

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021419\
 Data File : BF112565.D
 Acq On : 14 Feb 2019 14:04
 Operator : JU/SJ
 Sample : K1349-05 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-021319-A

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-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	571	574	589	rBV	505418	659319	8.24%	1.645%
2	6.475	743	746	765	rBV	496801	756852	9.46%	1.888%
3	6.604	765	768	775	rVV	808166	757018	9.46%	1.888%
4	6.828	803	806	814	rVB	551867	479585	5.99%	1.196%
5	6.987	828	833	842	rBV	617315	609653	7.62%	1.521%
6	7.392	899	902	905	rBV	401144	383515	4.79%	0.957%
7	7.422	905	907	911	rVB	126994	106699	1.33%	0.266%
8	8.087	1017	1020	1022	rBV	160689	148310	1.85%	0.370%
9	8.110	1022	1024	1027	rVV	601248	472478	5.90%	1.179%
10	8.398	1068	1073	1078	rBV5	56565	81067	1.01%	0.202%
11	8.698	1121	1124	1128	rBV	237675	205847	2.57%	0.513%
12	8.828	1143	1146	1149	rBV	157387	133404	1.67%	0.333%
13	8.928	1158	1163	1169	rBV2	150276	187782	2.35%	0.468%
14	9.181	1203	1206	1211	rBV	972594	807870	10.09%	2.015%
15	9.263	1216	1220	1222	rBV	264406	237458	2.97%	0.592%
16	9.522	1261	1264	1268	rVV4	73373	103974	1.30%	0.259%
17	9.581	1271	1274	1276	rVB3	117355	113958	1.42%	0.284%
18	9.792	1306	1310	1313	rVB	252469	219481	2.74%	0.547%
19	9.863	1317	1322	1326	rVV	653275	649369	8.11%	1.620%
20	9.898	1326	1328	1332	rVB	222193	175969	2.20%	0.439%
21	10.075	1355	1358	1361	rVB2	149999	134945	1.69%	0.337%
22	10.110	1361	1364	1368	rBV4	87321	90267	1.13%	0.225%
23	10.286	1388	1394	1397	rBV	295769	282193	3.53%	0.704%
24	10.416	1409	1416	1423	rBV	241418	276495	3.45%	0.690%
25	10.504	1426	1431	1437	rVB4	95116	165178	2.06%	0.412%
26	10.663	1454	1458	1467	rBV	481965	542345	6.78%	1.353%
27	10.763	1472	1475	1484	rVB	276636	349672	4.37%	0.872%
28	11.210	1547	1551	1554	rBV	255456	217561	2.72%	0.543%
29	11.357	1572	1576	1578	rBV	763587	684826	8.56%	1.708%
30	11.380	1578	1580	1586	rVV	1090125	868191	10.85%	2.166%
