

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
 Data File : BF102231.D
 Acq On : 19 Jan 2018 21:58
 Operator : SJ/JU
 Sample : J1018-08 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-011818-B

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	5.322	546	550	553	rVB	1934337	1714731	12.30%	2.796%
2	6.351	721	725	729	rBV	1856052	1809916	12.98%	2.951%
3	6.487	744	748	751	rVB	2130279	1825049	13.09%	2.976%
4	6.716	784	787	793	rVB	1127966	938709	6.73%	1.531%
5	6.875	809	814	817	rBV	1481081	1360935	9.76%	2.219%
6	7.281	880	883	886	rBV	1288608	1070215	7.68%	1.745%
7	7.998	1000	1005	1008	rBV	1366126	1416815	10.16%	2.310%
8	8.592	1103	1106	1109	rBV	339708	259323	1.86%	0.423%
9	8.810	1140	1143	1148	rBV2	201500	206932	1.48%	0.337%
10	9.075	1184	1188	1191	rBV	2111383	1745697	12.52%	2.846%
11	9.157	1197	1202	1205	rBV	430734	386436	2.77%	0.630%
12	9.345	1227	1234	1237	rBV3	151323	206463	1.48%	0.337%
13	9.410	1242	1245	1248	rVV	231684	252482	1.81%	0.412%
14	9.475	1252	1256	1258	rVV2	459417	478908	3.43%	0.781%
15	9.616	1276	1280	1284	rBV	194310	195717	1.40%	0.319%
16	9.686	1289	1292	1296	rVB	477048	340739	2.44%	0.556%
17	9.757	1296	1304	1307	rBV	1344048	1356410	9.73%	2.212%
