

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113852.D
 Acq On : 19 Apr 2019 12:18
 Operator : JU/SJ
 Sample : K2453-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

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-BF041819.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	18	23	28	rVB	67009	93080	1.70%	0.144%
2	5.522	578	584	587	rBV	4269509	4655427	85.17%	7.183%
3	6.522	748	754	757	rBV	4114613	4810096	88.00%	7.422%
4	6.669	774	779	782	rBV	4892105	4896634	89.58%	7.555%
5	6.734	786	790	794	rBV	100601	109789	2.01%	0.169%
6	6.898	814	818	821	rBV	1444493	1202247	21.99%	1.855%
7	7.057	840	845	848	rBV	4294764	3883534	71.05%	5.992%
8	7.457	907	913	916	rBV	2823800	3041800	55.65%	4.693%
9	7.751	960	963	967	rVB	107906	88478	1.62%	0.137%
10	8.175	1031	1035	1039	rBV	1650593	1491338	27.28%	2.301%
11	8.392	1067	1072	1075	rBV	103716	86256	1.58%	0.133%
12	8.451	1078	1082	1085	rBV	127546	99604	1.82%	0.154%
13	8.881	1150	1155	1161	rVB3	56258	87572	1.60%	0.135%
14	9.057	1182	1185	1187	rBV2	86724	89145	1.63%	0.138%
15	9.175	1202	1205	1208	rBV2	89227	94657	1.73%	0.146%
16	9.251	1213	1218	1222	rVV	5428857	5466010	100.00%	8.434%
17	9.381	1237	1240	1245	rBV4	68893	125515	2.30%	0.194%
18	9.592	1271	1276	1278	rBV3	157177	181161	3.31%	0.280%
19	9.639	1281	1284	1289	rVB	730957	621535	11.37%	0.959%
20	9.716	1295	1297	1300	rVB	116601	92817	1.70%	0.143%
21	9.933	1330	1334	1337	rVB	1712266	1574966	28.81%	2.430%
22	10.098	1359	1362	1365	rBV3	184091	239809	4.39%	0.370%
23	10.128	1365	1367	1369	rVB2	148124	116302	2.13%	0.179%
24	10.157	1369	1372	1375	rBV	122269	103572	1.89%	0.160%
25	10.186	1375	1377	1381	rBV3	113049	115681	2.12%	0.178%
26	10.228	1381	1384	1386	rBV	145640	133461	2.44%	0.206%
27	10.304	1395	1397	1401	rBV4	57163	86061	1.57%	0.133%
28	10.345	1401	1404	1406	rBV3	123399	126859	2.32%	0.196%
29	10.398	1410	1413	1416	rBV	219219	250469	4.58%	0.386%
30	10.469	1423	1425	1428	rBV2	96903	111110	2.03%	0.171%
31	10.580	1440	1444	1447	rBV3	335089	518585	9.49%	0.800%
32	10.639	1452	1454	1457	rVB	162196	121163	2.22%	0.187%
33	10.669	1457	1459	1462	rBV2	129793	142690	2.61%	0.220%
34	10.716	1463	1467	1471	rBV	3042361	3011673	55.10%	4.647%

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35	10.839	1486	1488	1489	rBV	224521	167687	3.07%	0.259%
36	10.863	1489	1492	1495	rVV	274825	389325	7.12%	0.601%
37	11.033	1518	1521	1525	rBV2	486400	665583	12.18%	1.027%