31	11.433	1586	1589	1592	rVV	232205	200643	2.51%	0.500%
32	11.592	1612	1616	1620	rBV	98824	100608	1.26%	0.251%
33	11.633	1620	1623	1626	rBV	213945	175753	2.20%	0.438%
34	11.739	1637	1641	1644	rVB	2103587	1819962	22.74%	4.540%

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35	11.857	1656	1661	1662	rBV	116720	101356	1.27%	0.253%
36	11.880	1662	1665	1672	rVB2	482268	590040	7.37%	1.472%
37	11.975	1678	1681	1683	rBV2	163300	162181	2.03%	0.405%
38	12.039	1689	1692	1699	rBV	179886	170863	2.13%	0.426%
39	12.433	1752	1759	1760	rBV	7117239	8004189	100.00%	19.965%
40	12.451	1760	1762	1768	rVV2	6212702	5826524	72.79%	14.533%
41	12.527	1772	1775	1779	rVB	1276841	992913	12.40%	2.477%
42	12.574	1779	1783	1785	rBV	1770171	1959623	24.48%	4.888%
43	12.598	1785	1787	1793	rVV	949951	1116890	13.95%	2.786%
44	12.669	1796	1799	1804	rVB2	177299	206730	2.58%	0.516%
45	12.804	1817	1822	1829	rVB	807639	1014107	12.67%	2.530%
46	12.939	1841	1845	1848	rVB	900765	824391	10.30%	2.056%
47	13.133	1872	1878	1880	rBV	167533	222989	2.79%	0.556%
48	13.157	1880	1882	1887	rVV	161006	183232	2.29%	0.457%
49	13.198	1887	1889	1892	rVB	145470	110873	1.39%	0.277%
50	13.251	1893	1898	1903	rBV5	185690	259486	3.24%	0.647%
51	13.498	1937	1940	1943	rBV	137921	118836	1.48%	0.296%
52	13.827	1993	1996	2000	rVB2	232846	213636	2.67%	0.533%
53	13.921	2009	2012	2016	rBV2	154929	180263	2.25%	0.450%
54	14.004	2021	2026	2029	rVV2	885546	1131760	14.14%	2.823%
55	14.033	2029	2031	2034	rVB	288990	241029	3.01%	0.601%
56	14.145	2047	2050	2052	rBV	173643	156268	1.95%	0.390%
57	14.445	2099	2101	2107	rVB	230259	232553	2.91%	0.580%
58	14.751	2150	2153	2157	rBV	254897	233618	2.92%	0.583%
59	14.868	2169	2173	2176	rBV	207855	283692	3.54%	0.708%
60	15.051	2201	2204	2207	rBV	194523	268626	3.36%	0.670%
61	15.080	2207	2209	2213	rVB	354891	361771	4.52%	0.902%
62	15.357	2254	2256	2260	rVB	130248	131950	1.65%	0.329%
63	15.421	2264	2267	2270	rVV	176312	202760	2.53%	0.506%
64	15.457	2270	2273	2275	rVV	279482	341702	4.27%	0.852%