18	9.786	1307	1309	1312	rVB	184829	143418	1.03%	0.234%
19	9.957	1334	1338	1342	rVV2	151005	202634	1.45%	0.330%
20	9.998	1342	1345	1351	rVV3	95651	148804	1.07%	0.243%
21	10.186	1374	1377	1379	rVB	434016	355147	2.55%	0.579%
22	10.298	1393	1396	1402	rVB	253280	280573	2.01%	0.457%
23	10.404	1409	1414	1420	rVB	164546	242927	1.74%	0.396%
24	10.539	1431	1437	1441	rBV	1233249	1104082	7.92%	1.800%
25	10.657	1454	1457	1462	rBV	455610	528531	3.79%	0.862%
26	11.104	1530	1533	1536	rBV	313210	246659	1.77%	0.402%
27	11.133	1536	1538	1544	rVB	242276	235443	1.69%	0.384%
28	11.239	1552	1556	1558	rBV	1205613	1123005	8.05%	1.831%
29	11.263	1558	1560	1563	rVV	1189689	884310	6.34%	1.442%
30	11.310	1566	1568	1571	rVB	306588	240675	1.73%	0.392%
31	11.533	1603	1606	1608	rVV	270253	208659	1.50%	0.340%
32	11.563	1608	1611	1619	rVB2	130297	168365	1.21%	0.275%
33	11.639	1619	1624	1627	rBV	5140611	5105059	36.61%	8.324%
34	11.739	1638	1641	1643	rBV	302586	257804	1.85%	0.420%

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35	11.769	1643	1646	1649	rVB	349418	313653	2.25%	0.511%
36	11.845	1656	1659	1662	rVV2	361228	383677	2.75%	0.626%
37	11.869	1662	1663	1668	rVB	219717	179093	1.28%	0.292%
38	11.939	1672	1675	1679	rBV	195591	217326	1.56%	0.354%