38	11.098	1530	1532	1535	rBV	232069	180332	3.30%	0.278%
39	11.127	1535	1537	1539	rBV	216303	177874	3.25%	0.274%
40	11.163	1541	1543	1545	rBV	329684	279041	5.11%	0.431%
41	11.198	1547	1549	1552	rVV3	239508	240753	4.40%	0.371%
42	11.286	1562	1564	1566	rBV	479324	389205	7.12%	0.601%
43	11.316	1566	1569	1572	rBV2	605153	862485	15.78%	1.331%
44	11.416	1583	1586	1588	rBV	1585607	1316926	24.09%	2.032%
45	11.439	1588	1590	1592	rBV2	279381	210216	3.85%	0.324%
46	11.469	1592	1595	1597	rBV2	705559	877759	16.06%	1.354%
47	11.539	1605	1607	1609	rVB	434199	334631	6.12%	0.516%
48	11.575	1609	1613	1615	rBV3	427343	630239	11.53%	0.972%
49	11.604	1615	1618	1621	rBV	694585	868980	15.90%	1.341%
50	11.733	1638	1640	1643	rBV	604145	554935	10.15%	0.856%
51	11.886	1663	1666	1671	rBV2	1076705	1790230	32.75%	2.762%
52	11.951	1674	1677	1680	rVB2	1069497	1065993	19.50%	1.645%
53	12.022	1686	1689	1692	rBV	1132349	1633629	29.89%	2.521%
54	12.139	1705	1709	1711	rBV	1394987	1755001	32.11%	2.708%
55	12.286	1731	1734	1736	rBV	1031756	1323446	24.21%	2.042%
56	12.416	1754	1756	1759	rBV	1143733	1326528	24.27%	2.047%
57	12.527	1772	1775	1777	rBV	1241395	1416178	25.91%	2.185%
58	12.633	1791	1793	1796	rBV	951604	949340	17.37%	1.465%
59	12.663	1796	1798	1804	rVV	1030781	1793586	32.81%	2.767%
60	13.010	1854	1857	1859	rBV	3134161	3470413	63.49%	5.355%
61	14.698	2141	2144	2147	rBV	2411799	2270749	41.54%	3.504%

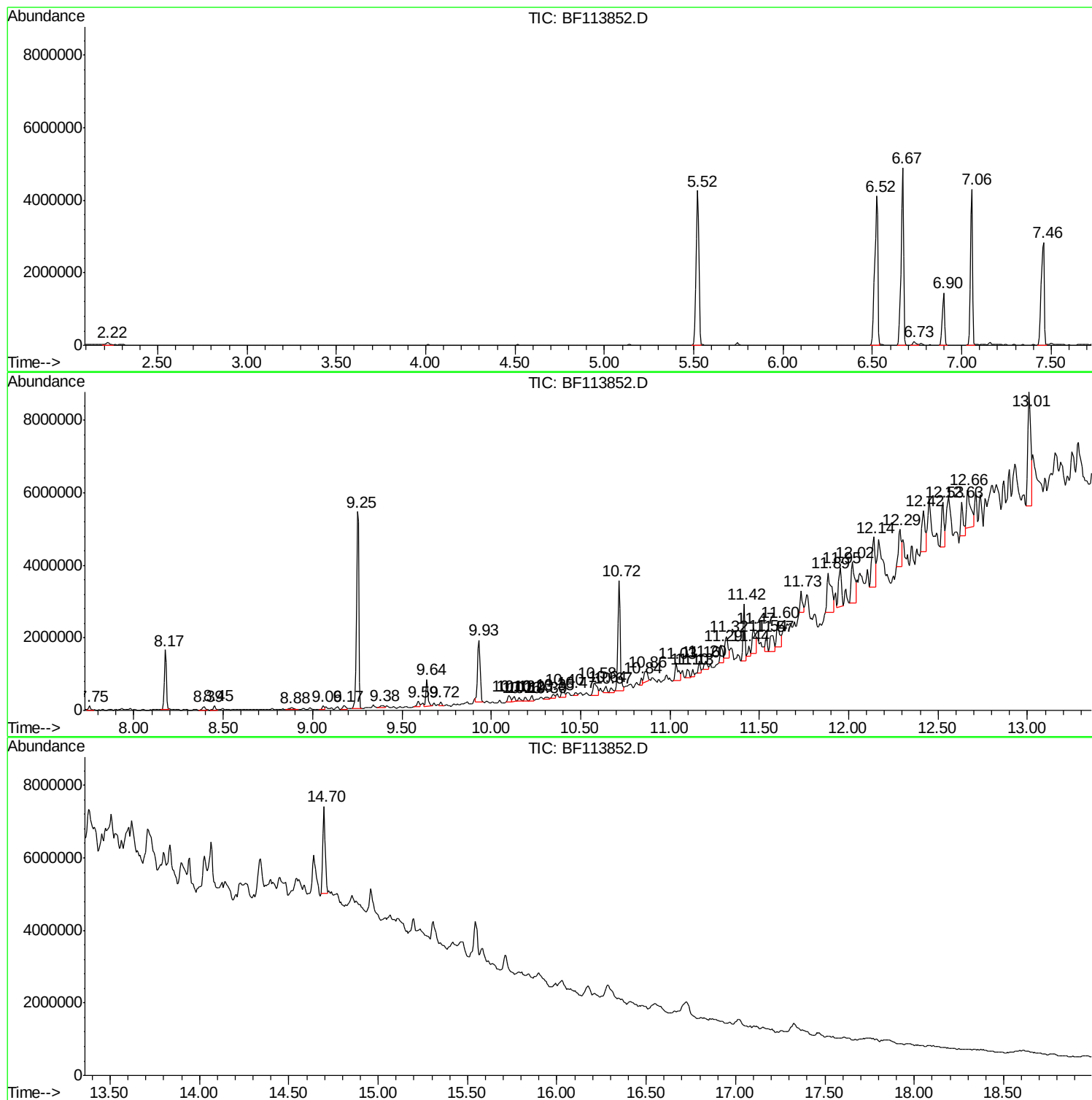
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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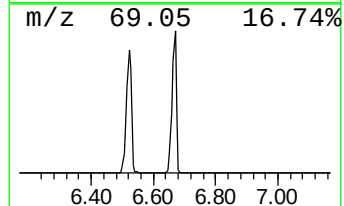
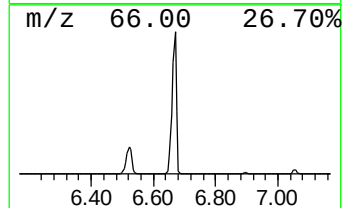
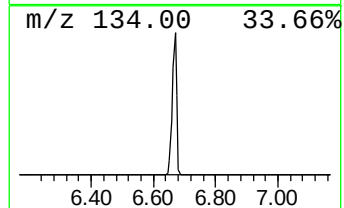
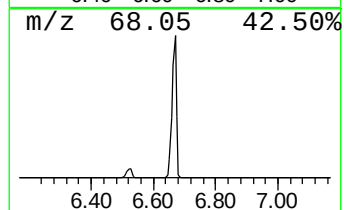
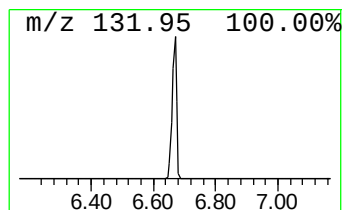
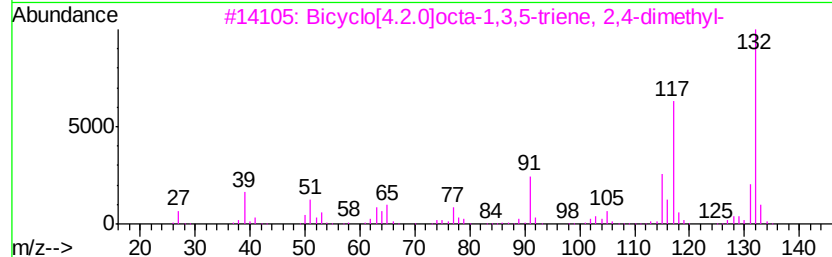
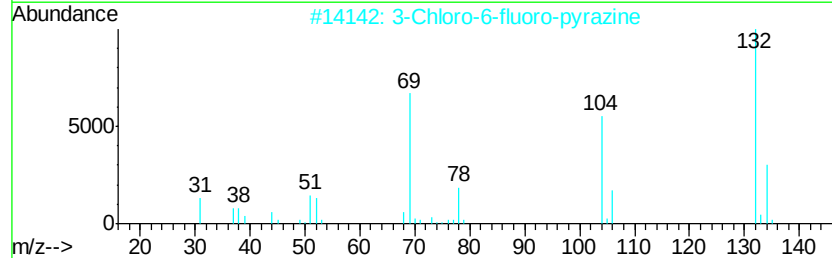
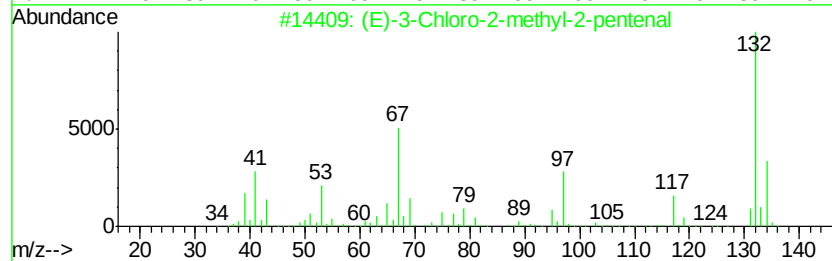
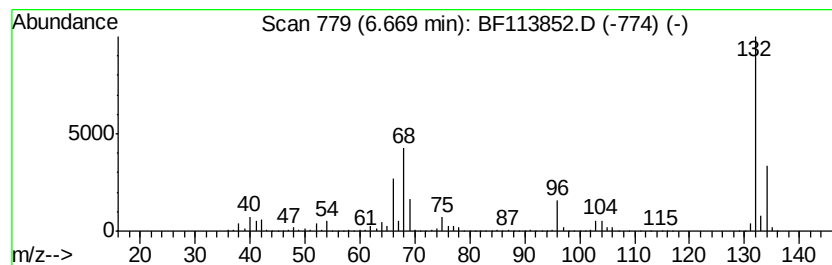
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	81.46 ng	4896630	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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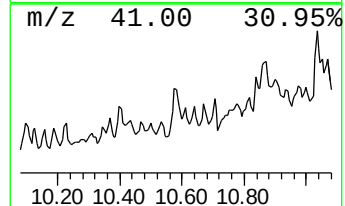
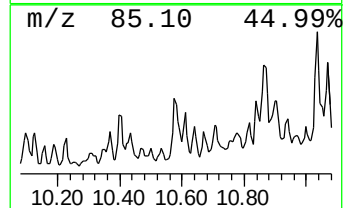
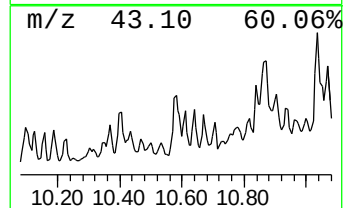
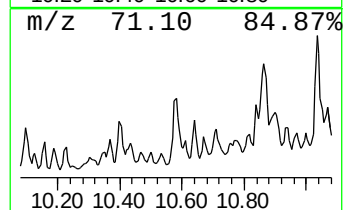
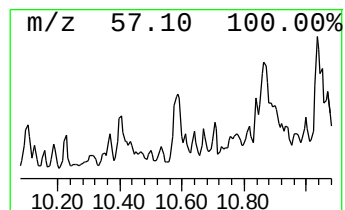
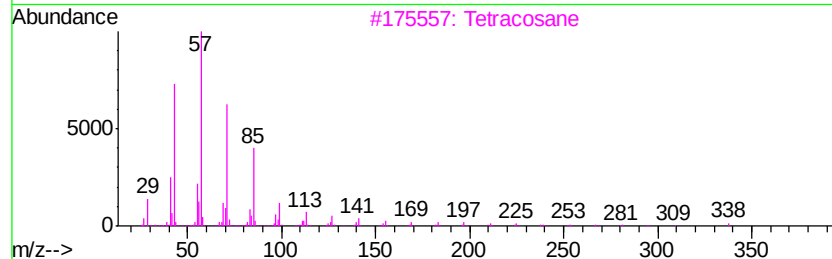
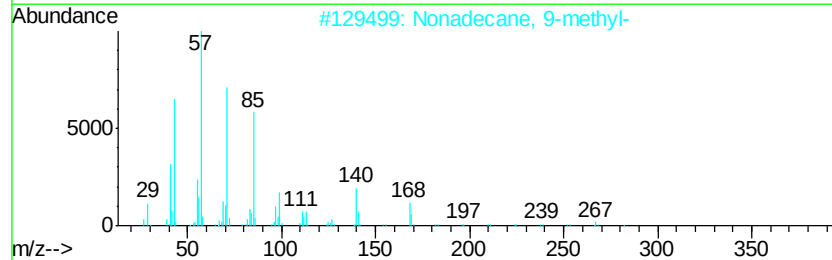