65	15.486	2275	2278	2281	rVB	404954	457142	5.71%	1.140%
66	15.886	2342	2346	2350	rVB	239554	317875	3.97%	0.793%
67	16.380	2427	2430	2437	rVB2	170017	272214	3.40%	0.679%

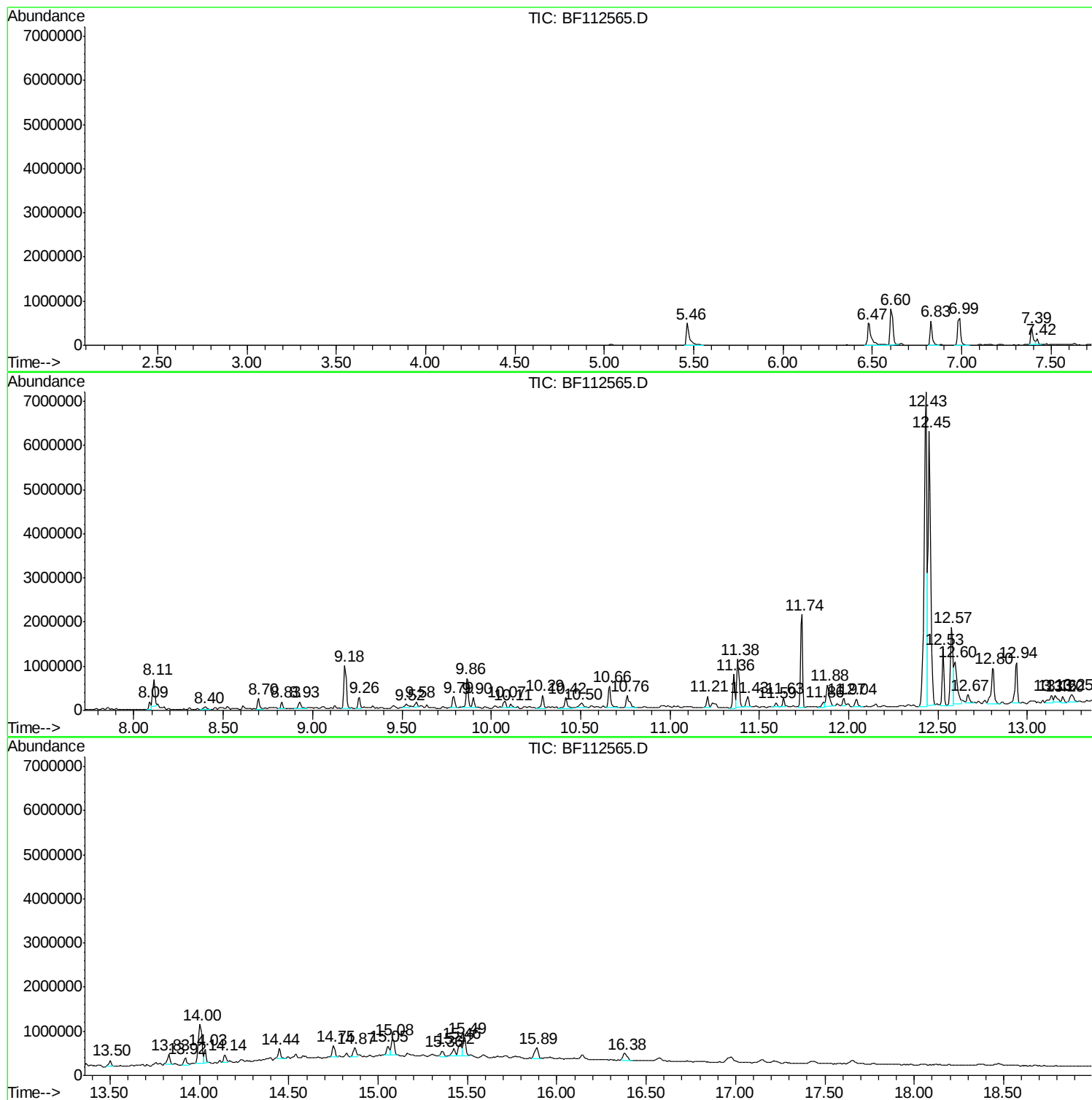
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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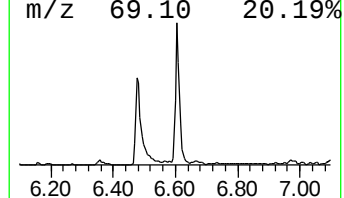
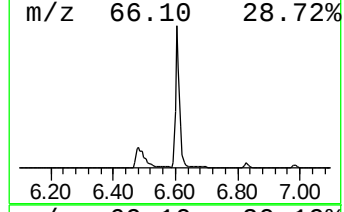
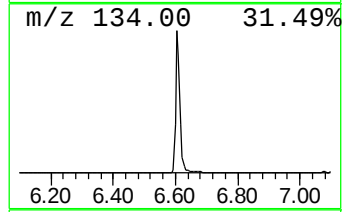
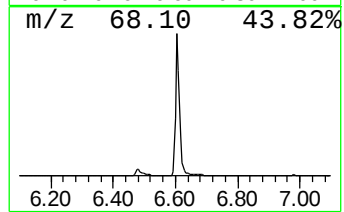
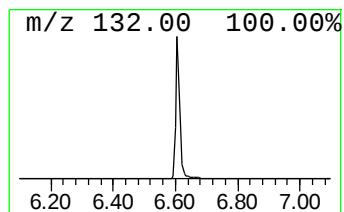
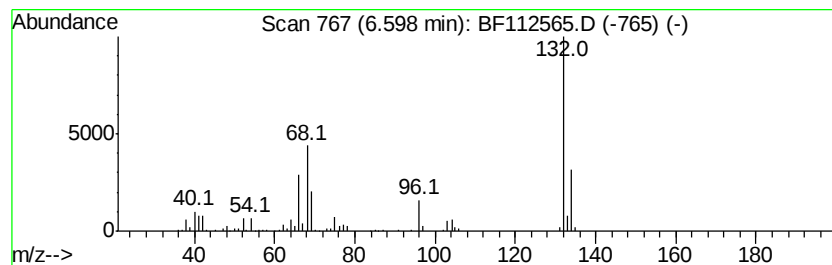
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	31.57 ng	757018	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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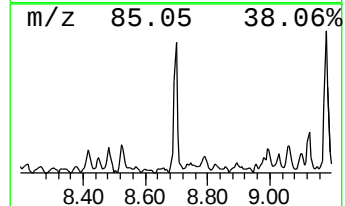
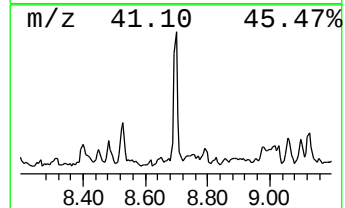
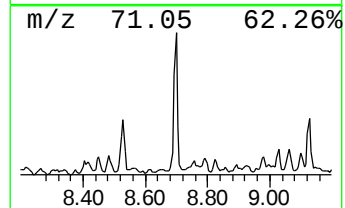
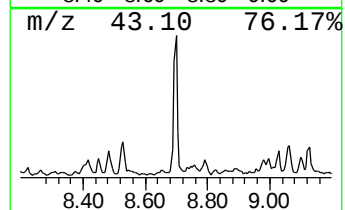
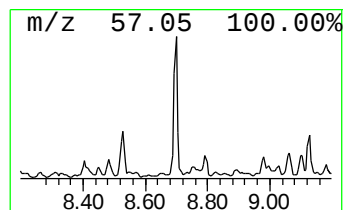
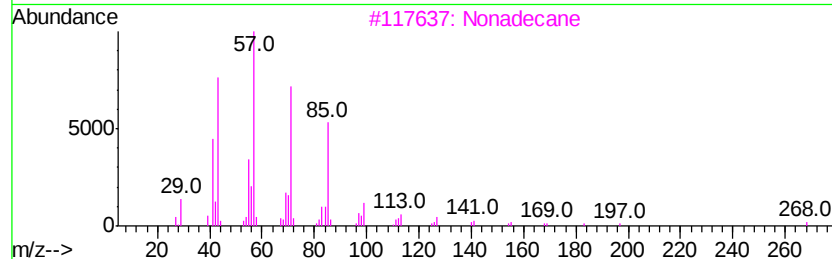
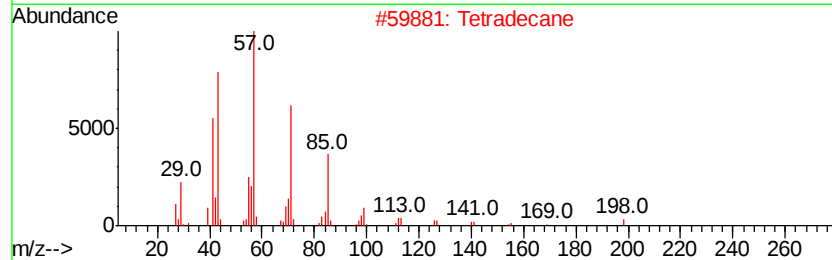
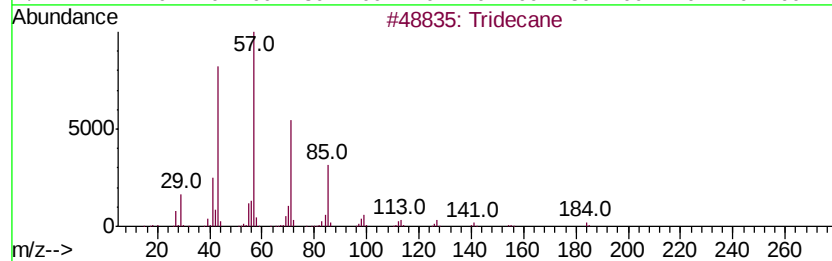
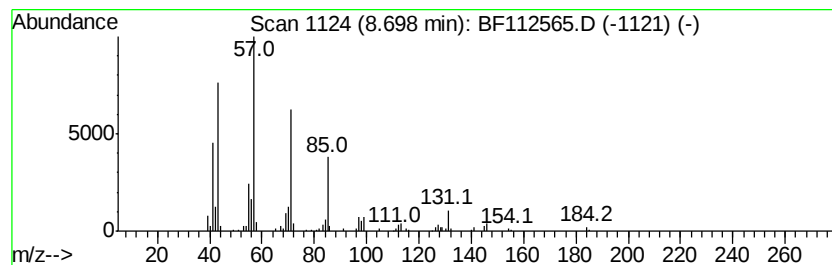
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	8.71 ng	205847	Naphthalene-d8	8.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	96
2	Tetradecane	198 C14H30	000629-59-4	83
3	Nonadecane	268 C19H40	000629-92-5	80
4	Hexadecane	226 C16H34	000544-76-3	80
5	Dodecane	170 C12H26	000112-40-3	80



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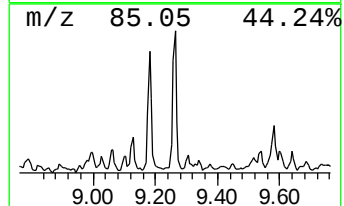
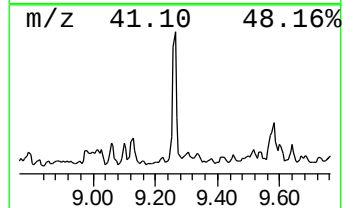
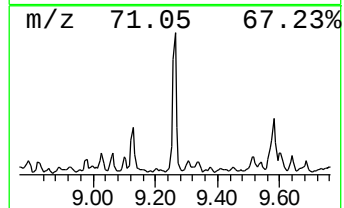
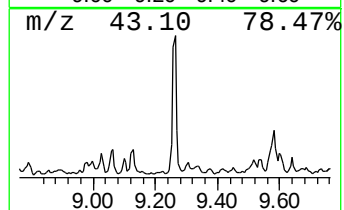
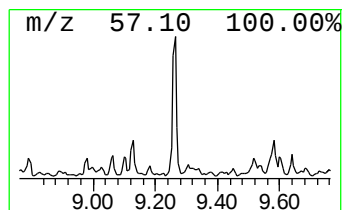
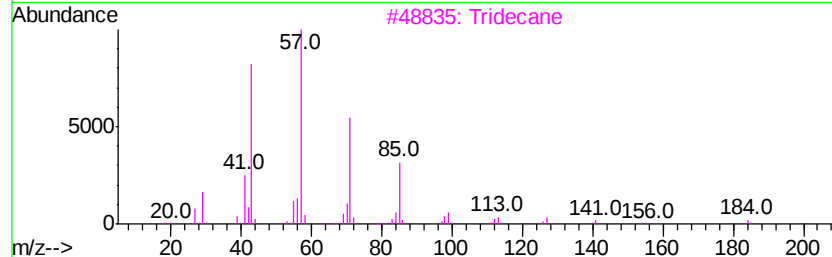
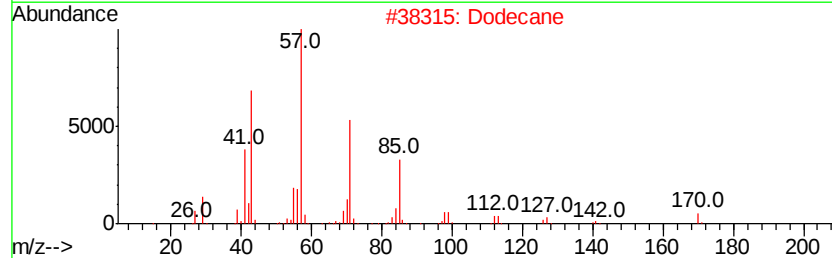
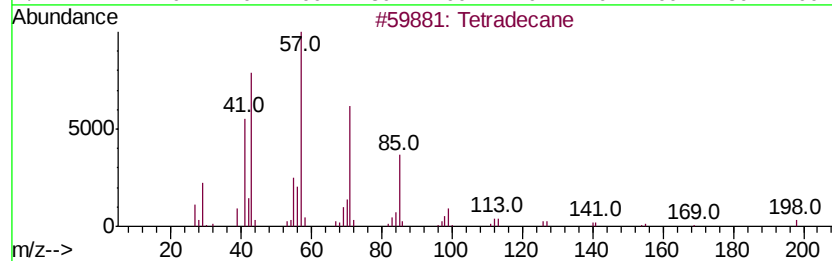
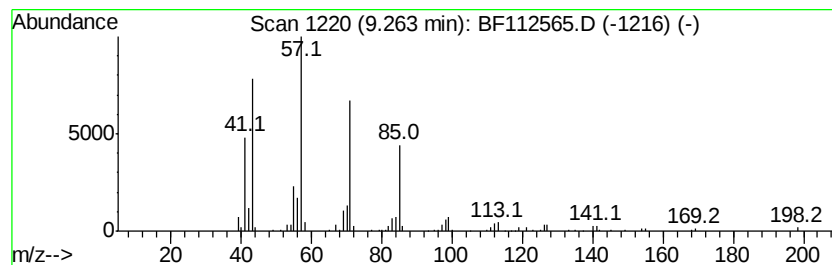