39	12.033	1688	1691	1694	rBV	183352	194226	1.39%	0.317%
40	12.286	1731	1734	1736	rBV	280613	264488	1.90%	0.431%
41	12.339	1736	1743	1745	rVV	7006602	13942845	100.00%	22.734%
42	12.363	1745	1747	1752	rVV2	6924288	7104319	50.95%	11.584%
43	12.427	1755	1758	1760	rVV	2535791	2357467	16.91%	3.844%
44	12.451	1760	1762	1767	rVB	1139051	941352	6.75%	1.535%
45	12.680	1795	1801	1803	rBV	1159700	1160163	8.32%	1.892%
46	12.698	1803	1804	1808	rVV2	203462	210386	1.51%	0.343%
47	12.827	1822	1826	1833	rVB	1176654	1227844	8.81%	2.002%
48	12.904	1835	1839	1842	rBV2	101834	164283	1.18%	0.268%
49	13.010	1854	1857	1860	rVV	215920	220052	1.58%	0.359%
50	13.057	1862	1865	1866	rVV	156270	161687	1.16%	0.264%
51	13.074	1866	1868	1871	rVV	274706	219597	1.57%	0.358%
52	13.110	1871	1874	1877	rVB2	178236	155543	1.12%	0.254%
53	13.151	1878	1881	1883	rVV	216260	172521	1.24%	0.281%
54	13.721	1975	1978	1981	rVB	200292	207580	1.49%	0.338%
55	13.816	1992	1994	1997	rBV	194337	159149	1.14%	0.259%
56	13.874	1999	2004	2006	rVV2	975321	1299150	9.32%	2.118%
57	13.898	2006	2008	2014	rVB	468571	448507	3.22%	0.731%
58	14.757	2150	2154	2160	rVB	322950	446444	3.20%	0.728%
59	14.892	2173	2177	2184	rBV	388753	699929	5.02%	1.141%