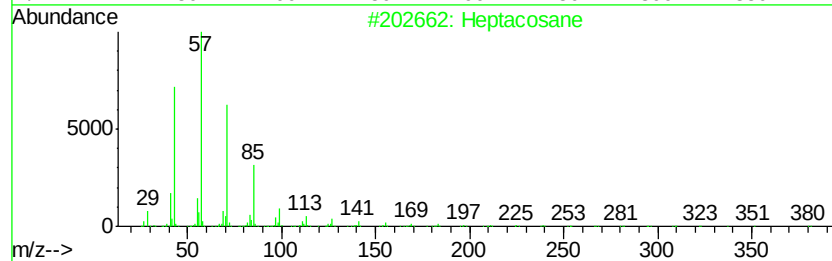
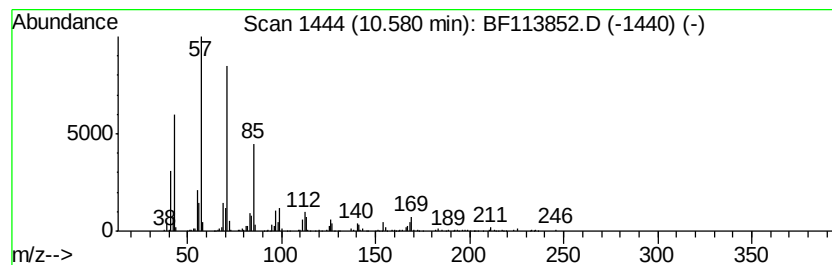
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	6.59 ng	518585	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	80
2	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	80
3	Tetracosane	338 C24H50	000646-31-1	80
4	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	64
5	Sulfurous acid, 2-ethylhexyl tri...	376 C21H44O3S	1000309-19-6	58



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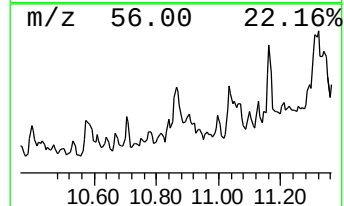
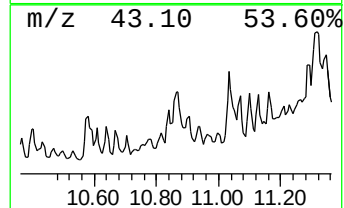
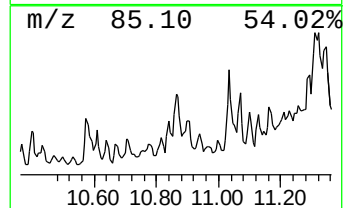
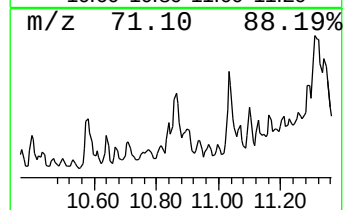
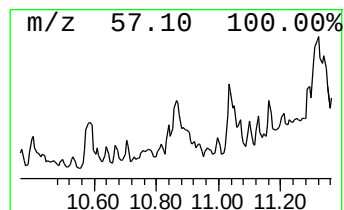
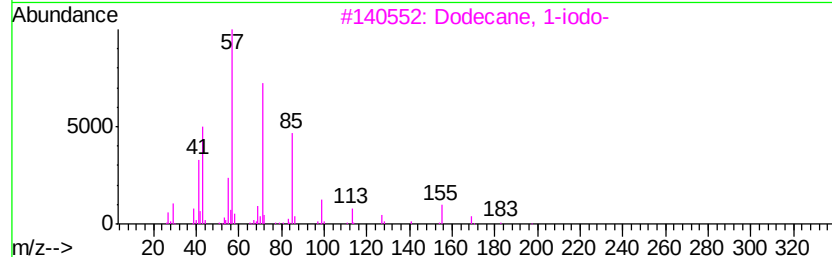
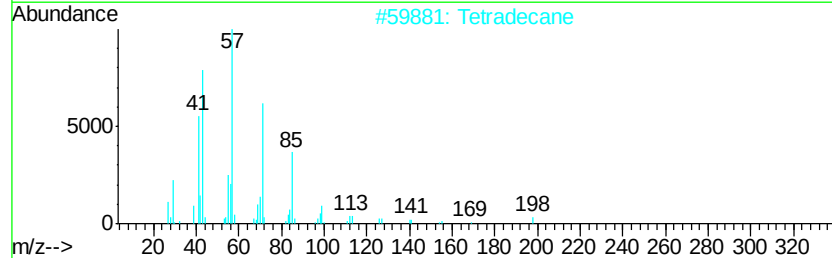
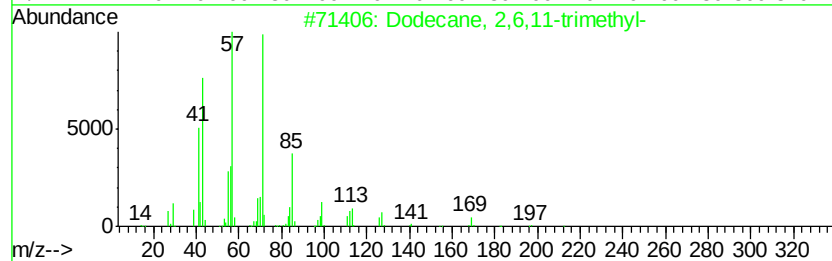
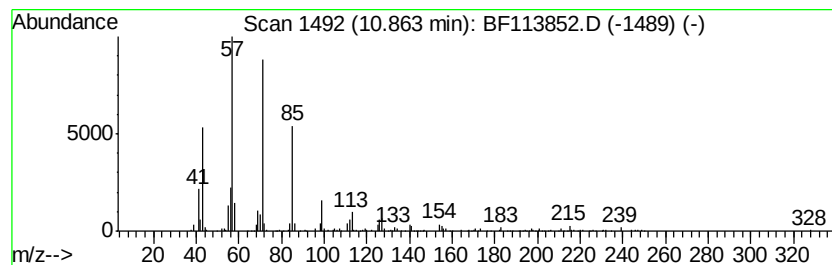
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	5.91 ng	389325	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5		Decane, 2-methyl-	156	C11H24	006975-98-0	72



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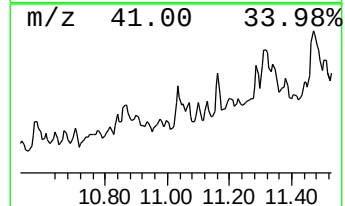
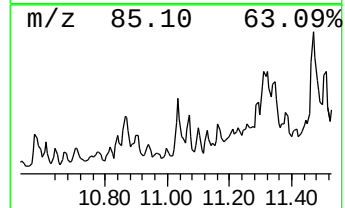
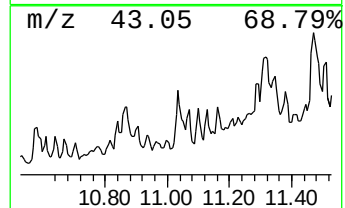
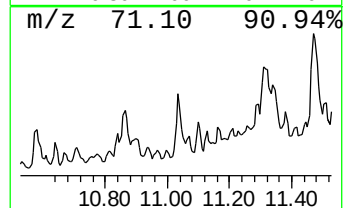
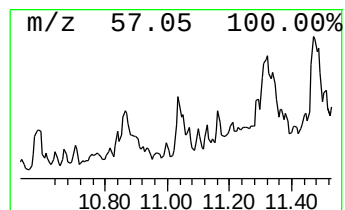
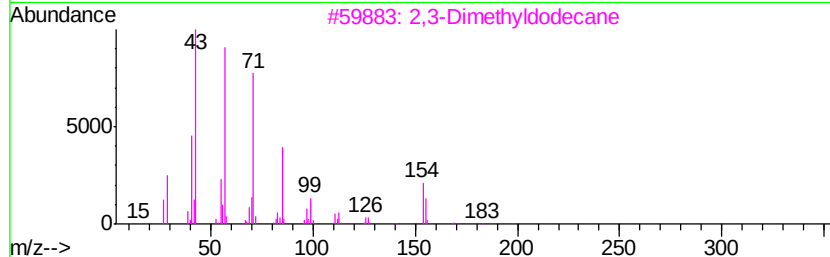
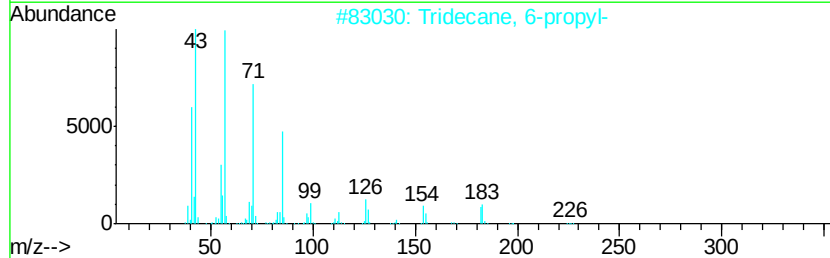
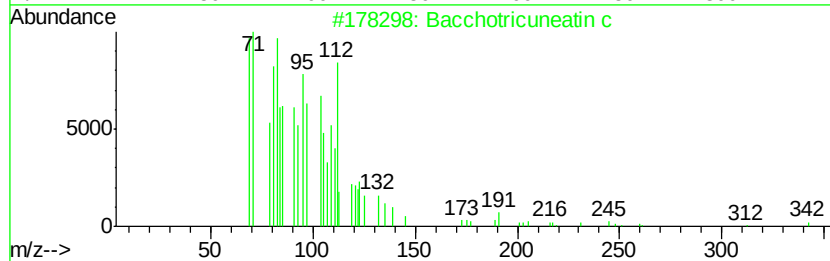
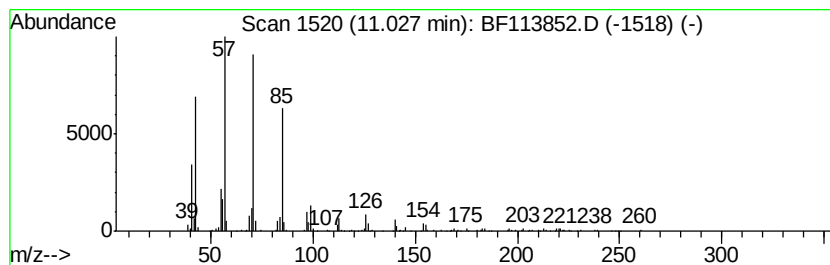
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Peak Number 5 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	10.11 ng	665583	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3		2,3-Dimethyldodecane	198	C14H30	006117-98-2	86
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	80
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	80



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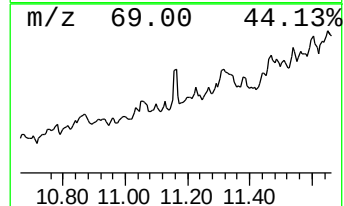
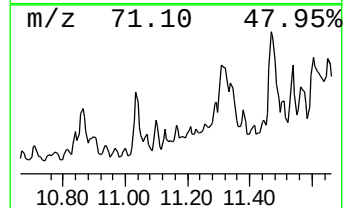
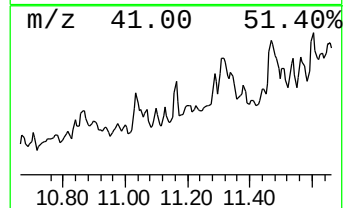
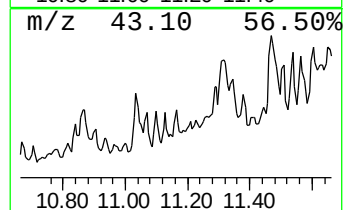
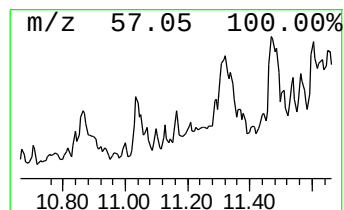
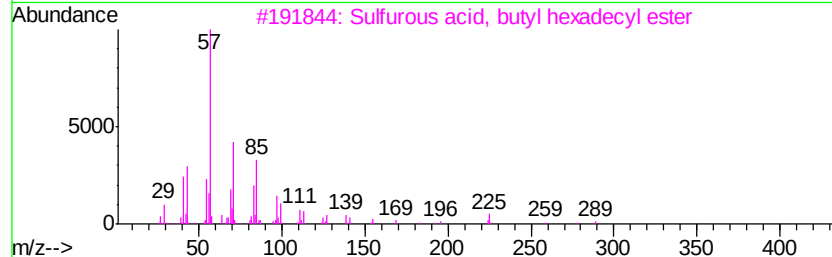
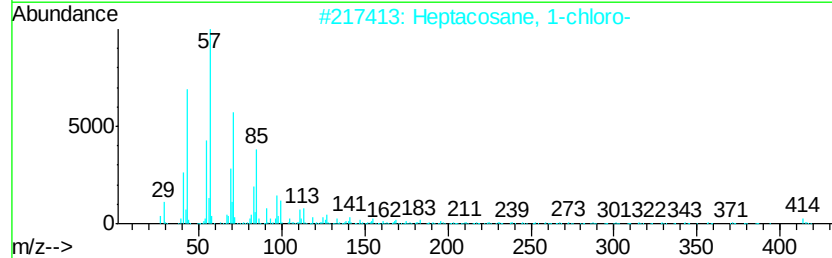
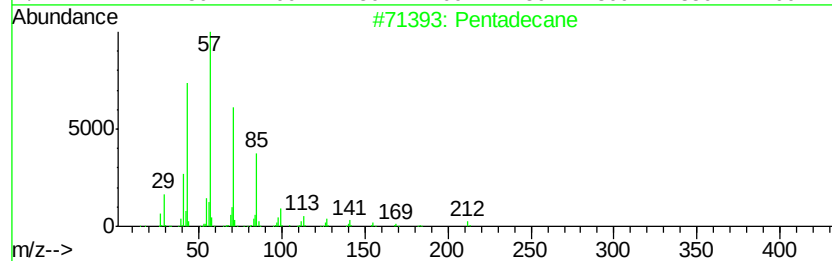
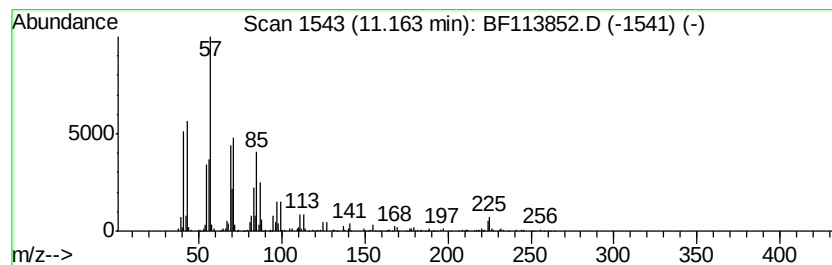
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.24 ng	279041	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	64