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Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	7.31 ng	237458	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Dodecane	170	C12H26	000112-40-3	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5		Octadecane	254	C18H38	000593-45-3	64



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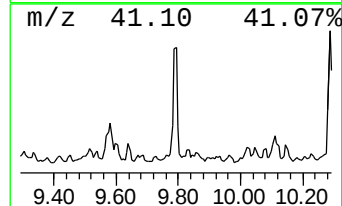
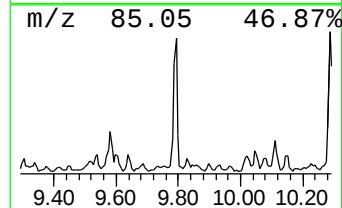
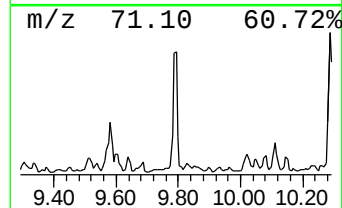
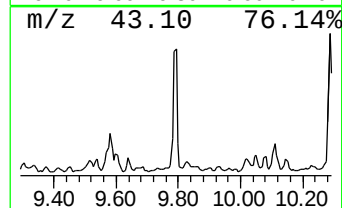
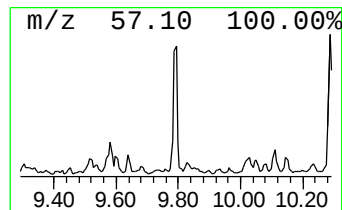
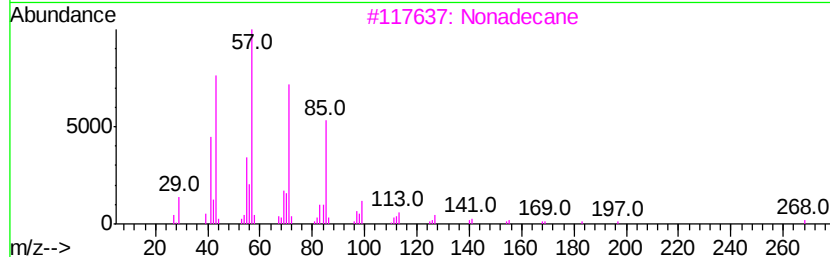
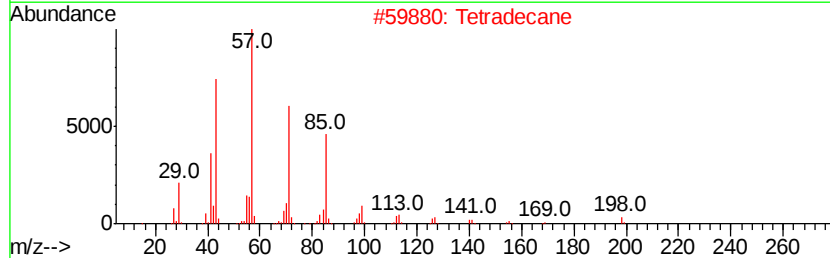
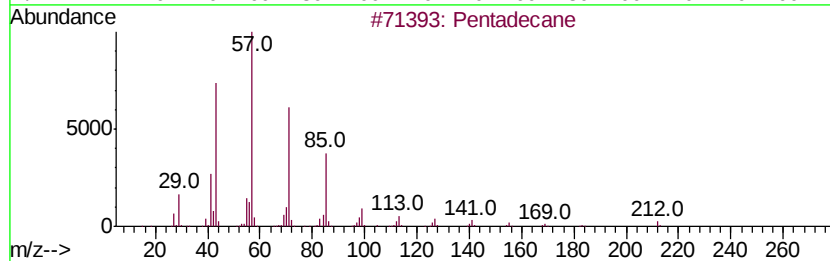
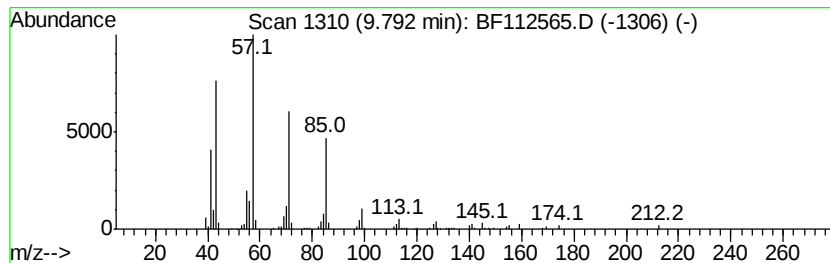
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.76 ng	219481	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	96
2		Tetradecane	198	C14H30	000629-59-4	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



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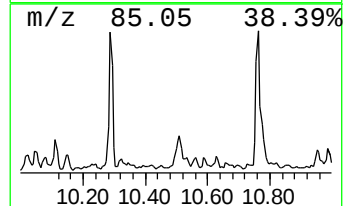
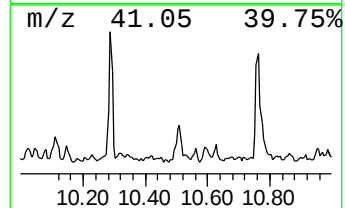
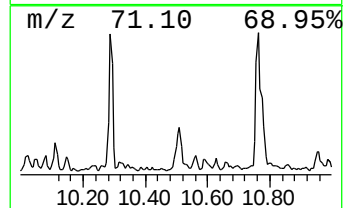
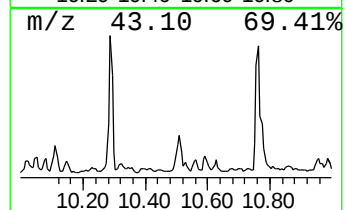
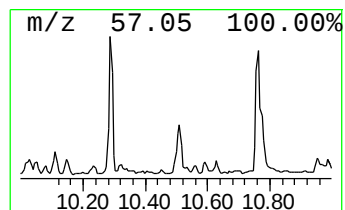
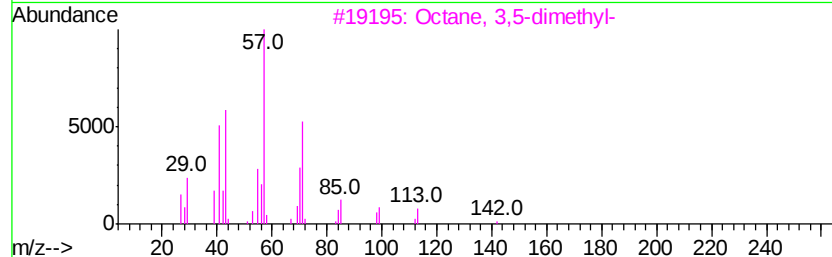
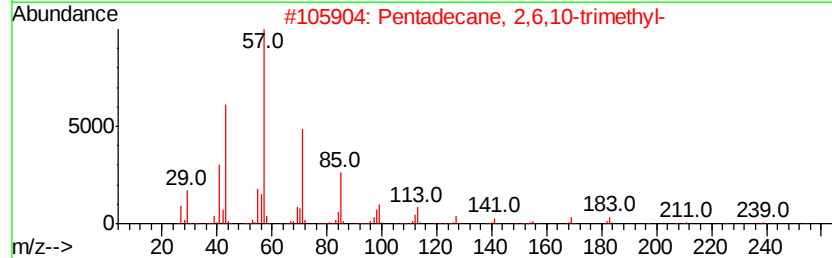
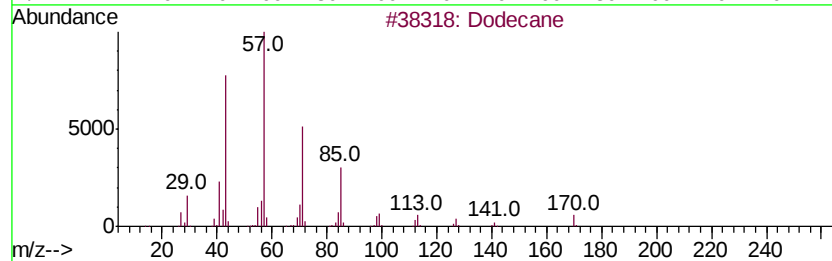
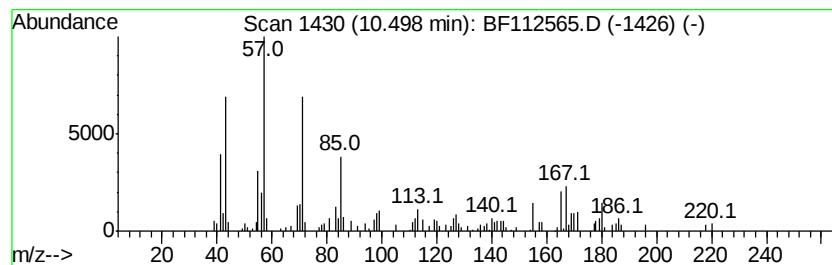
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	5.09 ng	165178	Acenaphthene-d10	9.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	81
2	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	72
3	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	62
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	58
5	Heptacosane		380	C27H56	000593-49-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-021319-A

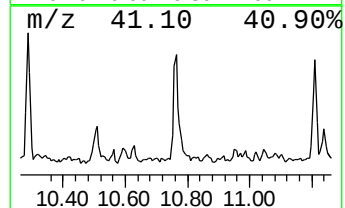
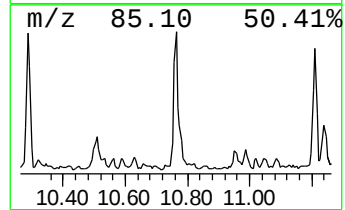
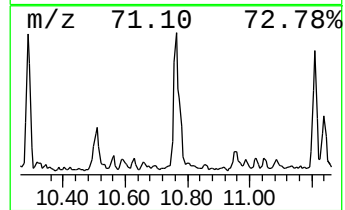
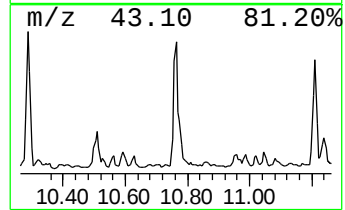
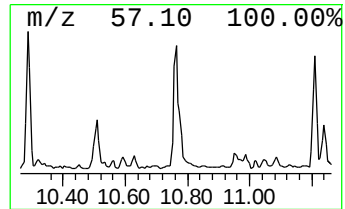
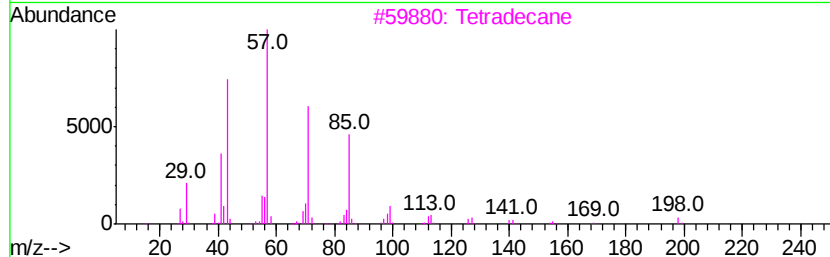
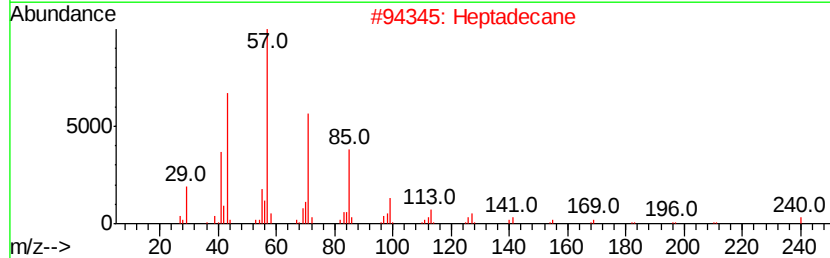