60	15.180	2223	2226	2231	rVB	253983	296217	2.12%	0.483%
61	15.239	2232	2236	2241	rBV	391658	476712	3.42%	0.777%
62	15.298	2243	2246	2249	rBV	566448	664479	4.77%	1.083%

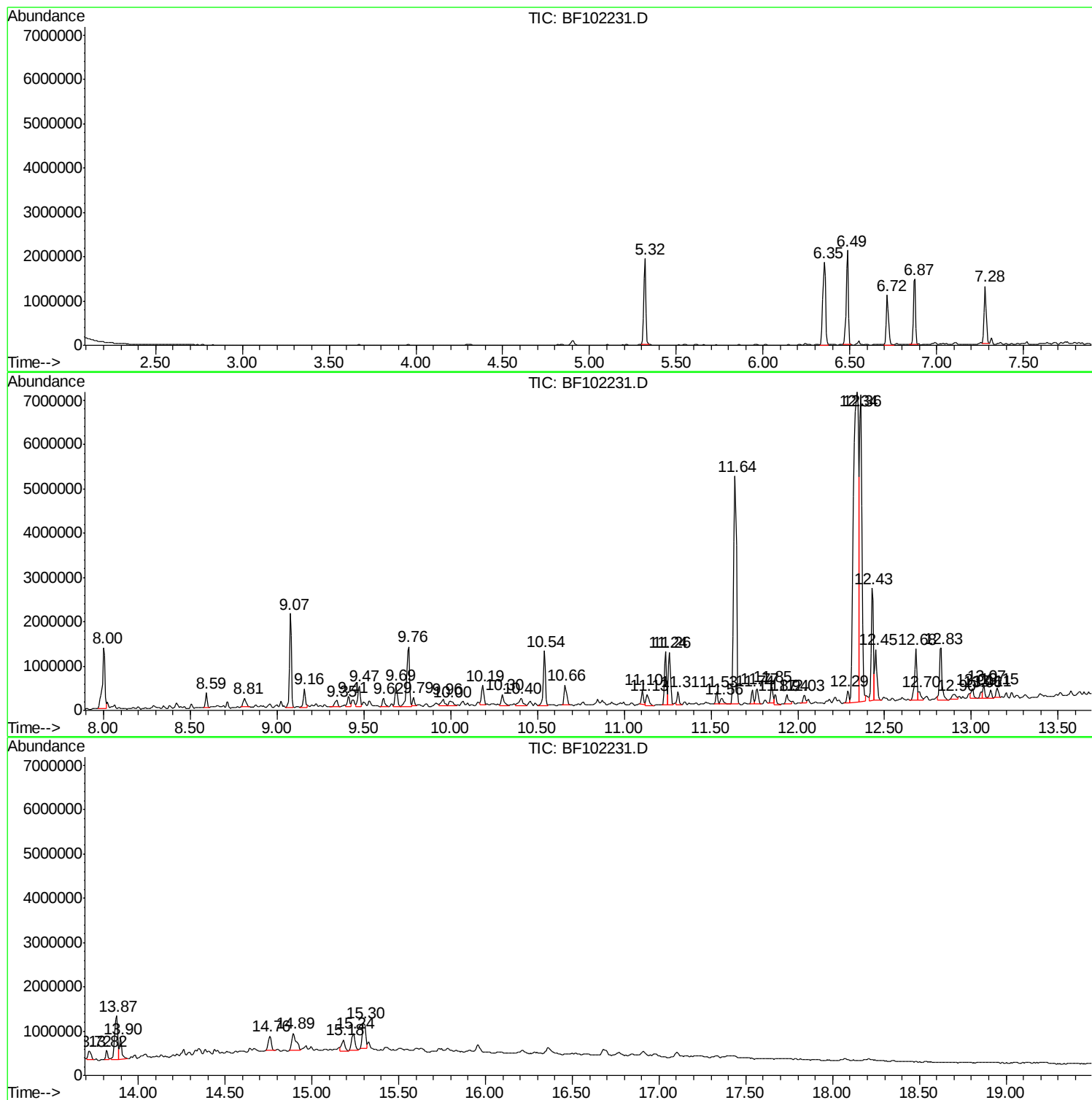
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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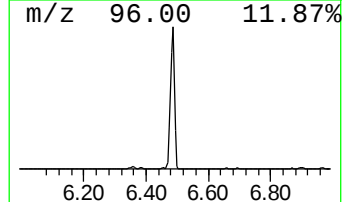
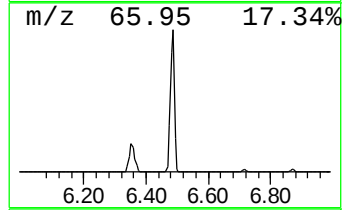
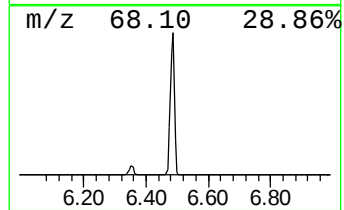
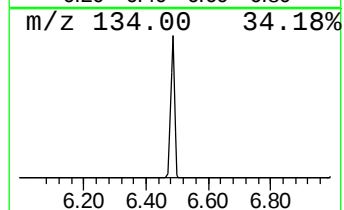
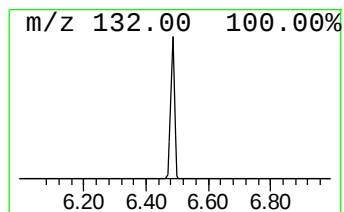
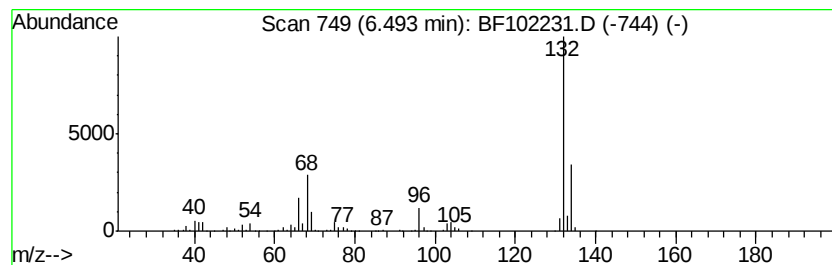
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	38.88 ng	1825050	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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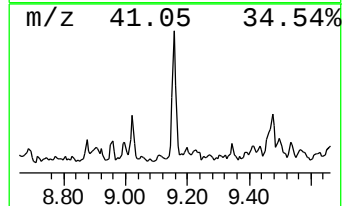
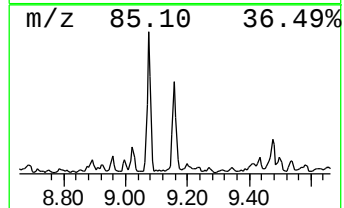
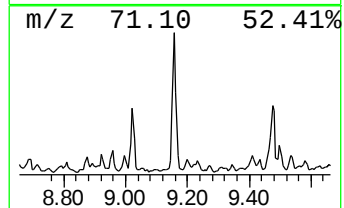
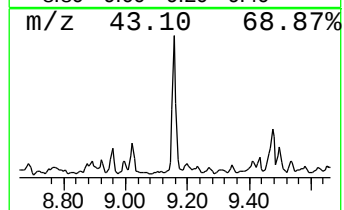
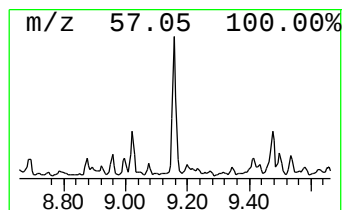
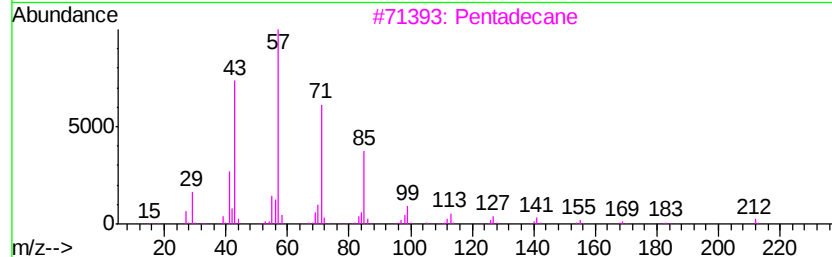
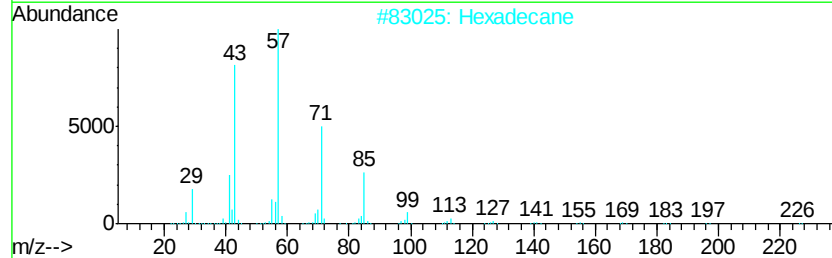
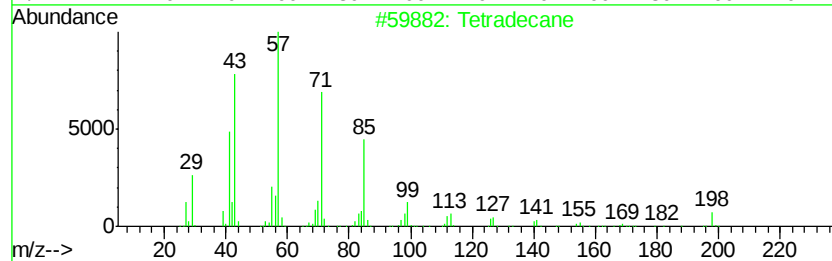
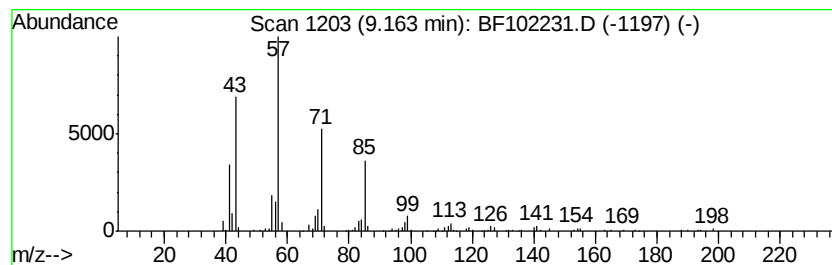
