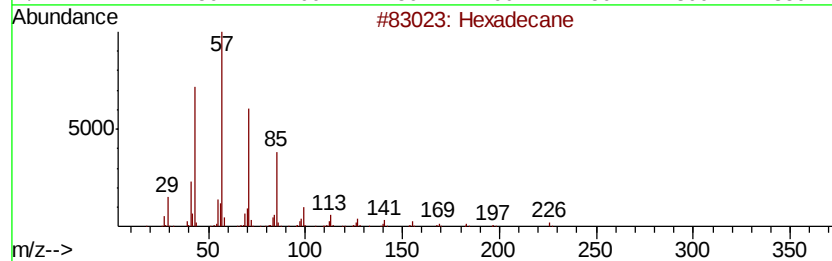
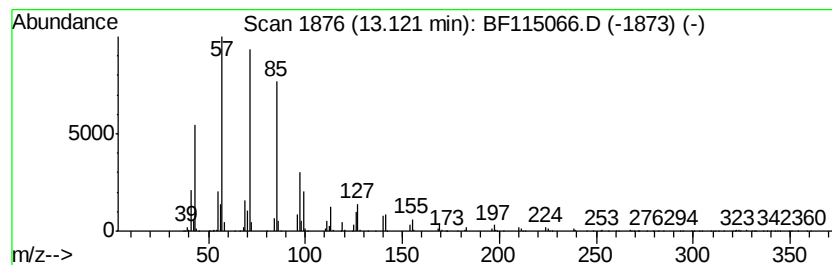
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromotetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	15.80 ng	1244370	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	81
2		Heneicosane	296	C21H44	000629-94-7	81
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4		Docosane	310	C22H46	000629-97-0	58
5		2-methyloctacosane	408	C29H60	1000376-72-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115066.D
 Acq On : 15 Jun 2019 3:02
 Operator : HP/JU
 Sample : K3366-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

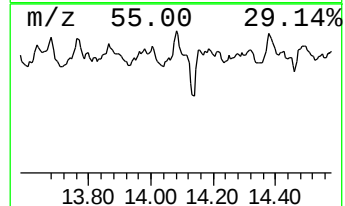
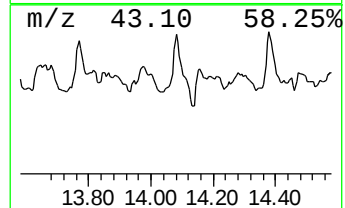
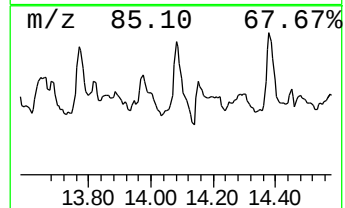
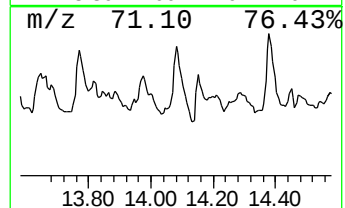
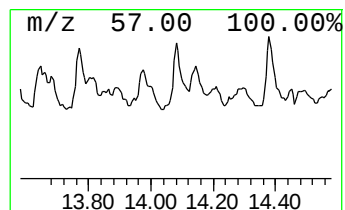
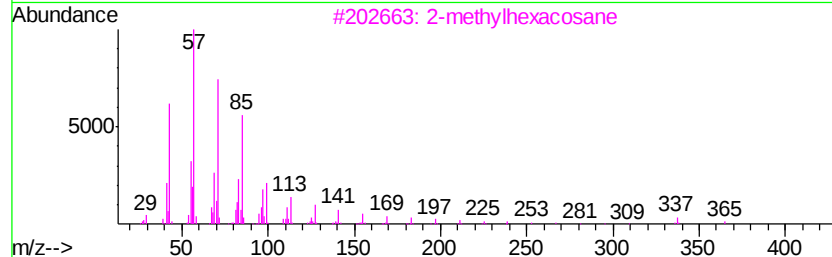
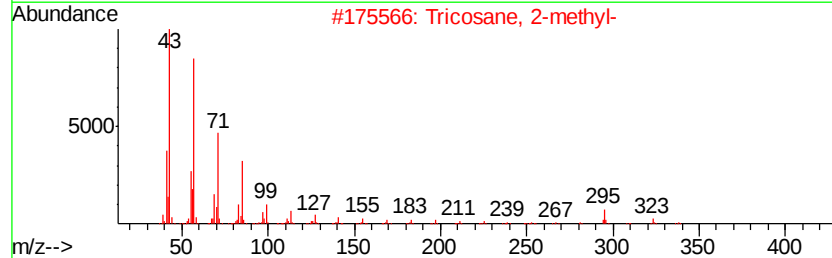
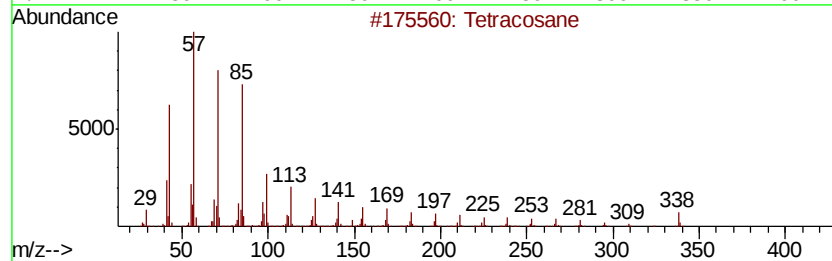
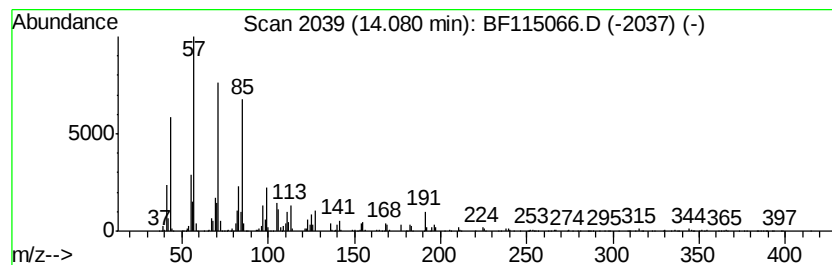
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 Tricosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	20.00 ng	1575290	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