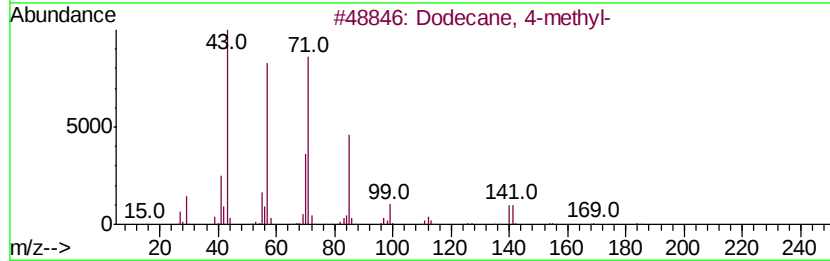
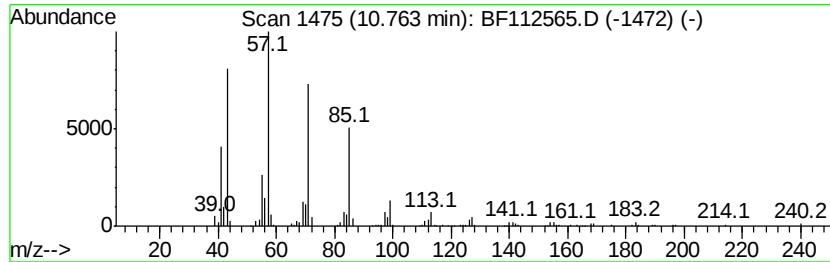
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	10.21 ng	349672	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-021319-A

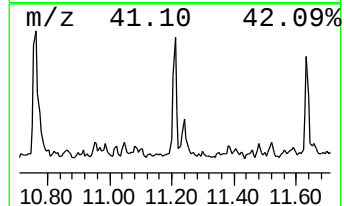
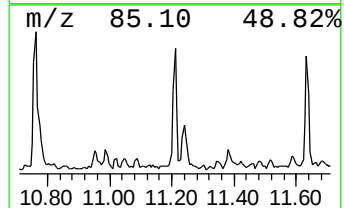
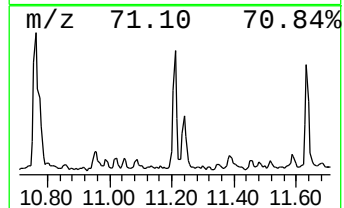
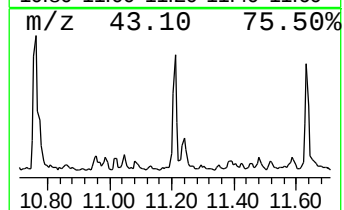
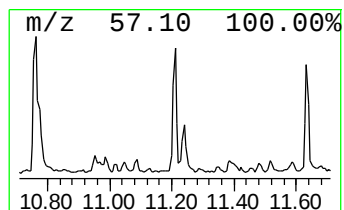
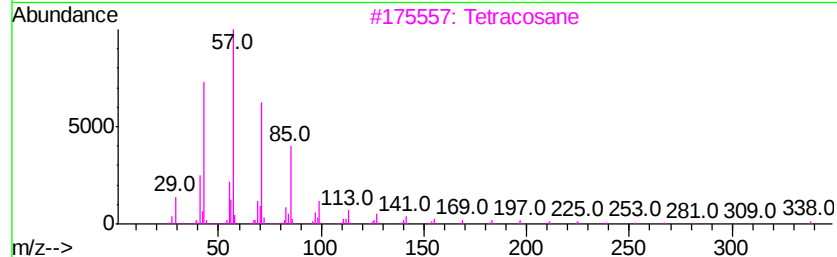
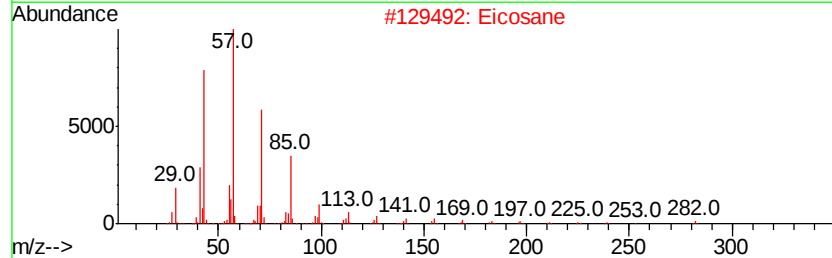
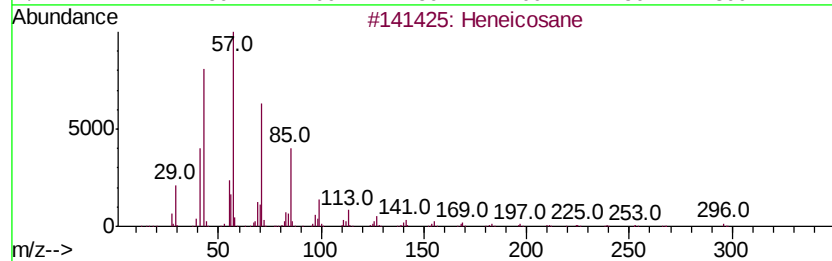
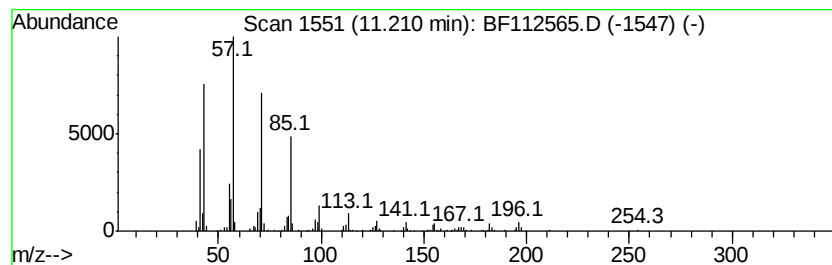
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	6.35 ng	217561	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Eicosane		282	C20H42	000112-95-8	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Tetradecane		198	C14H30	000629-59-4	87
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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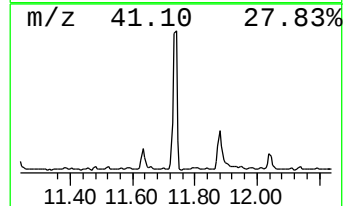
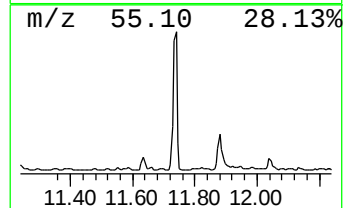
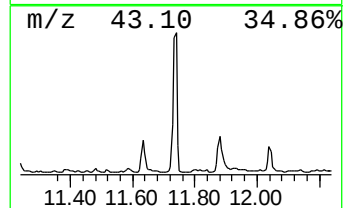
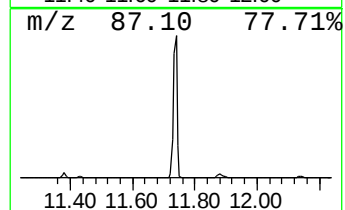
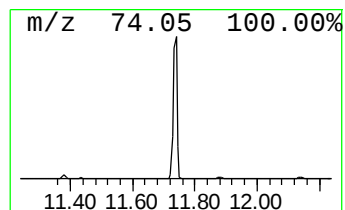
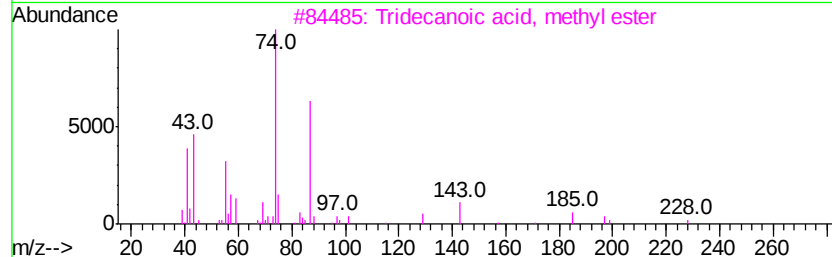
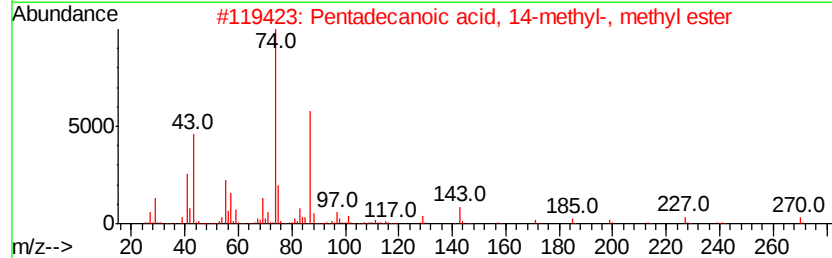
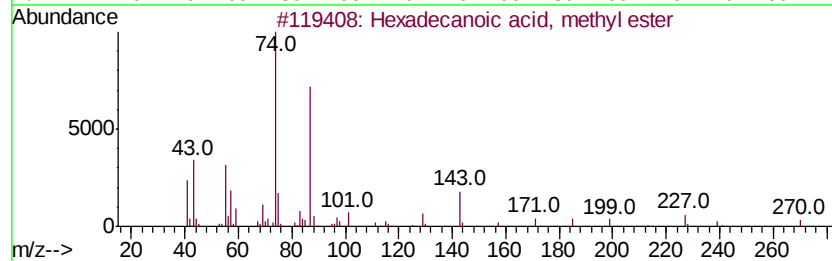
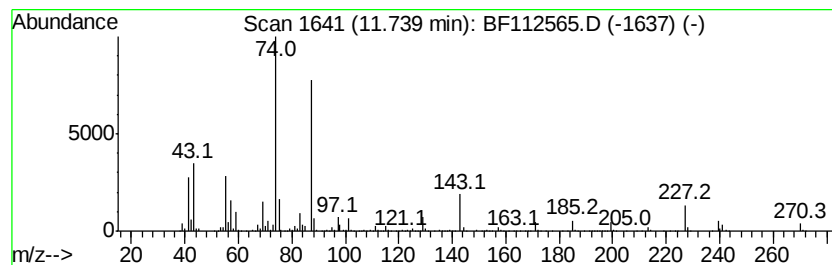
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	53.15 ng	1819960	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
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Instrument :
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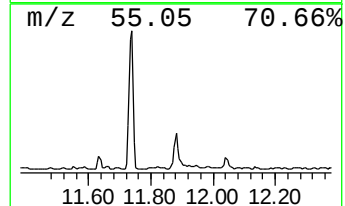
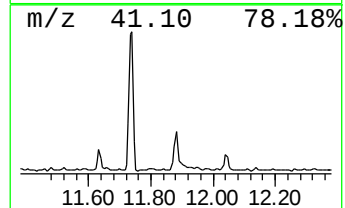
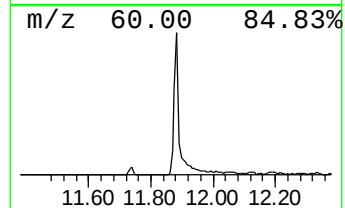
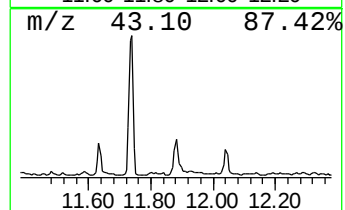
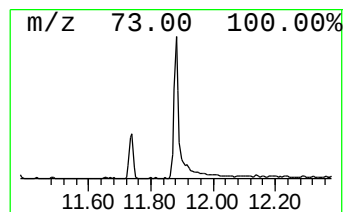
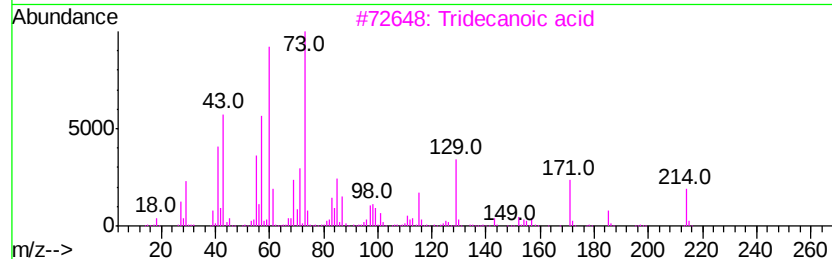
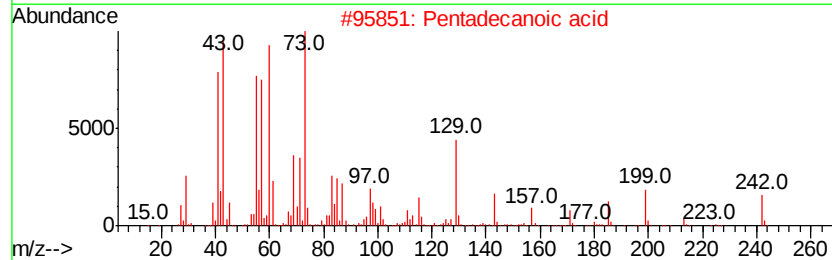
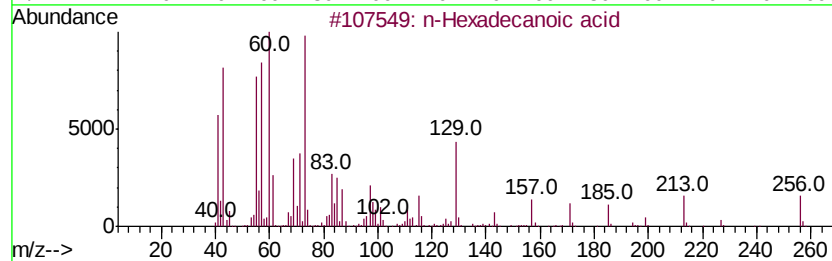
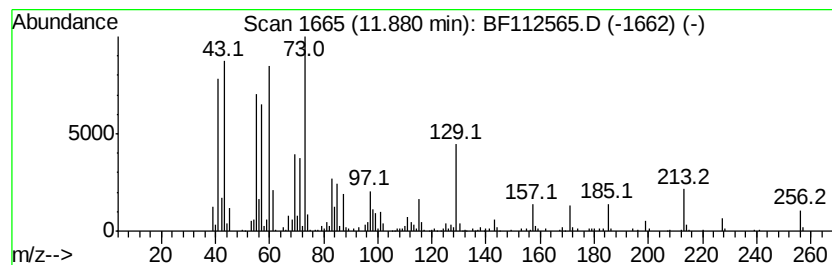