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	5.70 ng	386436	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5		Tridecane	184	C13H28	000629-50-5	80



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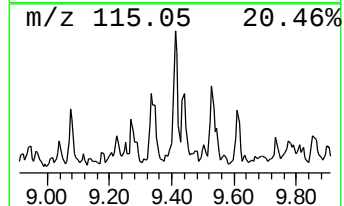
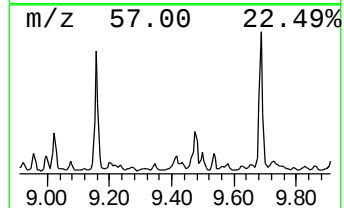
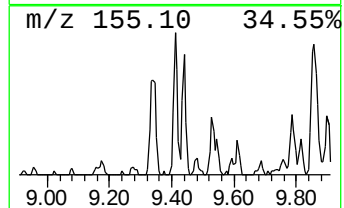
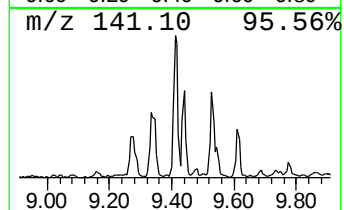
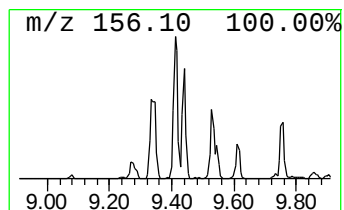
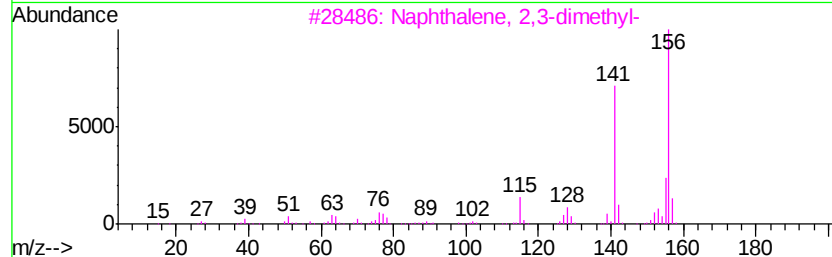
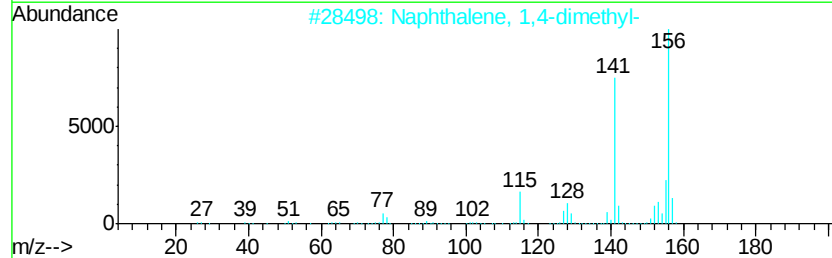
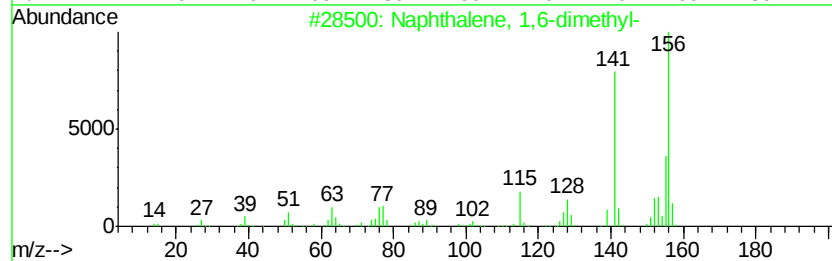
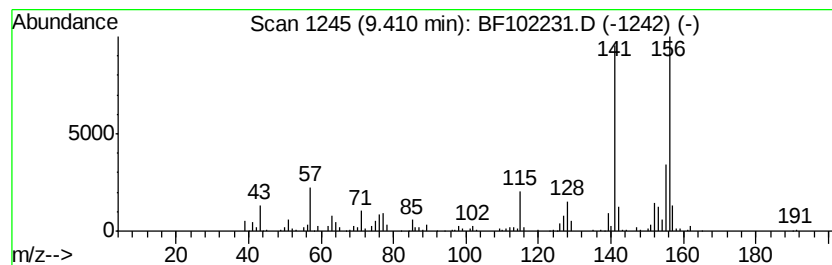
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.72 ng	252482	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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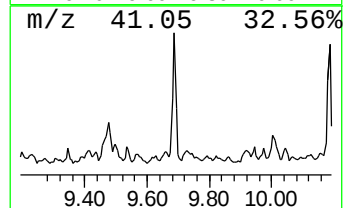
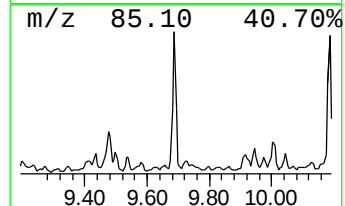
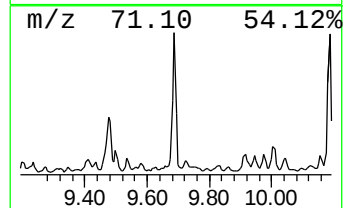
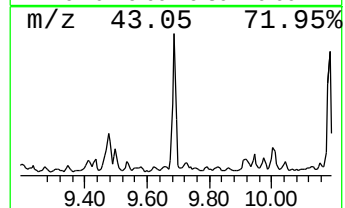
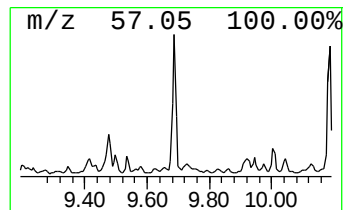
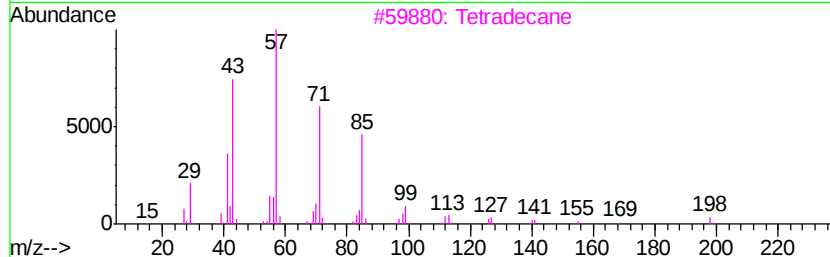
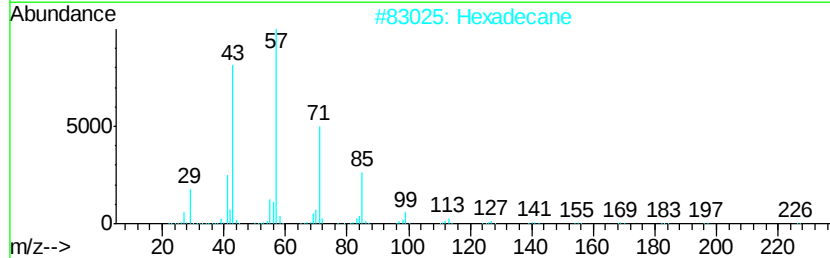
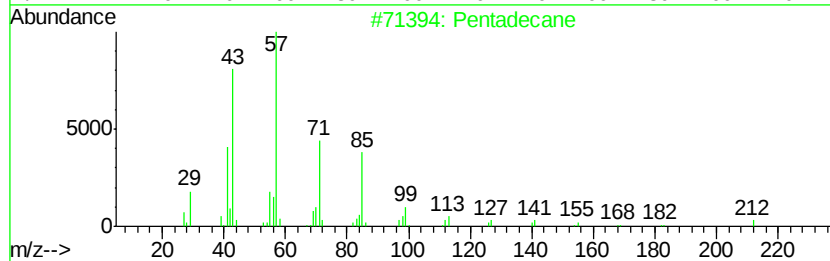
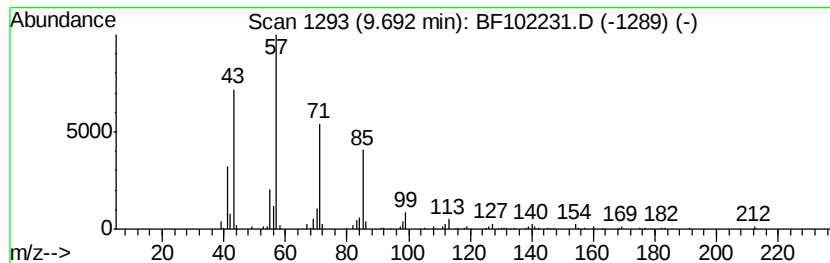
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	5.02 ng	340739	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane	184	C13H28	000629-50-5	83