3	Sulfurous acid, butyl hexadecyl ...		362	C20H42O3S	1000309-18-3	64
4	Tritetracontane		605	C43H88	007098-21-7	64
5	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
Operator : JU/SJ
Sample : K2453-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

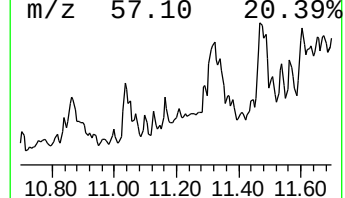
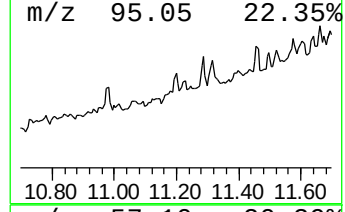
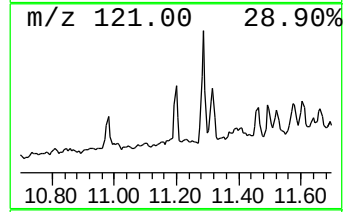
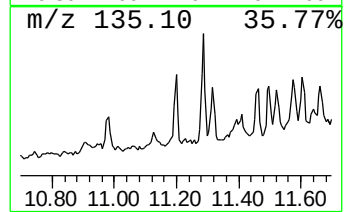
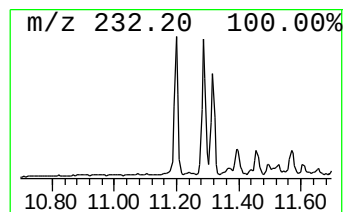
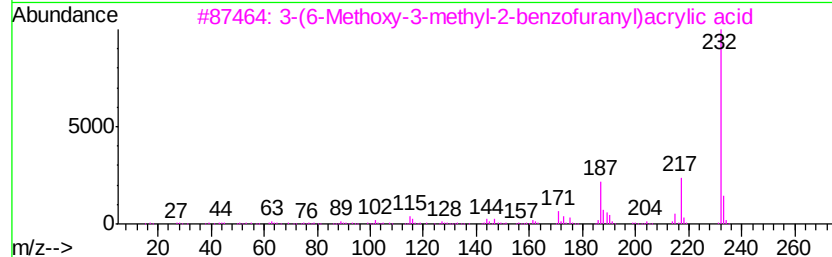
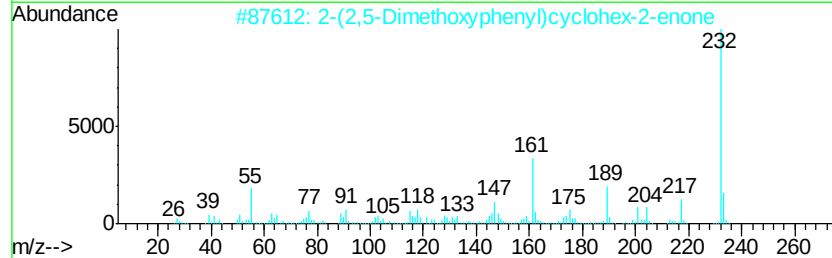
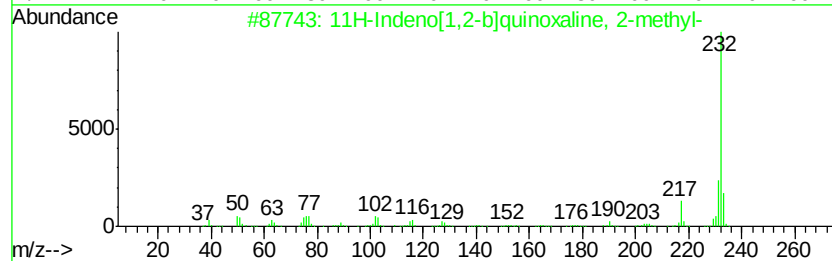
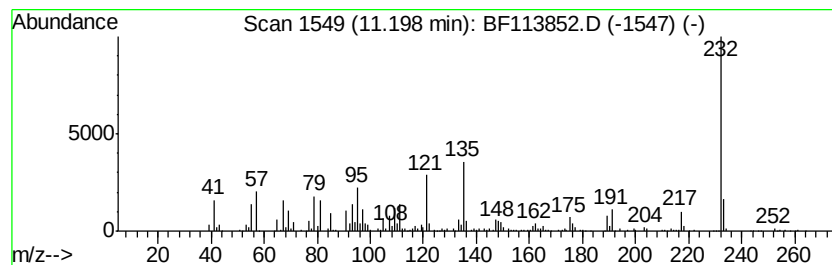
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.20 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.66 ng	240753	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[1,2-b]quinoxaline, 2-...	232	C16H12N2	081829-02-9	43
2		2-(2,5-Dimethoxyphenyl)cyclohex-...	232	C14H16O3	001848-12-0	38
3		3-(6-Methoxy-3-methyl-2-benzofur...	232	C13H12O4	010410-32-9	38
4		Tricyclo[3.3.1.1(3,7)]decane-2,6...	232	C12H12N2O3	056782-75-3	38
5		(3,4-Dimethoxyphenyl)(3H-imidazo...	232	C12H12N2O3	1000311-12-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
Operator : JU/SJ
Sample : K2453-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-STONES

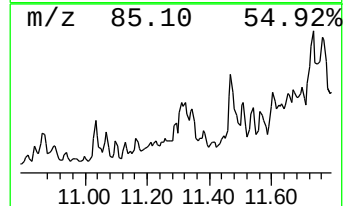
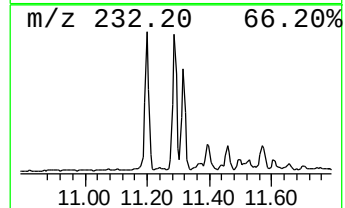
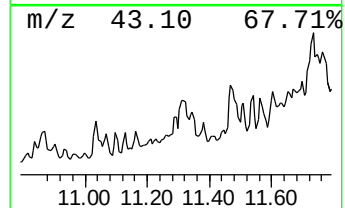
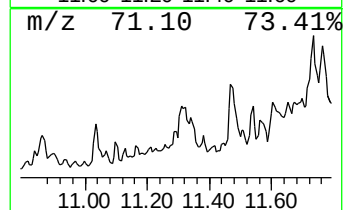
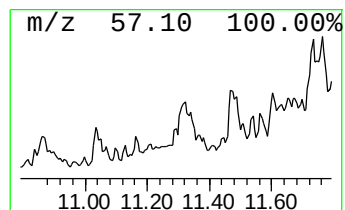
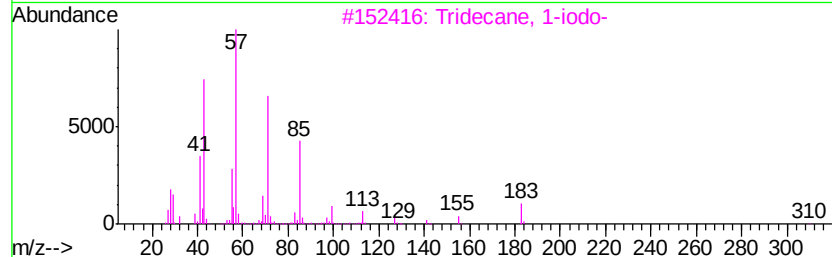
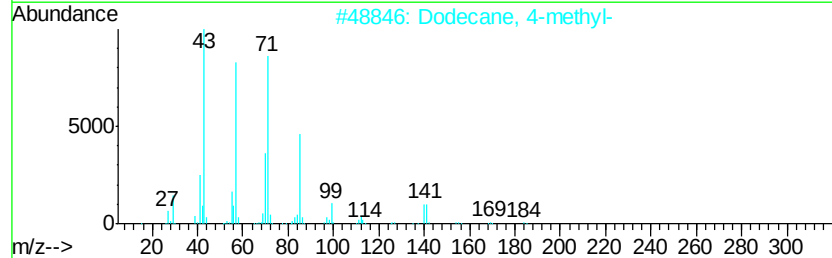
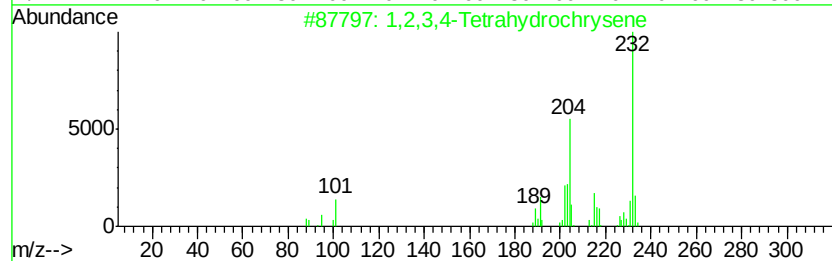
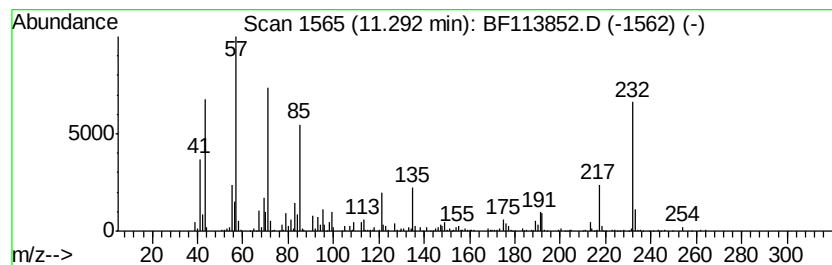
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.29 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.91 ng	389205	Phenanthrene-d10	11.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	43
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	30
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	25
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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 Misc :
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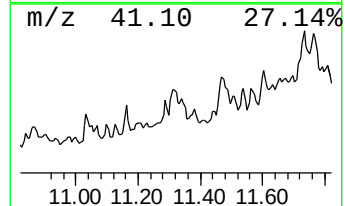
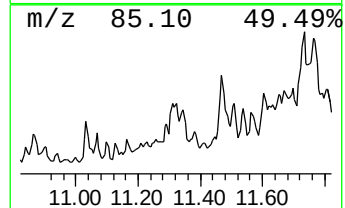
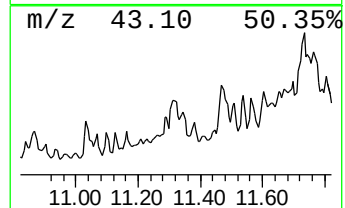
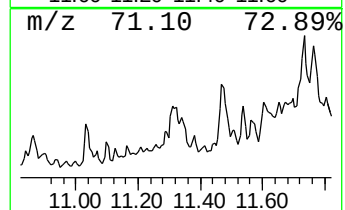
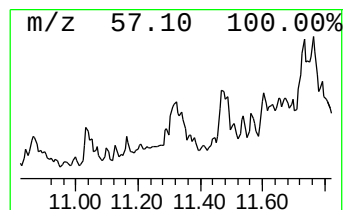
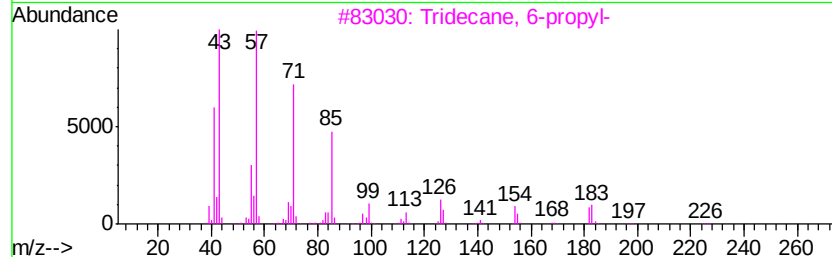
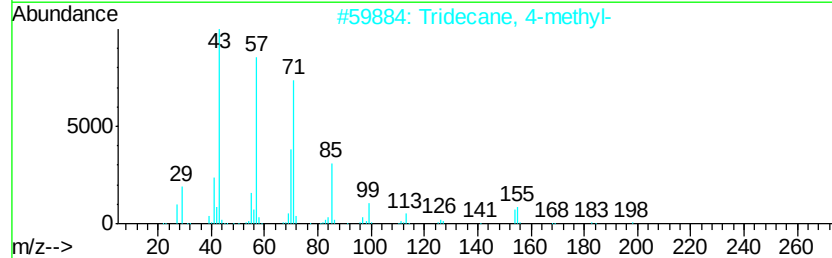