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	17.23 ng	590040	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-021319-A

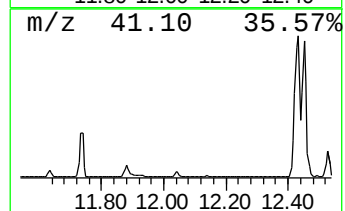
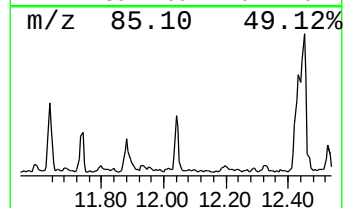
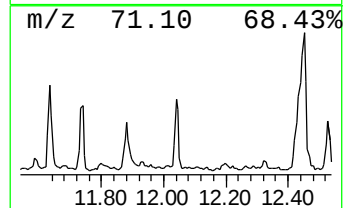
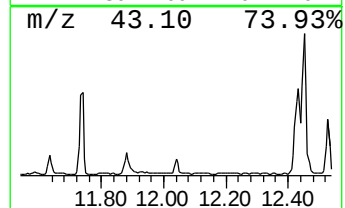
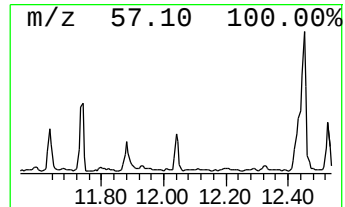
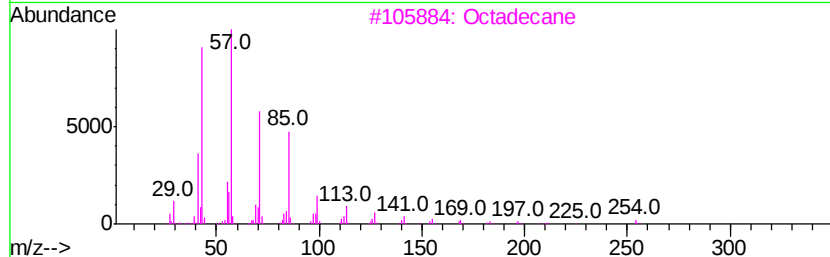
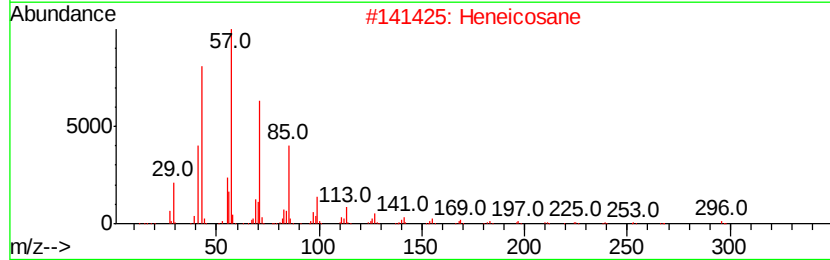
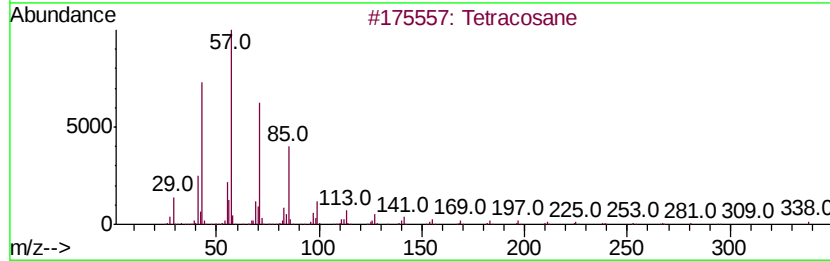
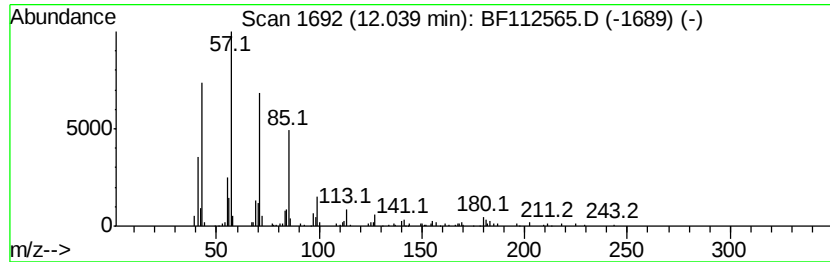
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.99 ng	170863	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tritetracontane	605	C43H88	007098-21-7	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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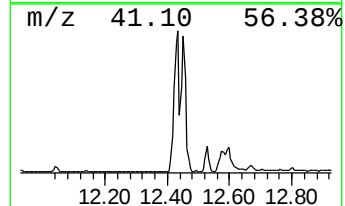
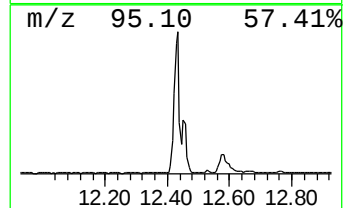
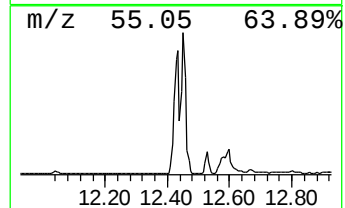
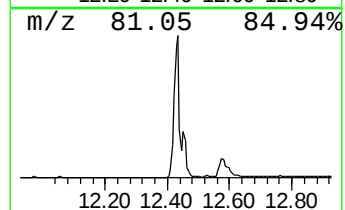
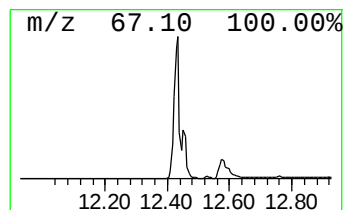
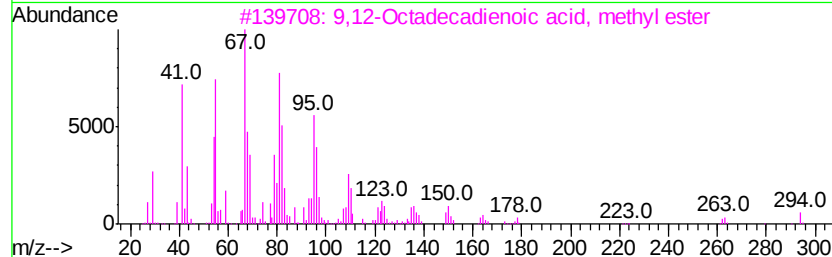
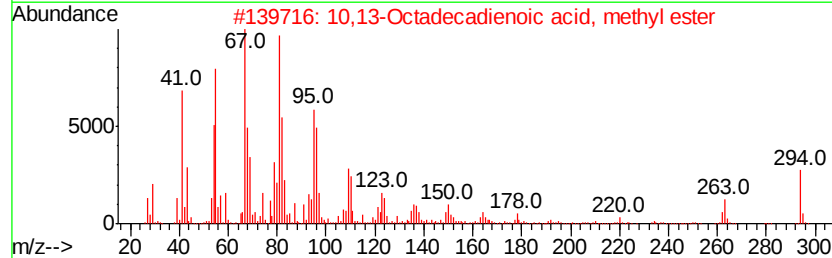
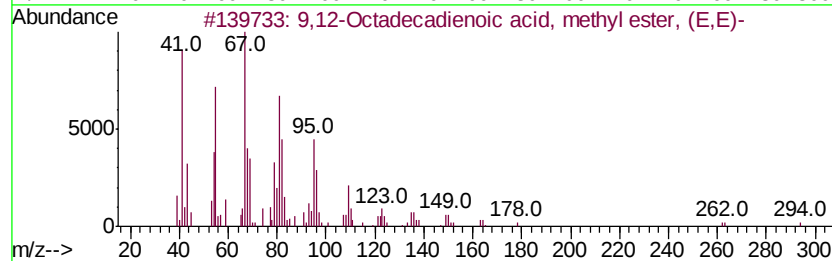
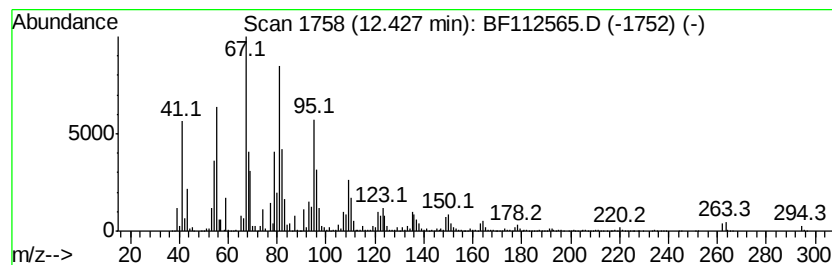
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	233.76 ng	8004190	Phenanthrene-d10	11.36

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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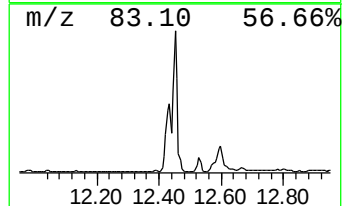
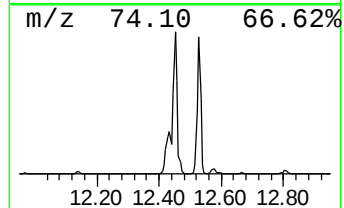
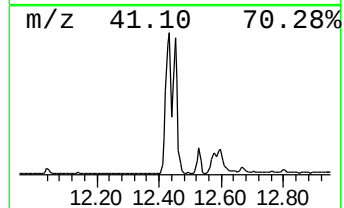
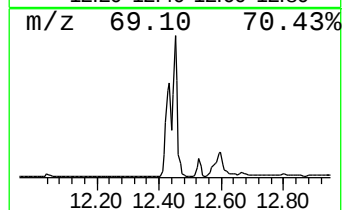
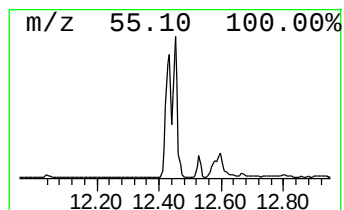
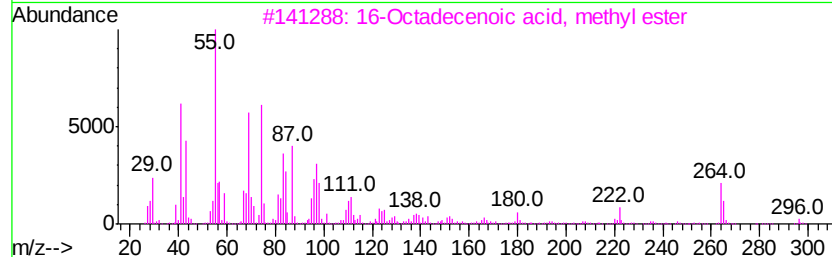
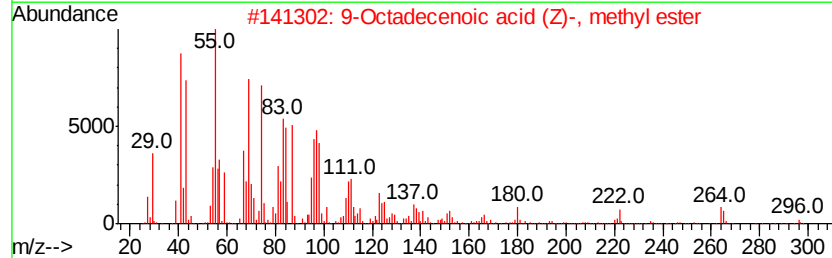
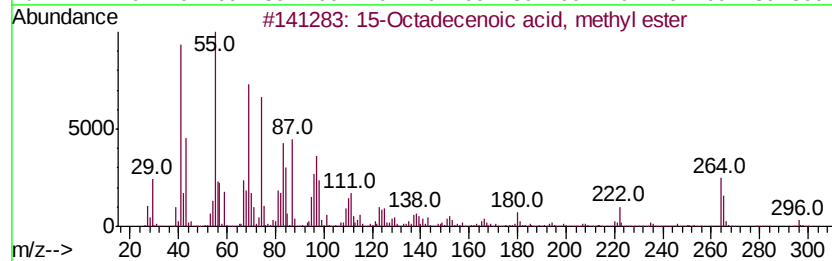
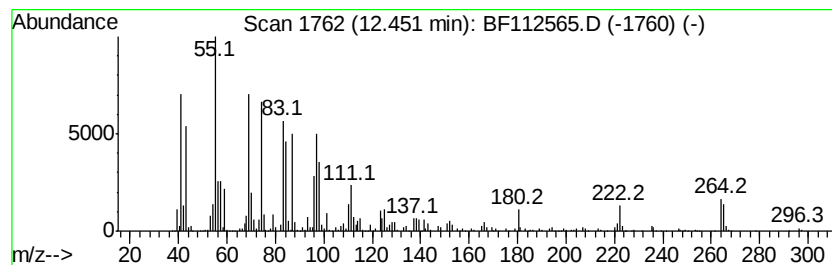
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	170.16 ng	5826520	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

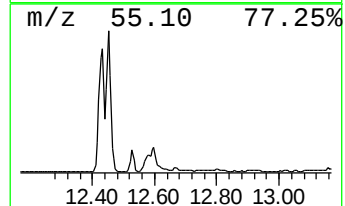
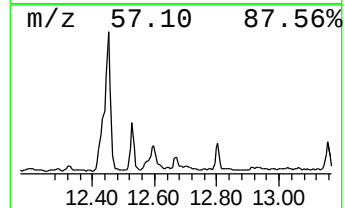
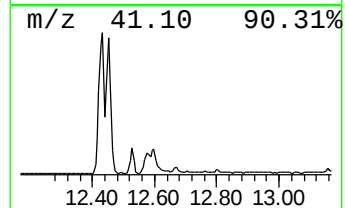
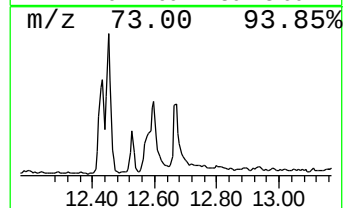