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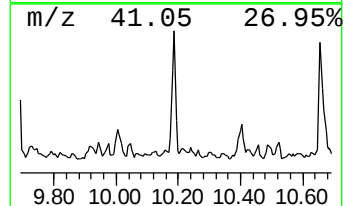
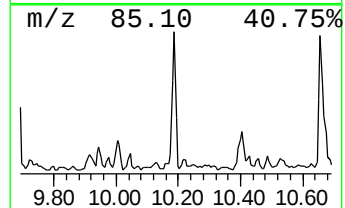
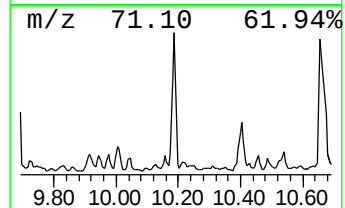
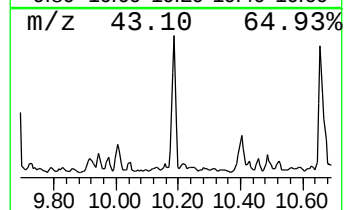
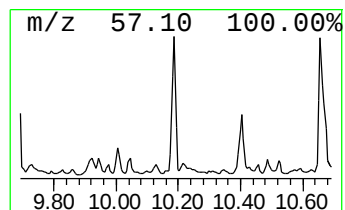
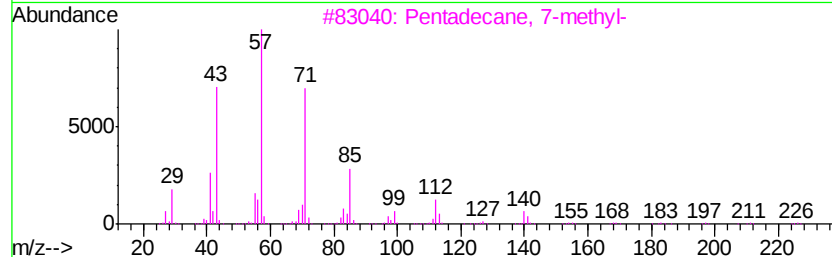
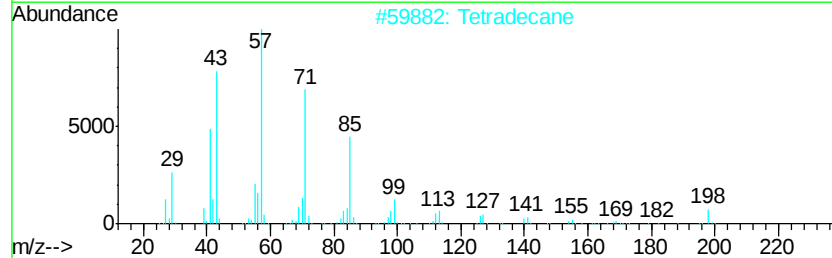
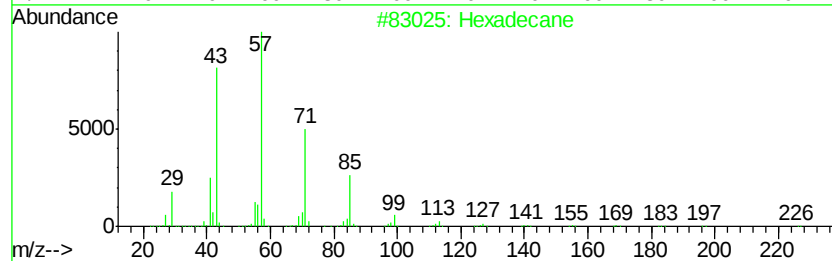
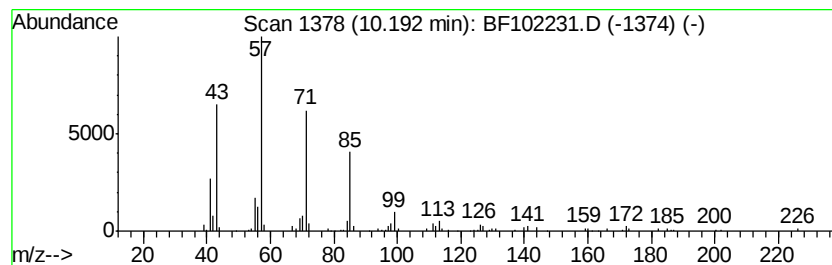
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ClientSampleId :
OR-02-011818-B

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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 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.19	5.24 ng	355147	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

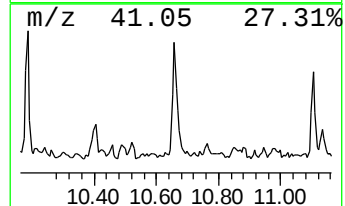
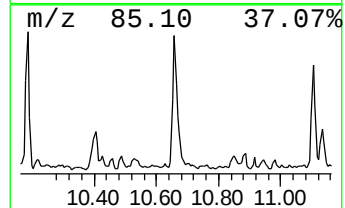
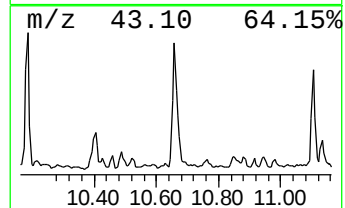
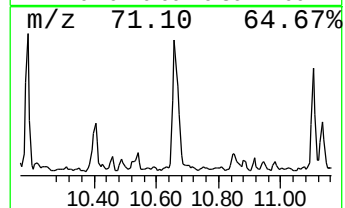
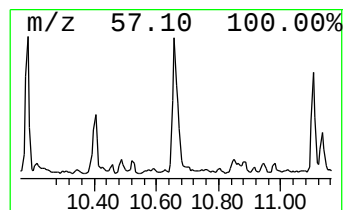
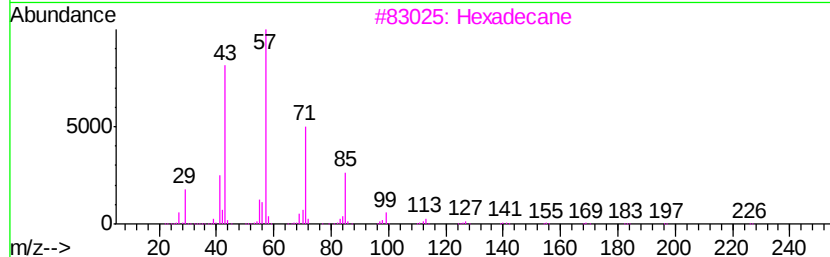
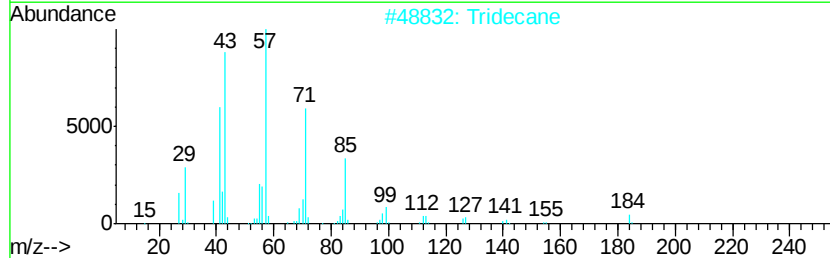
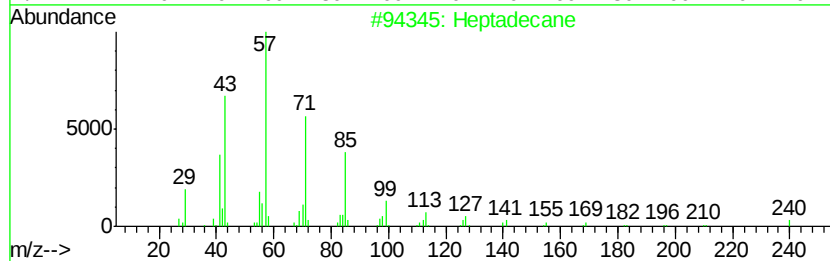
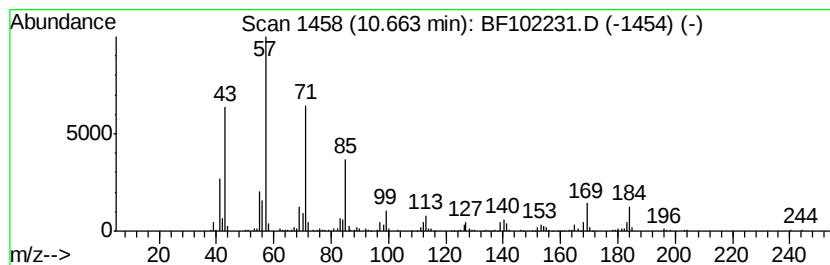