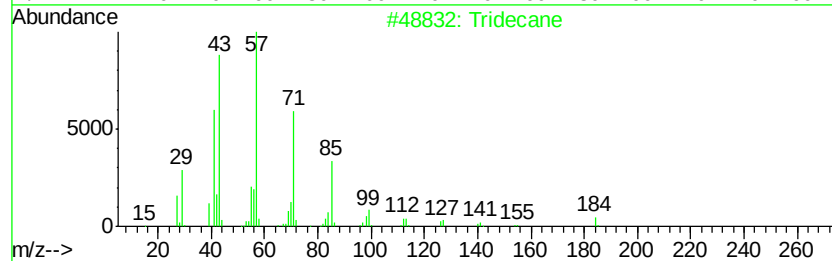
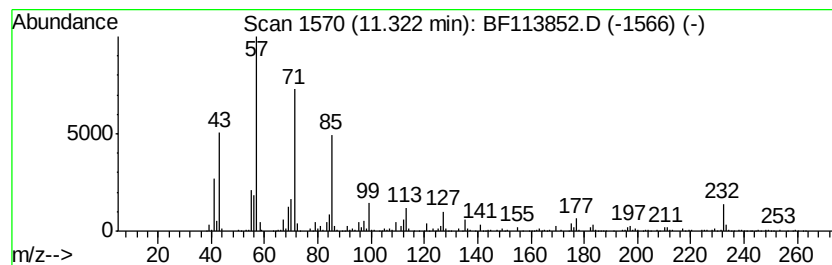
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.32	13.10 ng	862485	Phenanthrene-d10		11.42	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	83
2	Tridecane, 4-methyl-		198	C14H30	026730-12-1	64
3	Tridecane, 6-propyl-		226	C16H34	055045-10-8	64
4	Hexadecane		226	C16H34	000544-76-3	60
5	Hexacosane		366	C26H54	000630-01-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Sample : K2453-01
Misc :
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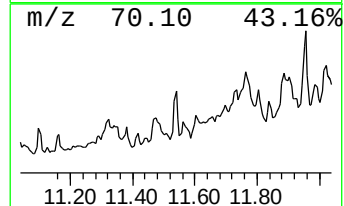
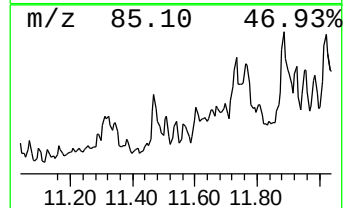
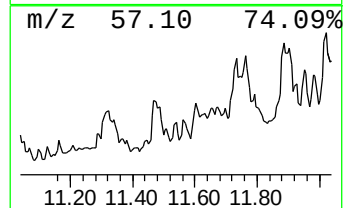
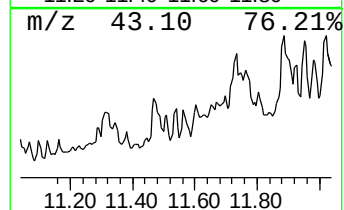
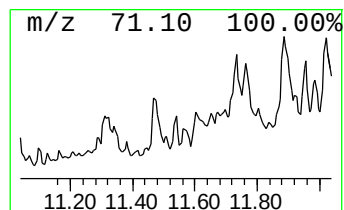
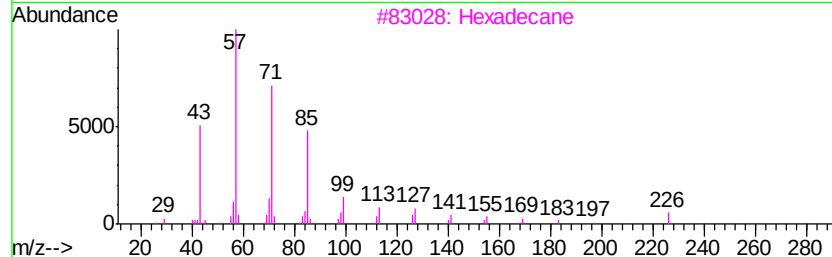
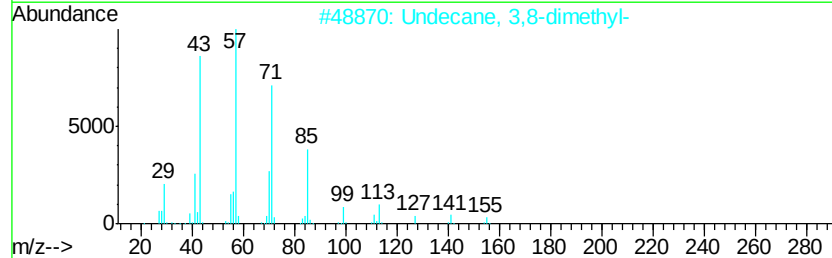
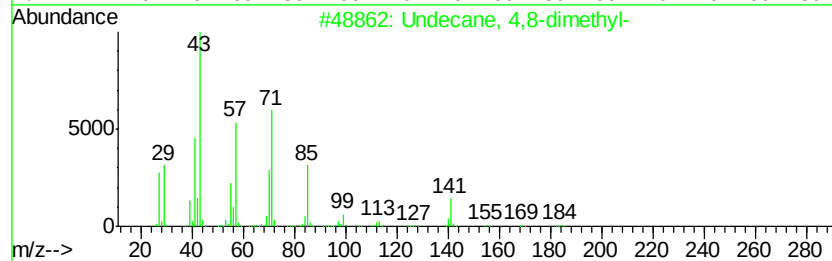
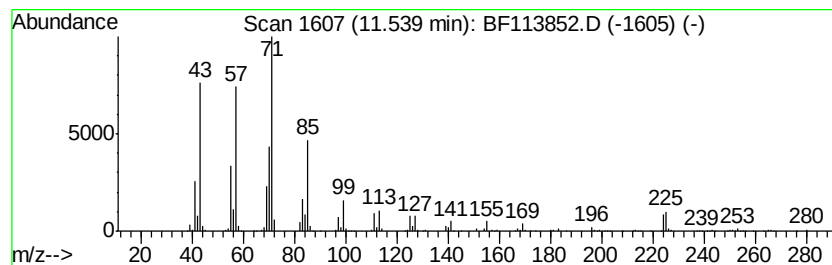
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 4,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.54	5.08 ng	334631	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	80
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
3	Hexadecane	226	C16H34	000544-76-3	55
4	Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1000309-14-7	53
5	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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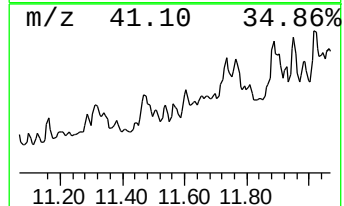
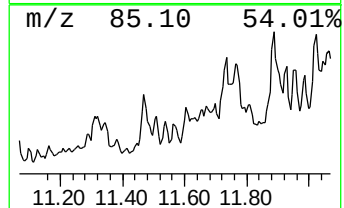
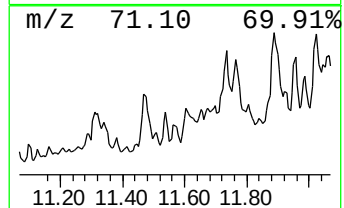
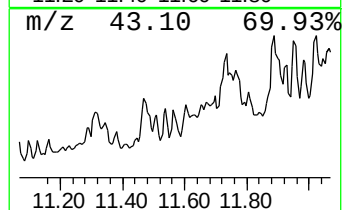
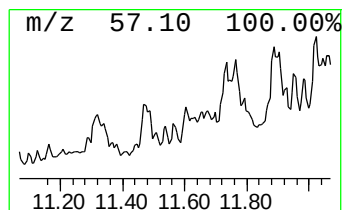
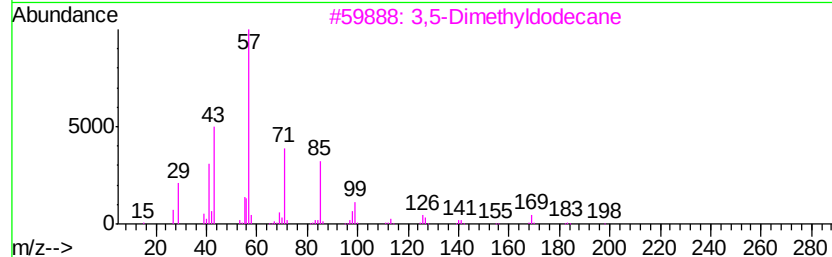
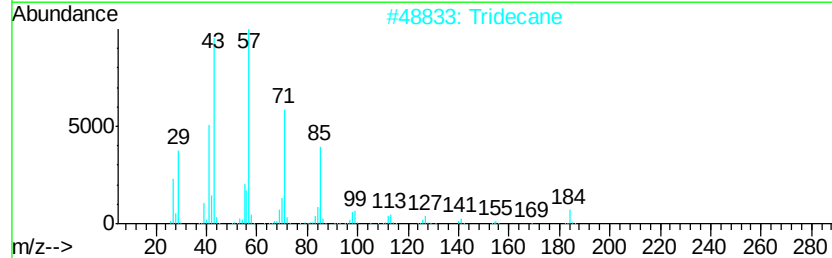
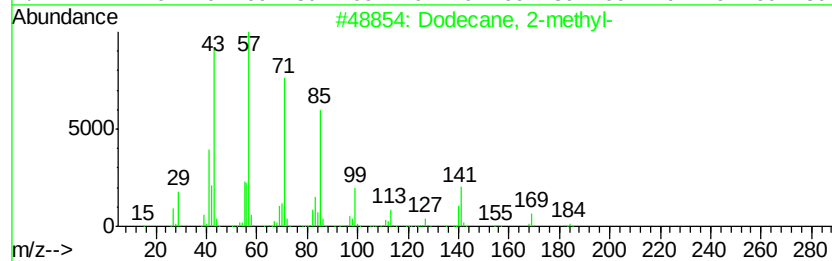
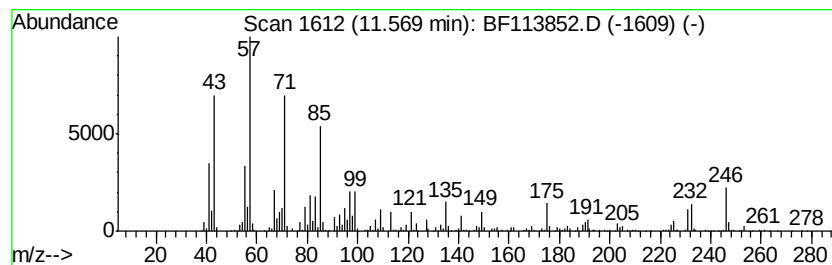
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	9.57 ng	630239	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
2		Tridecane	184	C13H28	000629-50-5	46
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	43
5		Triacontane	422	C30H62	000638-68-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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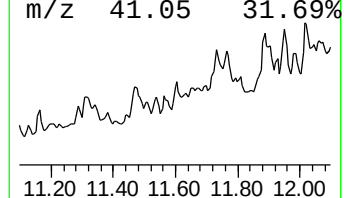
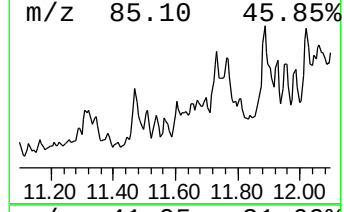
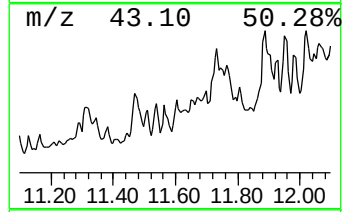
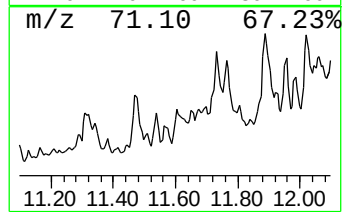
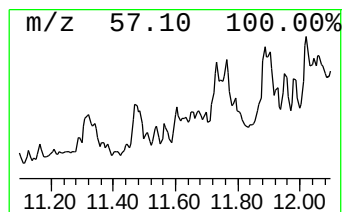
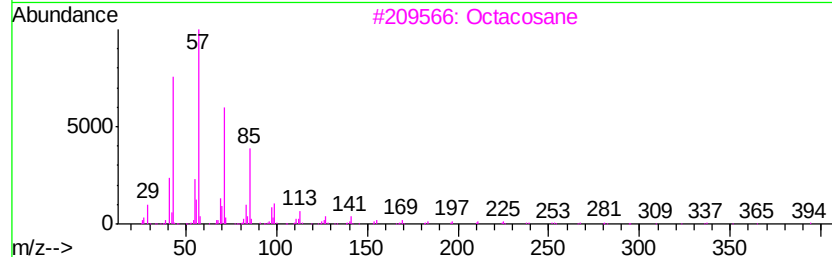
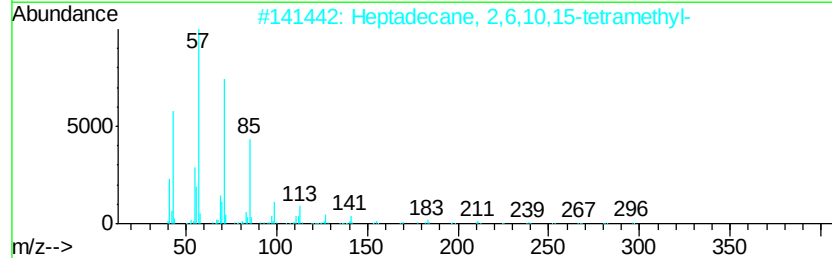