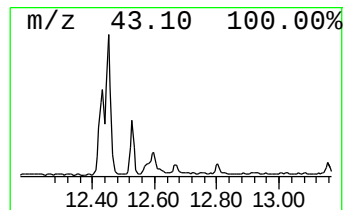
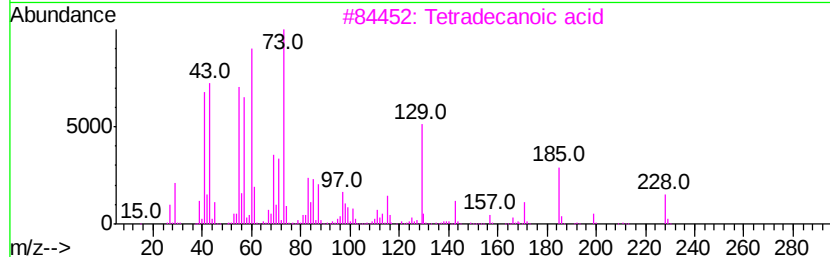
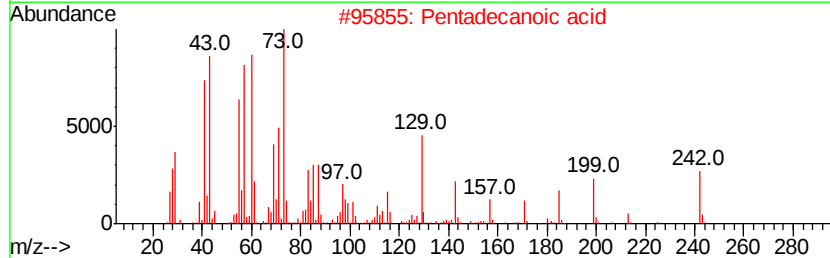
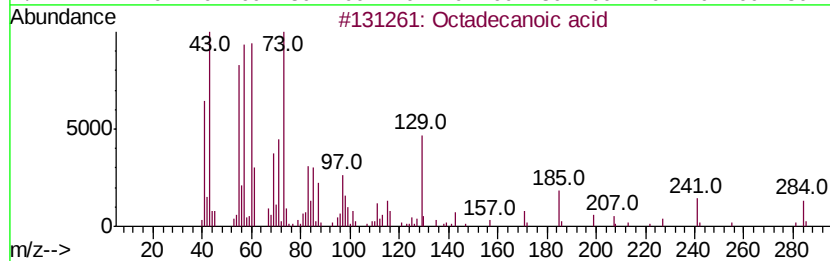
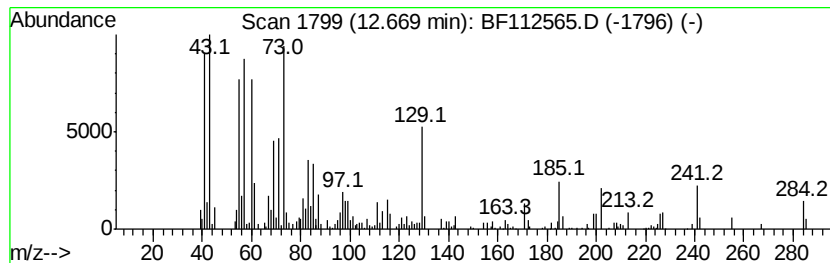
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.67	6.04 ng	206730	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-021319-A

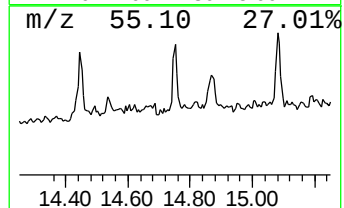
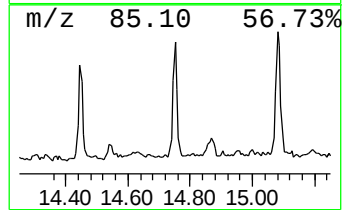
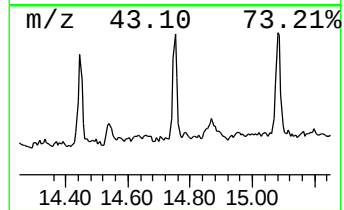
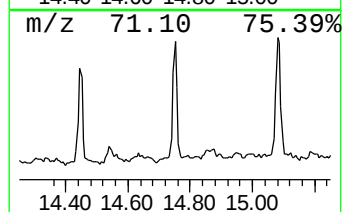
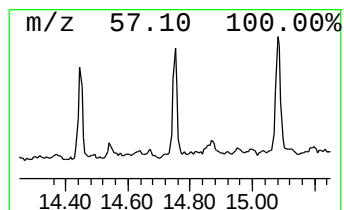
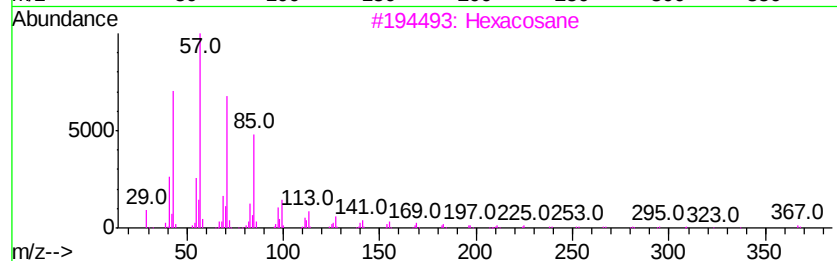
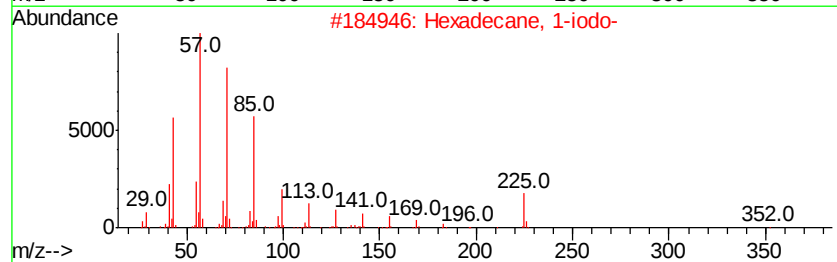
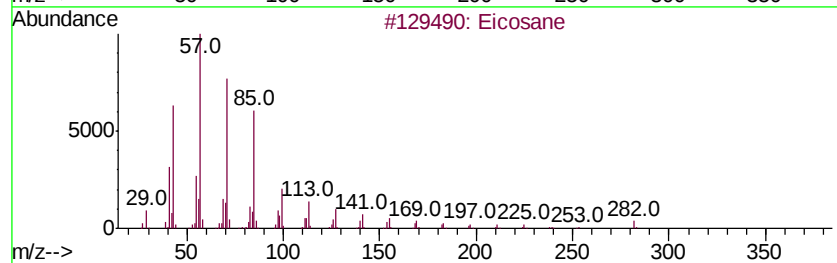
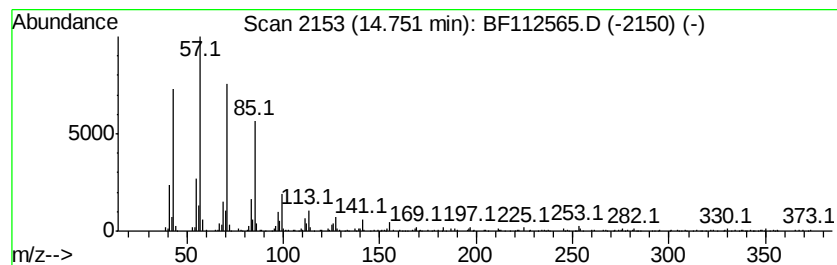
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	10.22 ng	233618	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3		Hexacosane	366	C26H54	000630-01-3	94
4		Tetracosane	338	C24H50	000646-31-1	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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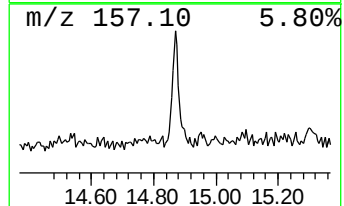
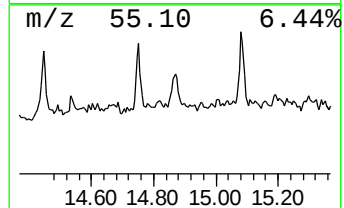
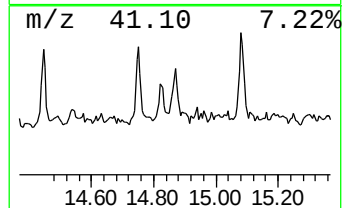
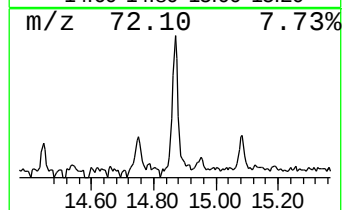
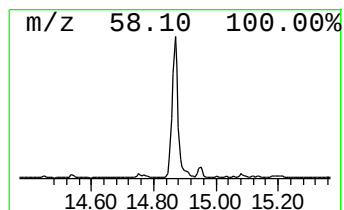
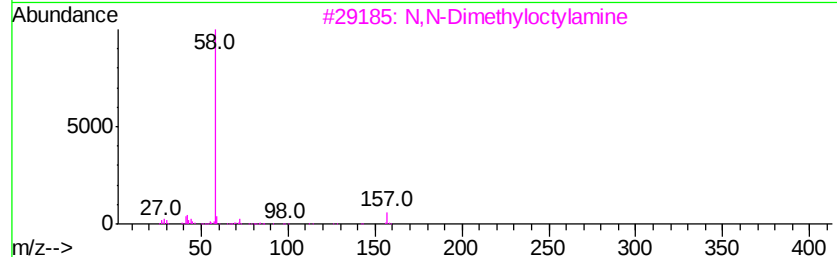
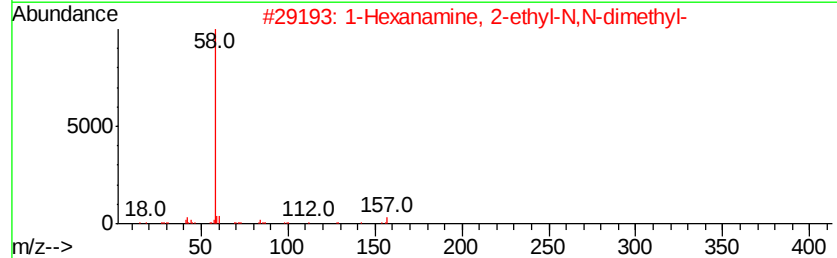
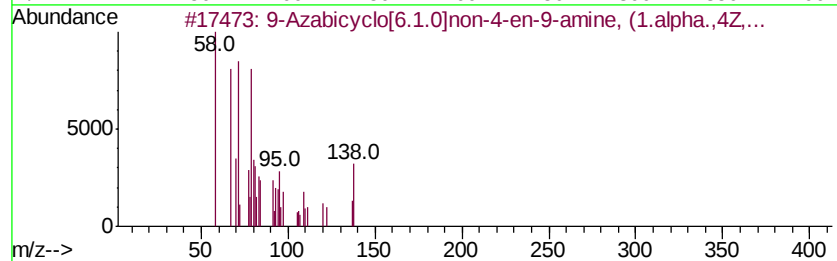
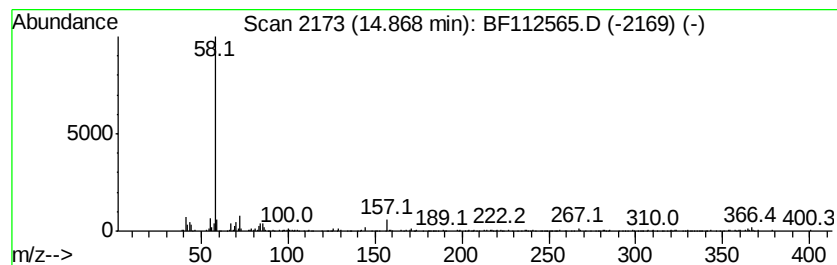
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	12.41 ng	283692	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	70
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
3		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	64
5		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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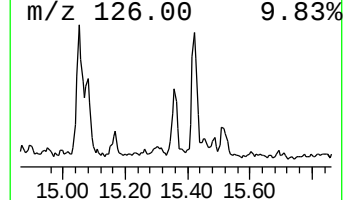
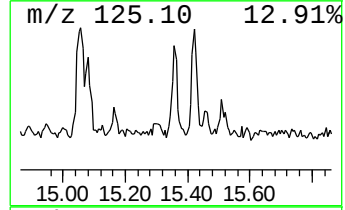
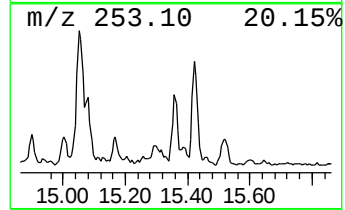
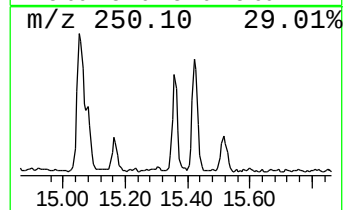
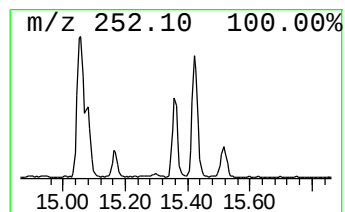
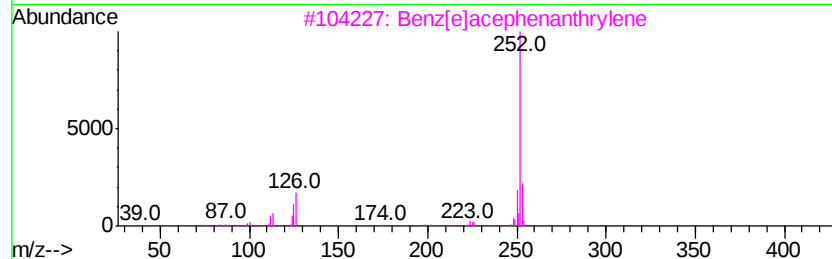