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	9.41 ng	528531	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tridecane	184	C13H28	000629-50-5	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
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Misc :
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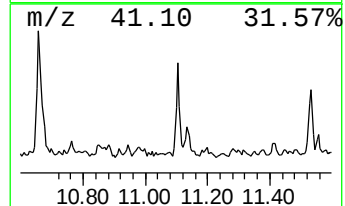
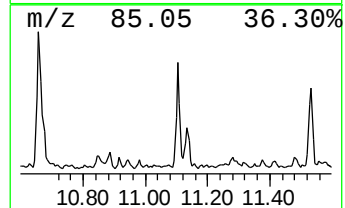
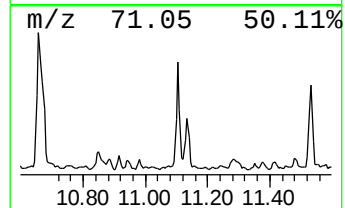
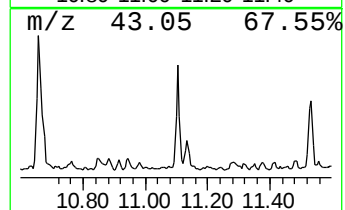
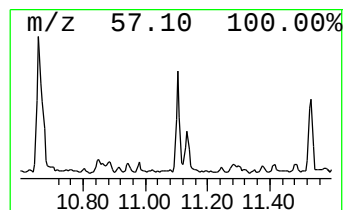
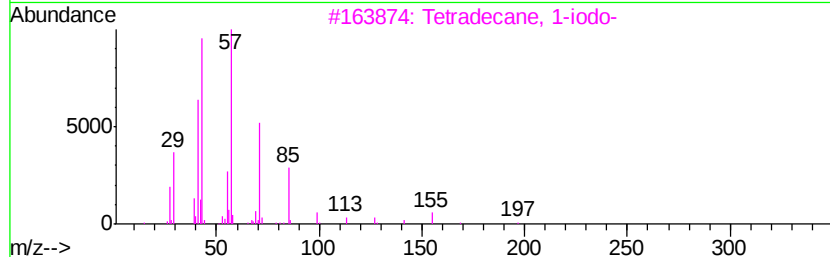
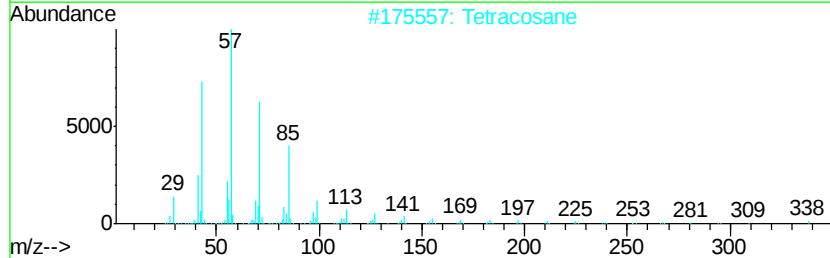
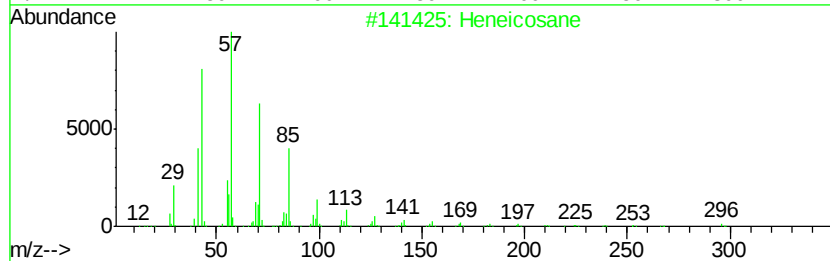
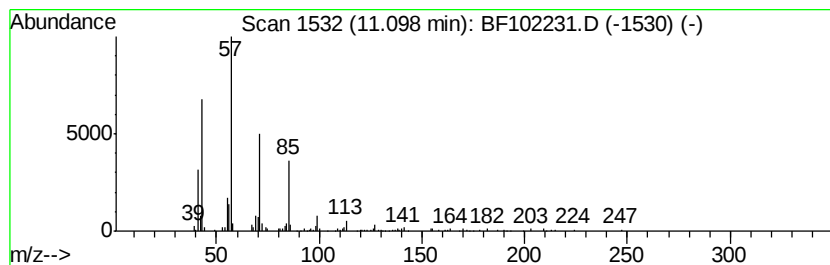
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.10	4.39 ng	246659	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
4		Tetradecane	198	C14H30	000629-59-4	80
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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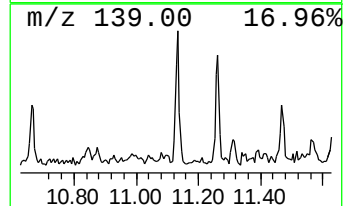
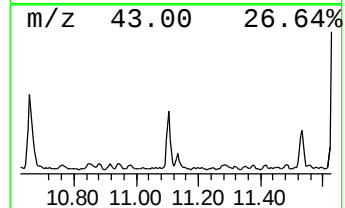
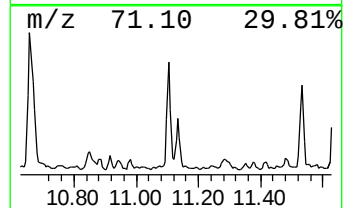
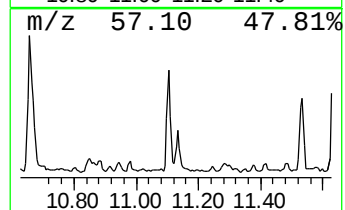
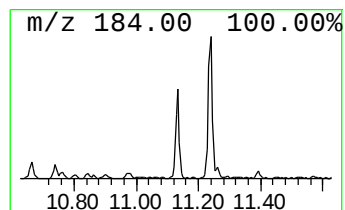
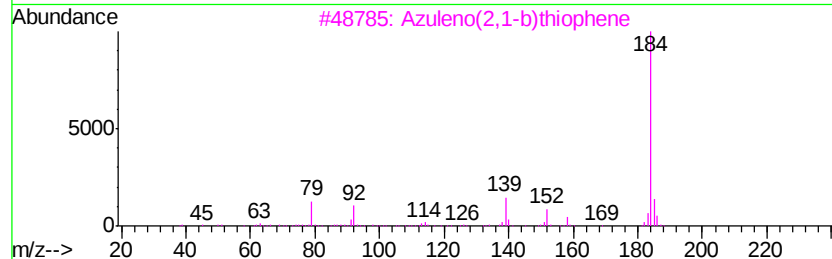
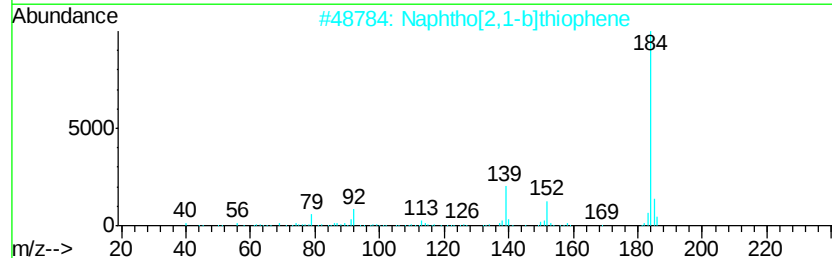
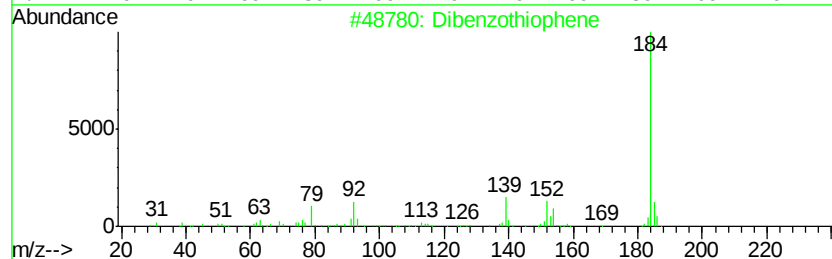