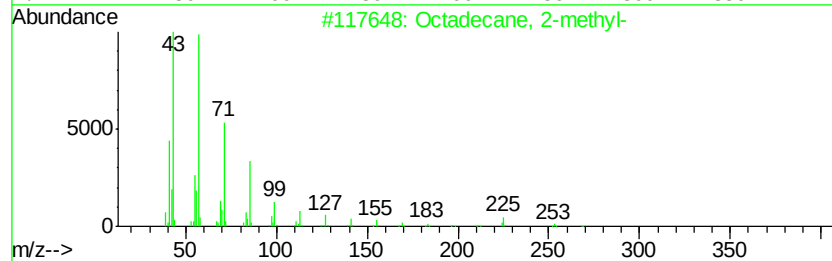
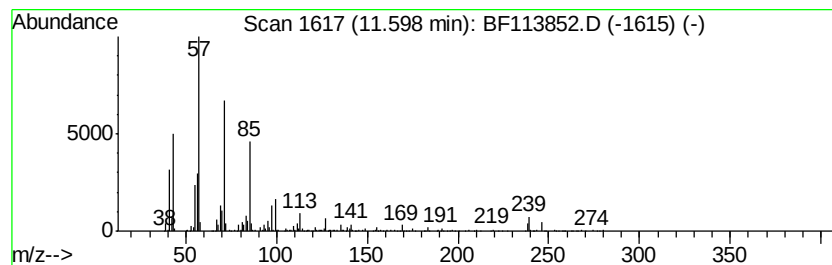
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Octadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	13.20 ng	868980	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Octacosane	394	C28H58	000630-02-4	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
Operator : JU/SJ
Sample : K2453-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-STONES

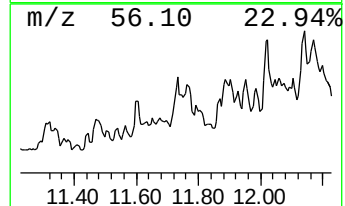
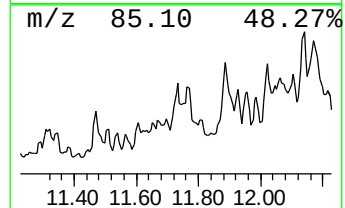
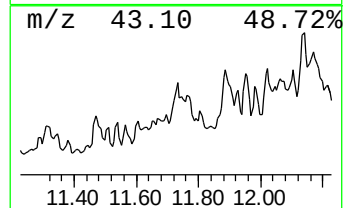
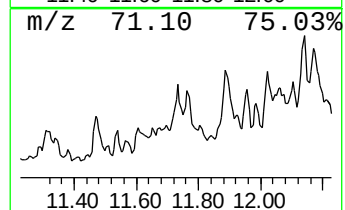
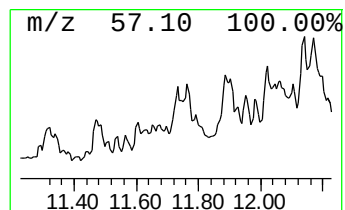
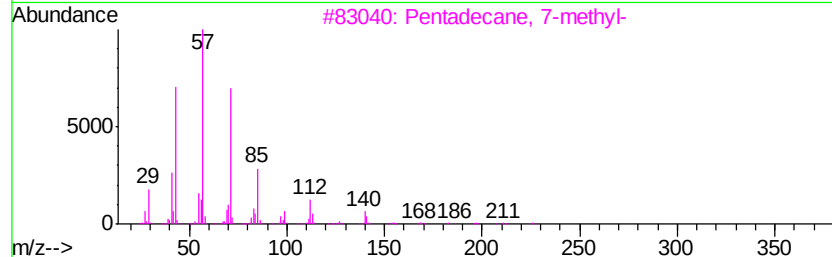
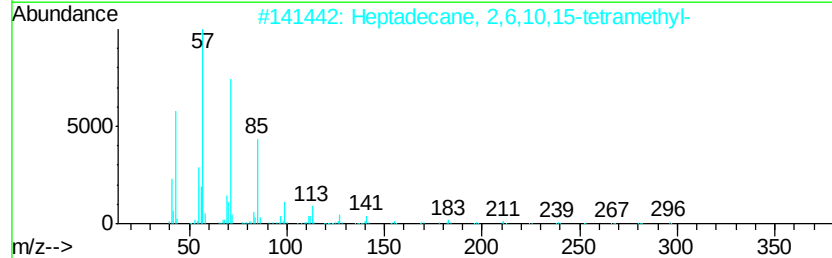
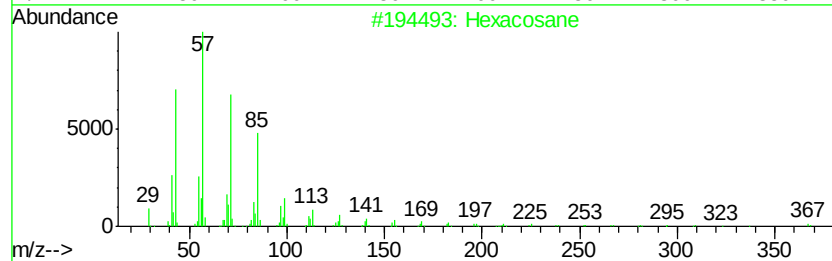
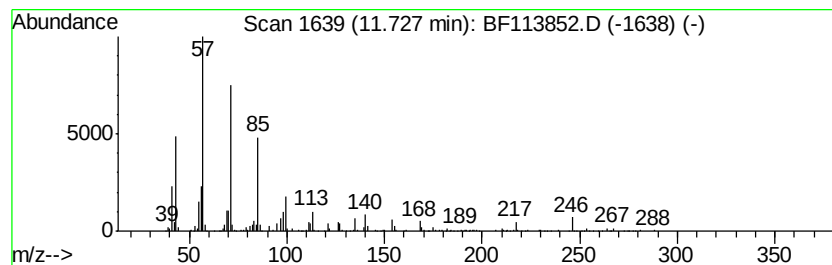
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.43 ng	554935	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
4		Dodecane	170	C12H26	000112-40-3	80
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Operator : JU/SJ
Sample : K2453-01
Misc :
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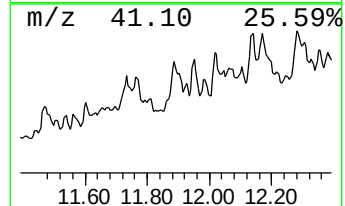
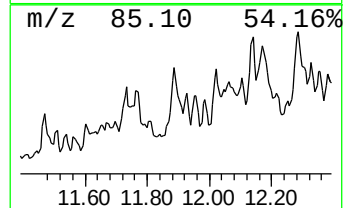
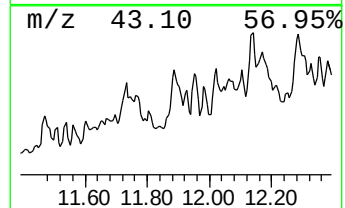
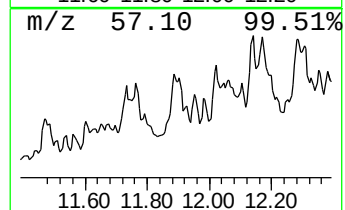
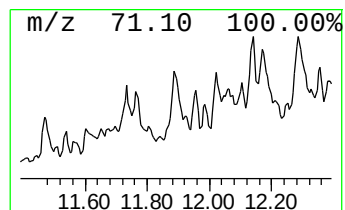
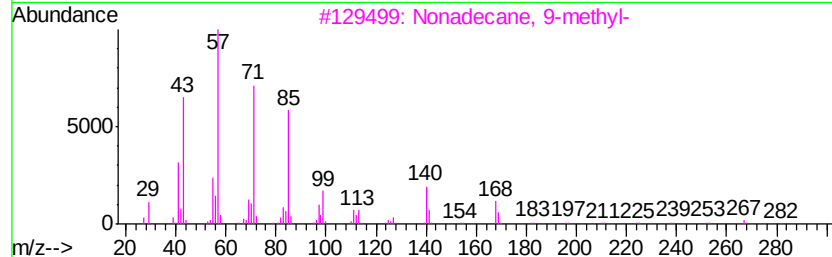
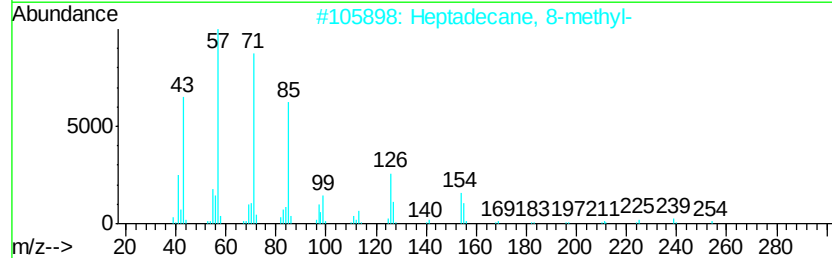
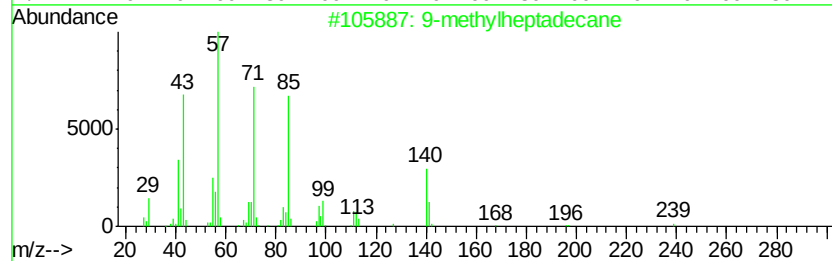
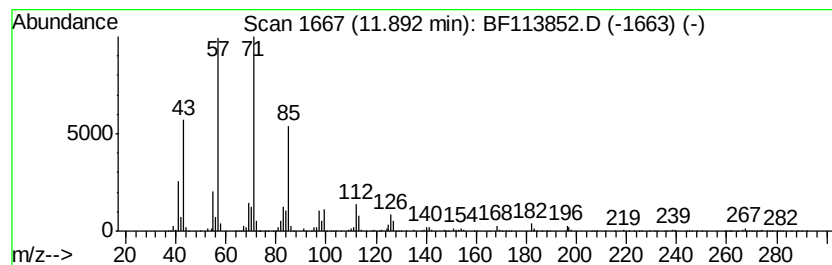
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-methylheptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	27.19 ng	1790230	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	72
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
4	Nonadecane	268	C19H40	000629-92-5	60
5	Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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 Sample : K2453-01
 Misc :
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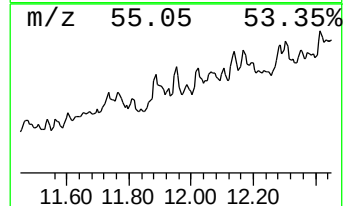
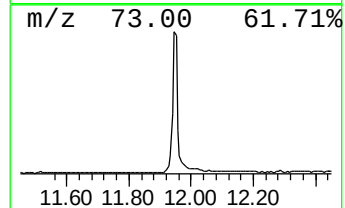
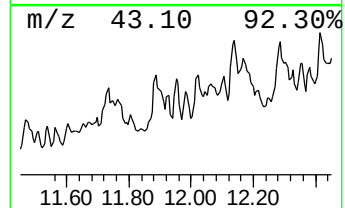
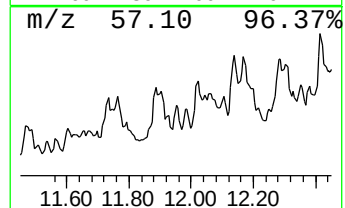
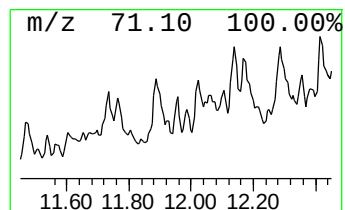
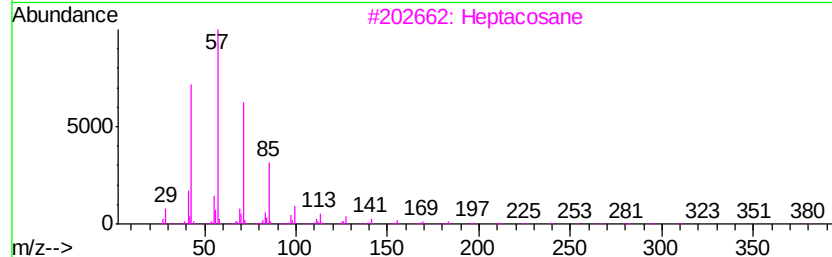
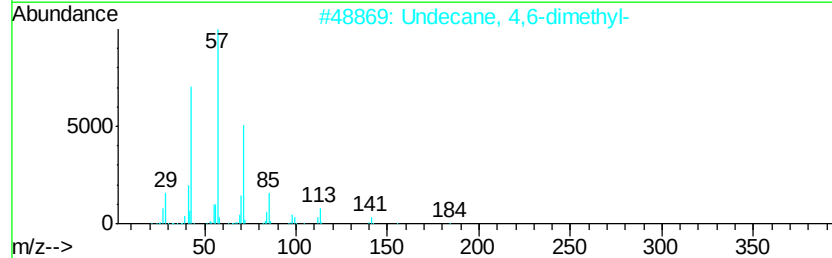
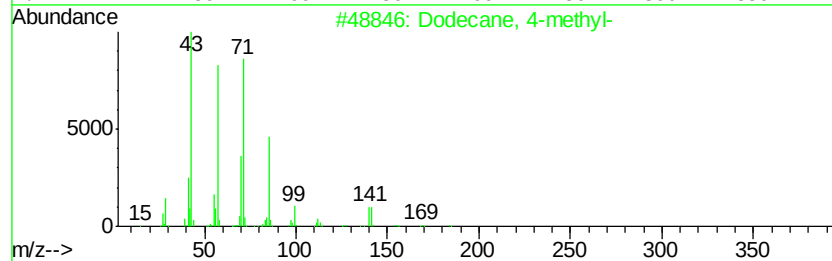
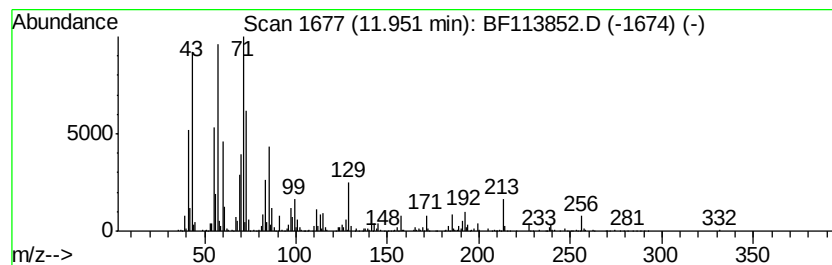