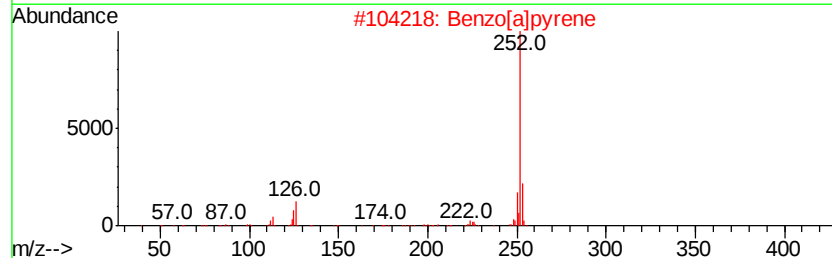
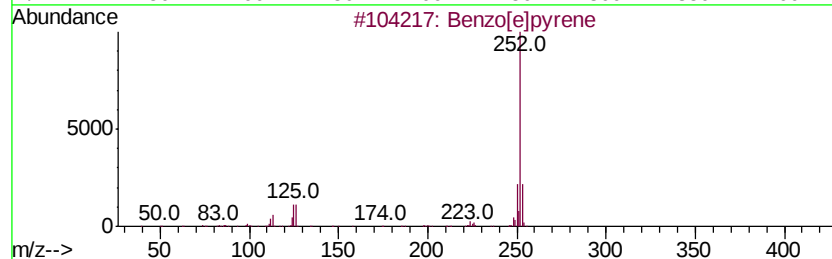
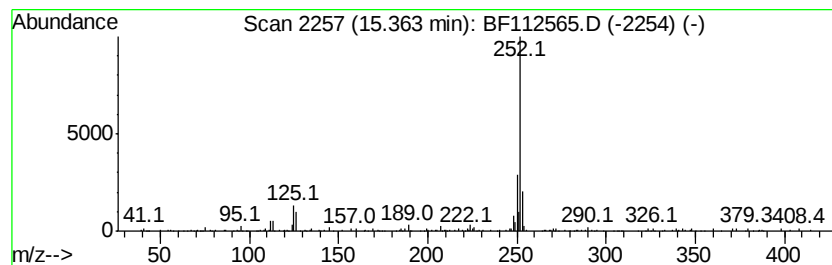
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.77 ng	131950	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112565.D
Acq On : 14 Feb 2019 14:04
Operator : JU/SJ
Sample : K1349-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-021319-A

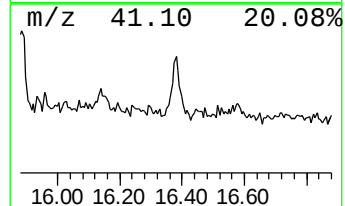
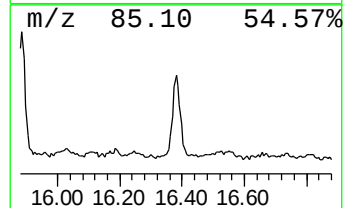
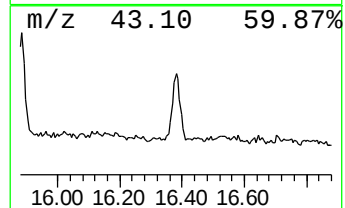
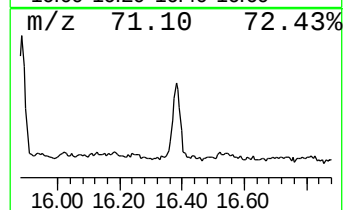
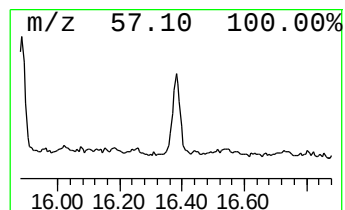
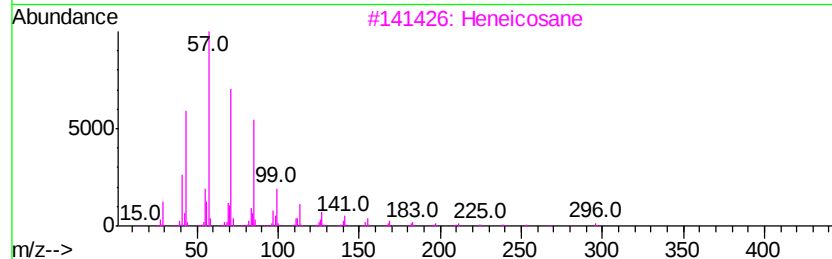
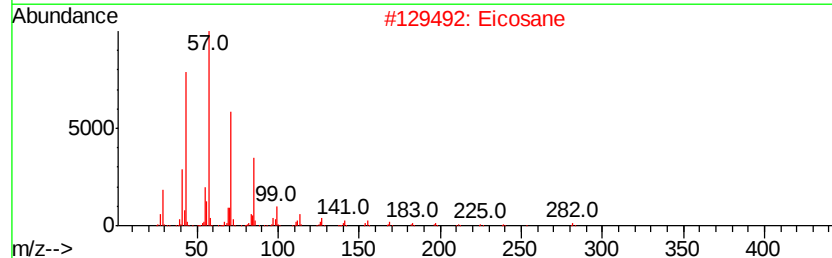
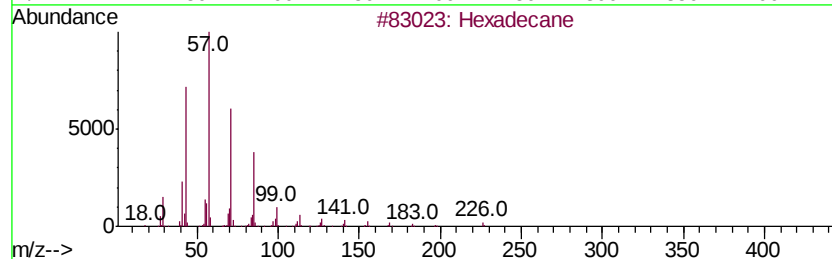
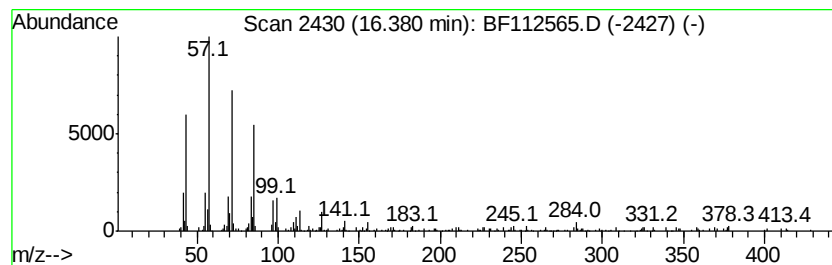
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	11.91 ng	272214	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021419\
 Data File : BF112565.D
 Acq On : 14 Feb 2019 14:04
 Operator : JU/SJ
 Sample : K1349-05 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
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Tridecane	8.70	8.7	ng	205847	2	8.11	472478	20.0
Tetradecane	9.26	7.3	ng	237458	3	9.86	649369	20.0
Pentadecane	9.79	6.8	ng	219481	3	9.86	649369	20.0
Dodecane	10.50	5.1	ng	165178	3	9.86	649369	20.0
Dodecane, 4-methyl-	10.76	10.2	ng	349672	4	11.36	684826	20.0
Heneicosane	11.21	6.3	ng	217561	4	11.36	684826	20.0
Hexadecanoic acid...	11.74	53.1	ng	1819960	4	11.36	684826	20.0
n-Hexadecanoic acid	11.88	17.2	ng	590040	4	11.36	684826	20.0
Tetracosane	12.04	5.0	ng	170863	4	11.36	684826	20.0
9,12-Octadecadien...	12.43	233.8	ng	8004190	4	11.36	684826	20.0
15-Octadecenoic a...	12.45	170.2	ng	5826520	4	11.36	684826	20.0
Octadecanoic acid	12.67	6.0	ng	206730	4	11.36	684826	20.0
Eicosane	14.75	10.2	ng	233618	6	15.49	457142	20.0
9-Azabicyclo[6.1....	14.87	12.4	ng	283692	6	15.49	457142	20.0
Benzo[e]pyrene	15.36	5.8	ng	131950	6	15.49	457142	20.0
Hexadecane	16.38	11.9	ng	272214	6	15.49	457142	20.0