3		2-methylhexacosane	380	C27H56	1000376-72-7	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

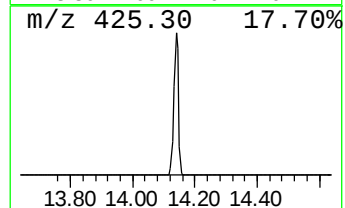
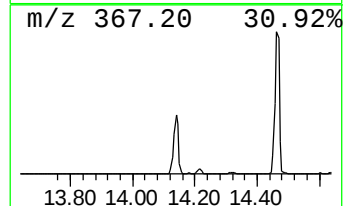
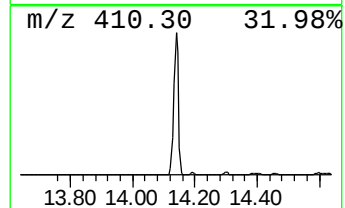
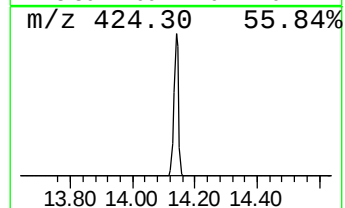
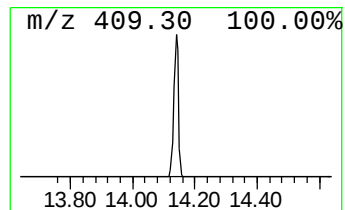
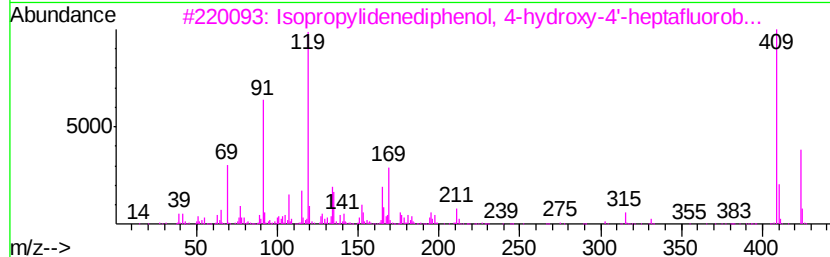
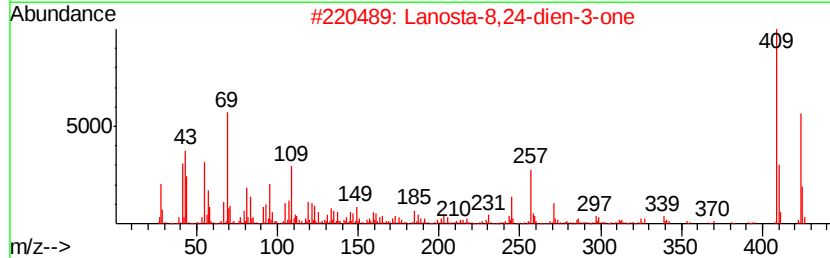
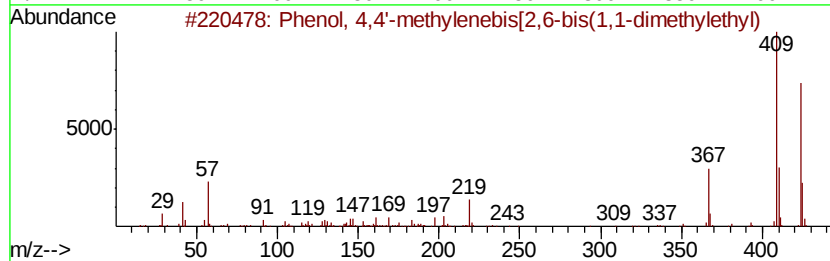
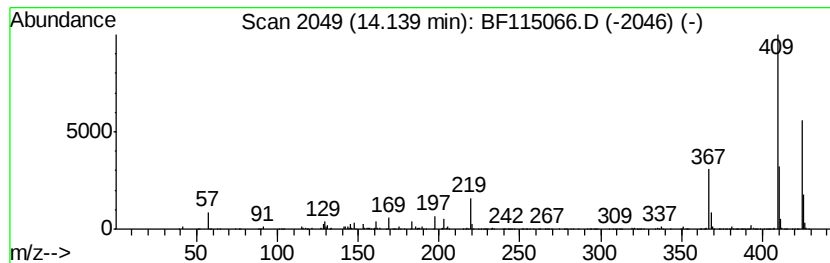
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenol, 4,4'-methylenebis[2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	46.74 ng	3681250	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-methylenebis[2,6-bi...	424	C29H44O2	000118-82-1	89
2		Lanosta-8,24-dien-3-one	424	C30H48O	1000194-81-8	64
3		Isopropylidenediphenol, 4-hydrox...	424	C19H15F7O3	1000365-41-6	45
4		Cobalt, bis(5,6-dimethoxyvindenvl)-	409	C22H22CoO4	1000156-25-6	32
5		Dibenz[d,f]cycloheptane, 5-[N-TF...	409	C21H22F3N04	1000126-92-4	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061419\
 Data File : BF115066.D
 Acq On : 15 Jun 2019 3:02
 Operator : HP/JU
 Sample : K3366-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecane	8.54	21.6	ng	3855180	2	7.93	3573030	20.0