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 ClientSampleId :
 OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Dodecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	16.19 ng	1065990	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
3	Heptacosane	380	C27H56	000593-49-7	46
4	Sulfurous acid, hexadecyl pentyl...	376	C21H44O3S	1000309-14-9	43
5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
Operator : JU/SJ
Sample : K2453-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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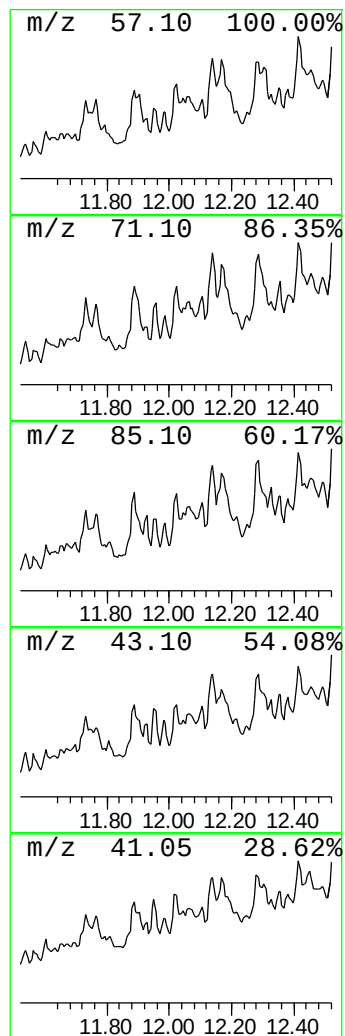
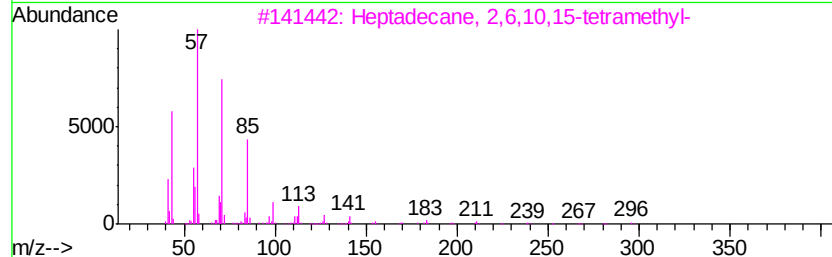
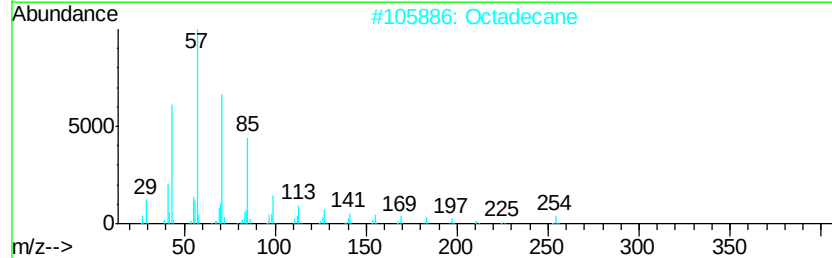
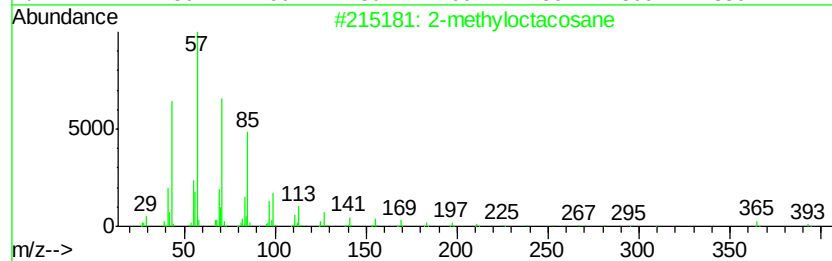
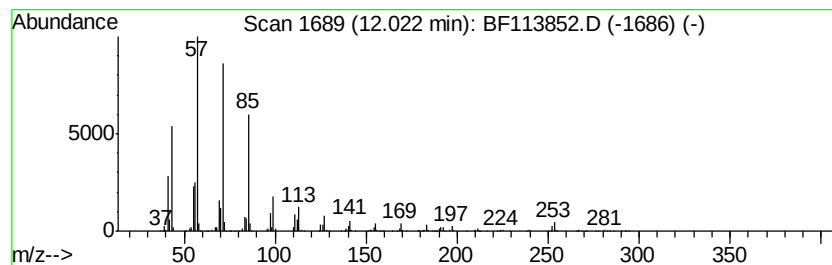
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	24.81 ng	1633630	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Octadecane	254	C18H38	000593-45-3	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
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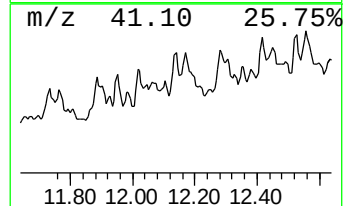
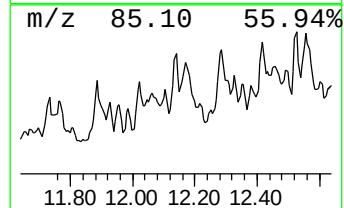
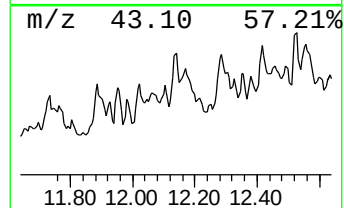
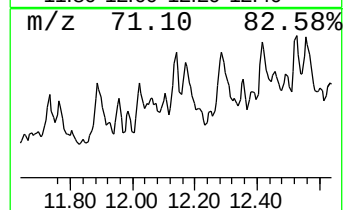
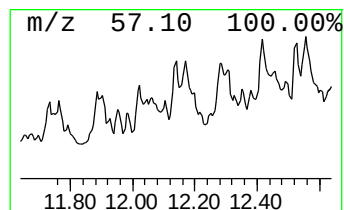
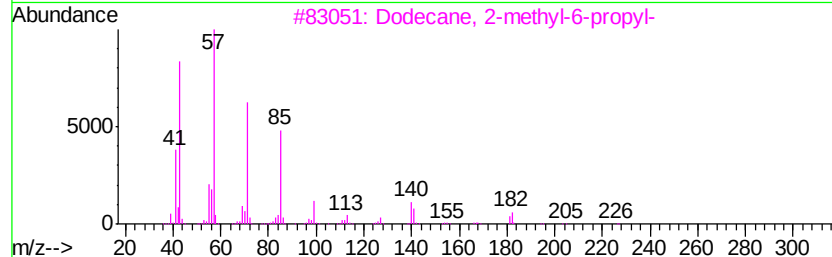
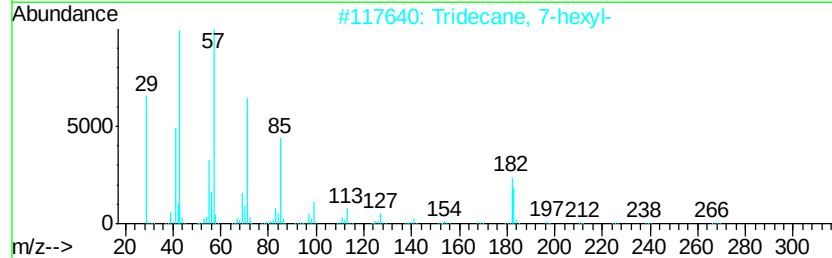
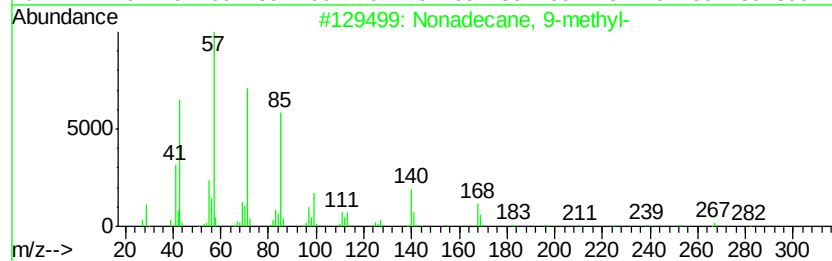
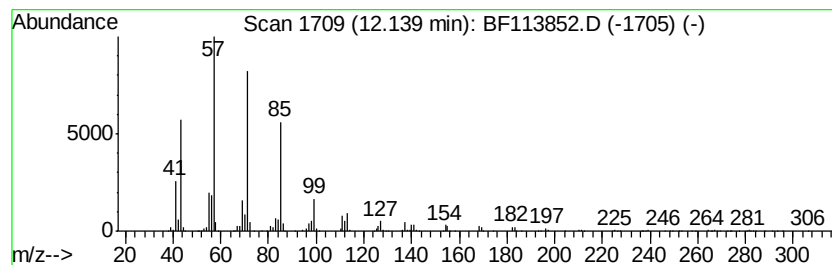
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Nonadecane, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	26.65 ng	1755000	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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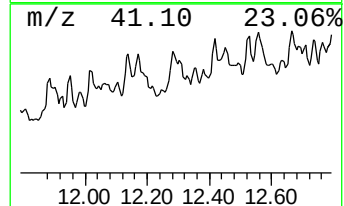
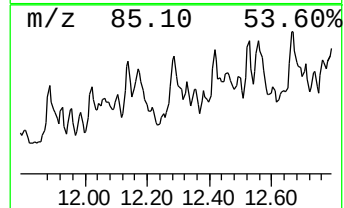
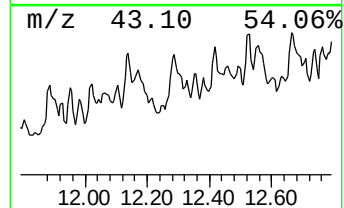
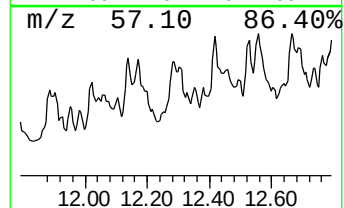
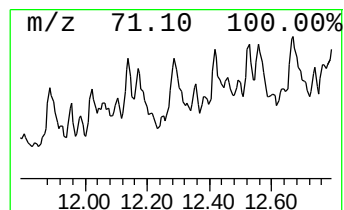
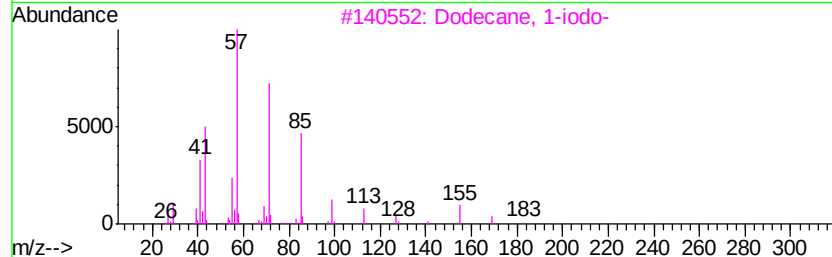
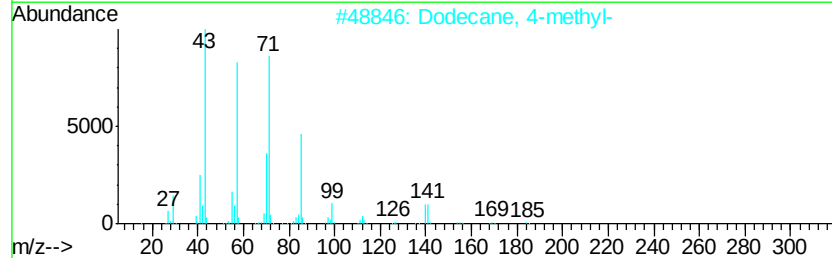
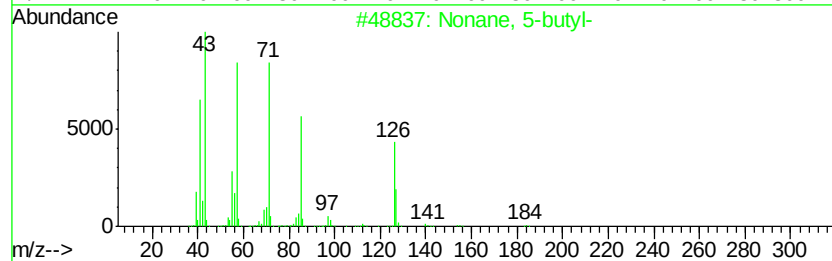
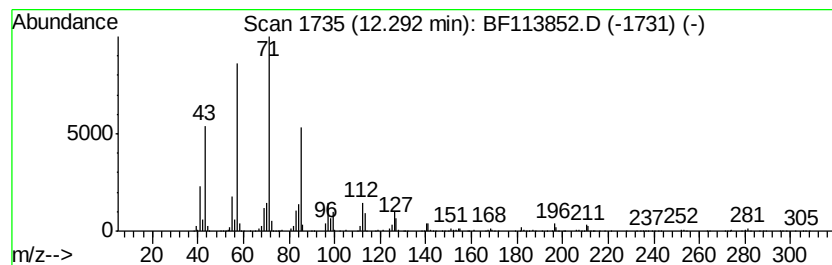
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonane, 5-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	20.10 ng	1323450	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
Acq On : 19 Apr 2019 12:18
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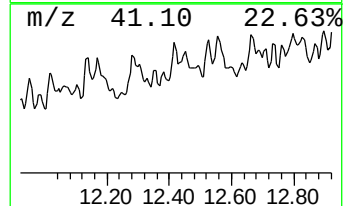
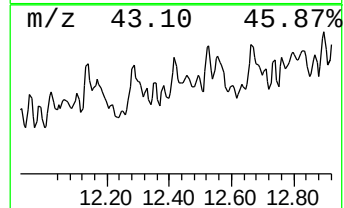
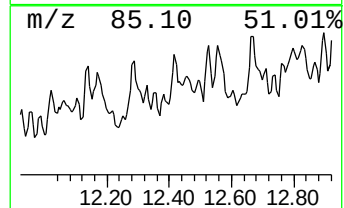
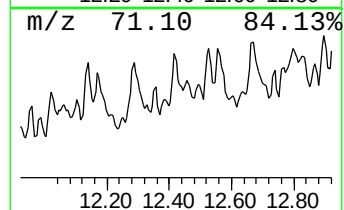
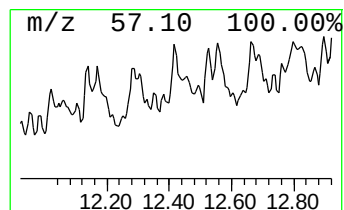
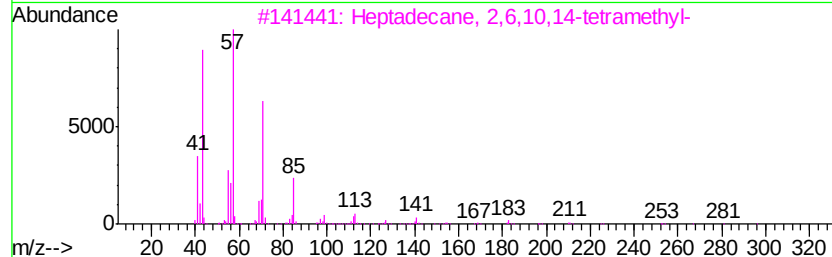
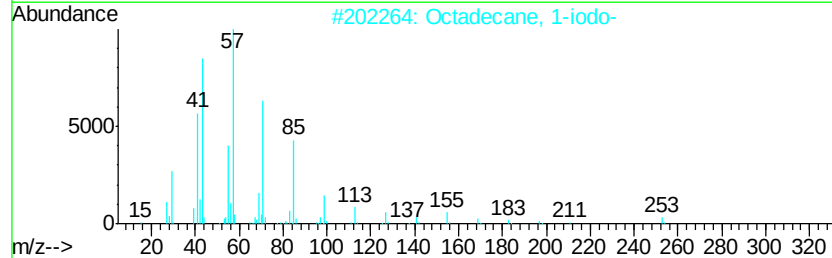
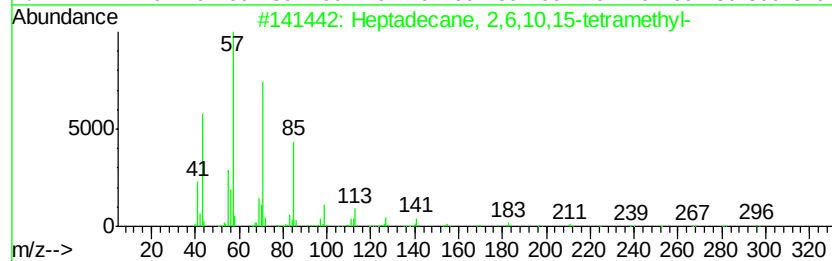
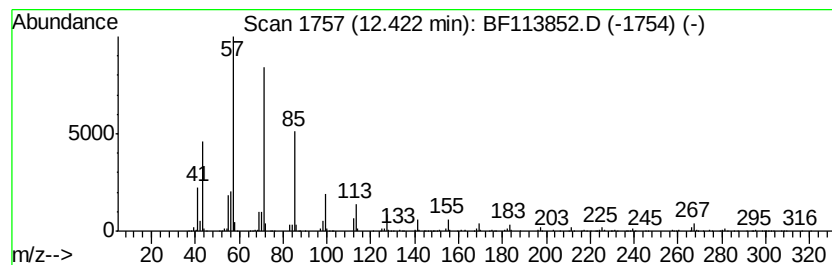
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	20.15 ng	1326530	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
4		2-methyloctacosane	408	C29H60	1000376-72-8	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113852.D
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Sample : K2453-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OILY-STONES

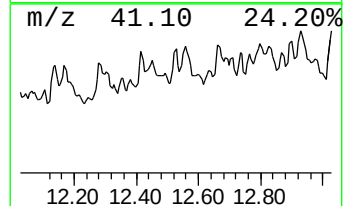
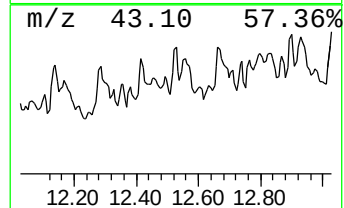
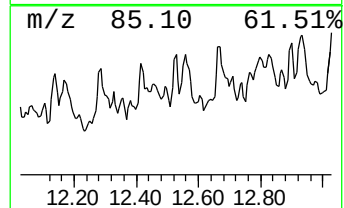
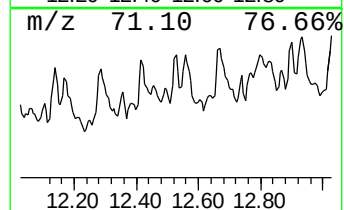
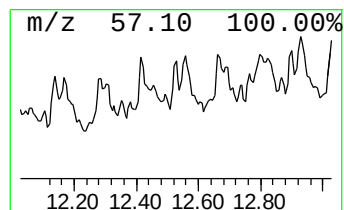
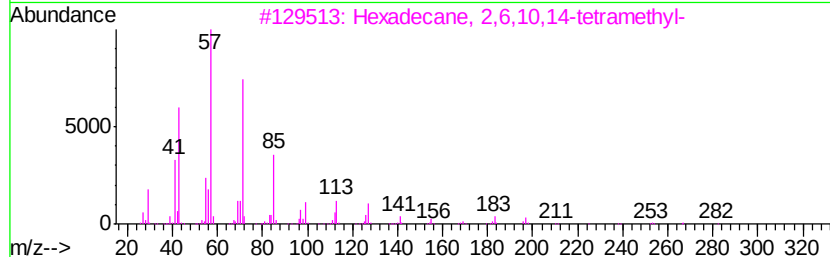
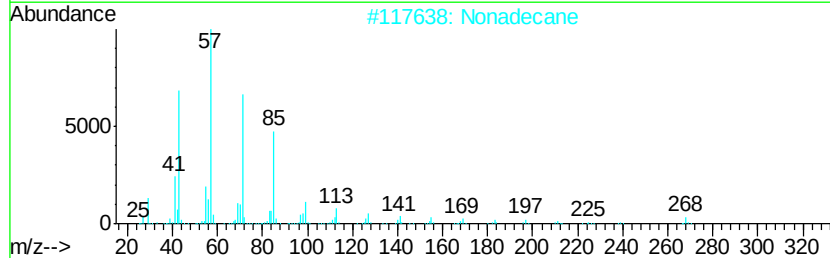
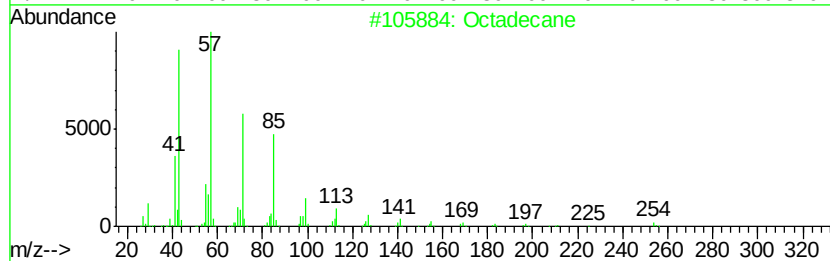
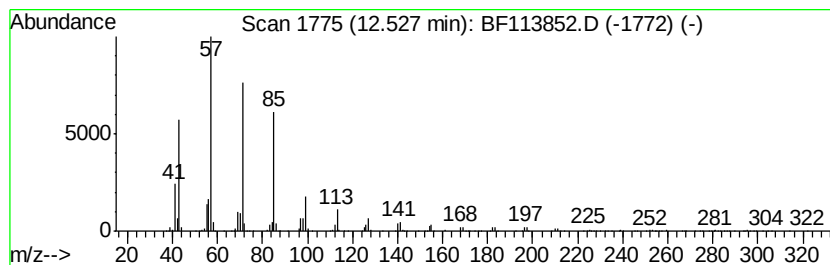
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	21.51 ng	1416180	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81
4		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113852.D
 Acq On : 19 Apr 2019 12:18
 Operator : JU/SJ
 Sample : K2453-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.67	6.67	81.5	ng	4896630	1	6.90	1202250	20.0
Heptacosane	10.58	6.6	ng	518585	3	9.93	1574970	20.0
Dodecane, 2,6,11-...	10.86	5.9	ng	389325	4	11.42	1316930	20.0
Bacchotricuneatin c	11.03	10.1	ng	665583	4	11.42	1316930	20.0
Pentadecane	11.16	4.2	ng	279041	4	11.42	1316930	20.0
unknown11.20	11.20	3.7	ng	240753	4	11.42	1316930	20.0
unknown11.29	11.29	5.9	ng	389205	4	11.42	1316930	20.0
Tridecane	11.32	13.1	ng	862485	4	11.42	1316930	20.0
Undecane, 4,8-dim...	11.54	5.1	ng	334631	4	11.42	1316930	20.0
Dodecane, 2-methyl-	11.57	9.6	ng	630239	4	11.42	1316930	20.0
Octadecane, 2-met...	11.60	13.2	ng	868980	4	11.42	1316930	20.0
Hexacosane	11.73	8.4	ng	554935	4	11.42	1316930	20.0
9-methylheptadecane	11.89	27.2	ng	1790230	4	11.42	1316930	20.0
Dodecane, 4-methyl-	11.95	16.2	ng	1065990	4	11.42	1316930	20.0
2-methyloctacosane	12.02	24.8	ng	1633630	4	11.42	1316930	20.0
Nonadecane, 9-met...	12.14	26.6	ng	1755000	4	11.42	1316930	20.0
Nonane, 5-butyl-	12.29	20.1	ng	1323450	4	11.42	1316930	20.0
Heptadecane, 2,6,...	12.42	20.1	ng	1326530	4	11.42	1316930	20.0
Octadecane	12.53	21.5	ng	1416180	4	11.42	1316930	20.0