Tetradecane	9.10	36.4	ng	5107350	3	9.67	2807240	20.0
Decane, 5-propyl-	9.42	15.7	ng	2196480	3	9.67	2807240	20.0
5-Ethyldecane	10.13	25.3	ng	3557150	3	9.67	2807240	20.0
Pentadecane, 2,6,...	10.35	18.0	ng	2528870	3	9.67	2807240	20.0
Heneicosane	10.60	65.2	ng	4470070	4	11.15	1370560	20.0
Undecane, 5-methyl-	10.79	10.4	ng	711813	4	11.15	1370560	20.0
Tetracosane	11.05	40.0	ng	2740550	4	11.15	1370560	20.0
Nonane, 3,7-dimet...	11.07	27.3	ng	1868180	4	11.15	1370560	20.0
Nonadecane	11.47	32.0	ng	2196600	4	11.15	1370560	20.0
Heptadecane, 2-me...	11.76	14.9	ng	1017810	4	11.15	1370560	20.0
Heptadecane	11.87	28.9	ng	1979540	4	11.15	1370560	20.0
Sulfurous acid, 2...	12.03	19.0	ng	1302550	4	11.15	1370560	20.0
Decane, 3,8-dimet...	12.16	16.3	ng	1113340	4	11.15	1370560	20.0
Tridecane, 6-propyl-	12.26	18.1	ng	1239370	4	11.15	1370560	20.0
Bacchotricuneatin c	12.63	13.3	ng	1046330	5	13.79	1575290	20.0
2-methylhexacosane	12.84	11.3	ng	891620	5	13.79	1575290	20.0
2-Bromotetradecane	13.12	15.8	ng	1244370	5	13.79	1575290	20.0
Tricosane, 2-methyl-	14.08	20.0	ng	1575290	5	13.79	1575290	20.0
Phenol, 4,4'-meth...	14.14	46.7	ng	3681250	5	13.79	1575290	20.0