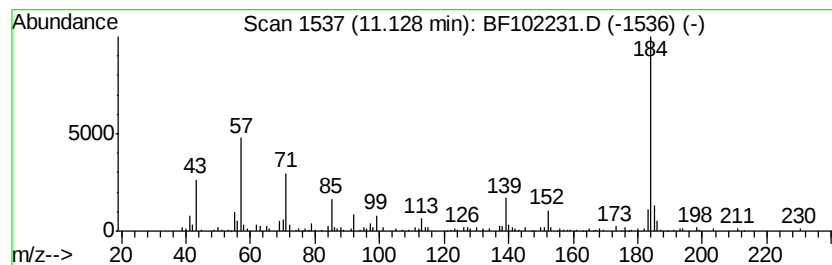
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.19 ng	235443	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	60
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55
5		4-Methyl-2-oxo-1,2-dihydro-3-qui...	184	C11H8N2O	028448-12-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
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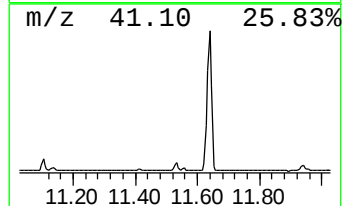
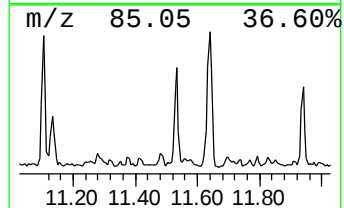
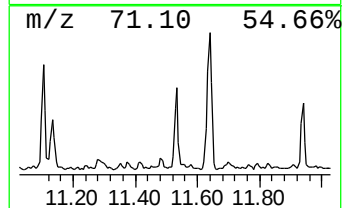
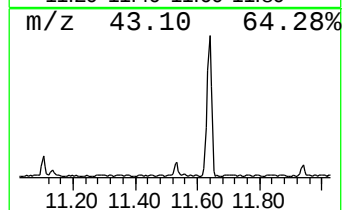
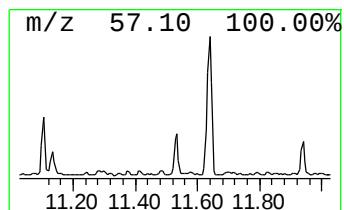
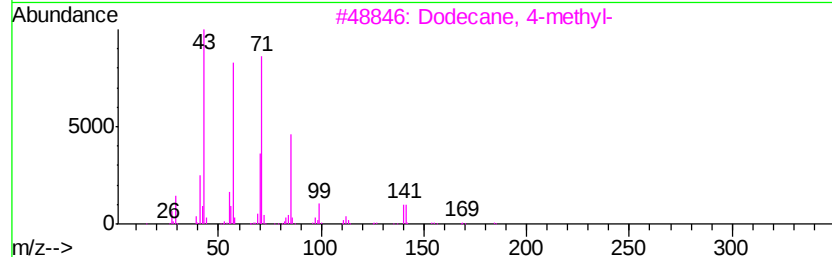
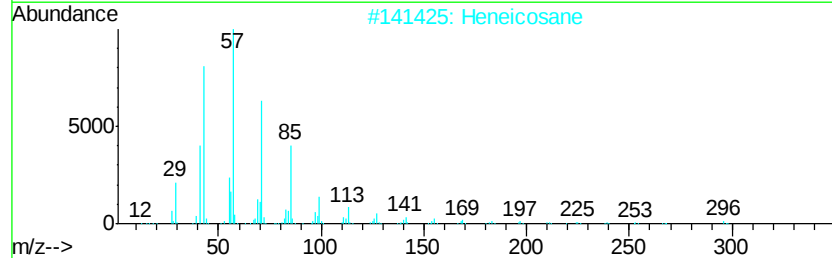
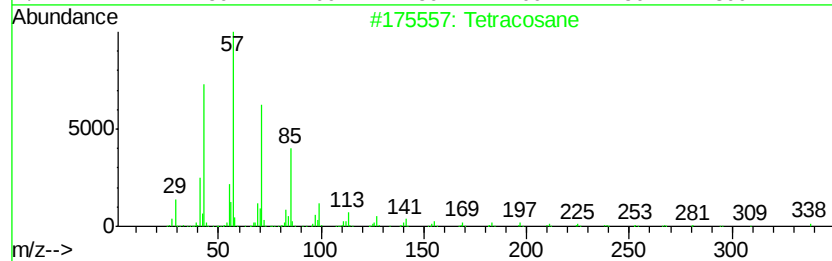
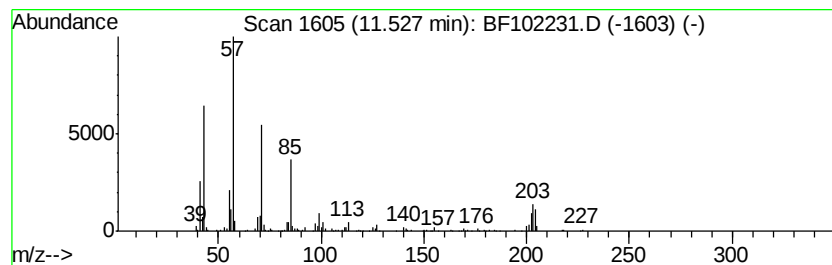
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.72 ng	208659	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	62
2		Heneicosane	296	C21H44	000629-94-7	62
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102231.D
 Acq On : 19 Jan 2018 21:58
 Operator : SJ/JU
 Sample : J1018-08 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 OR-02-011818-B

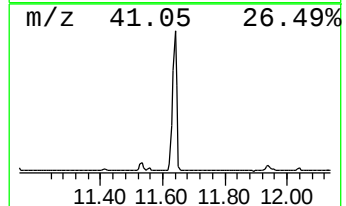
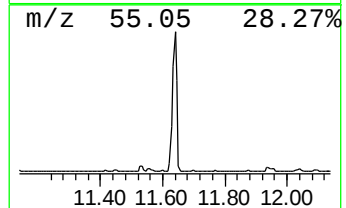
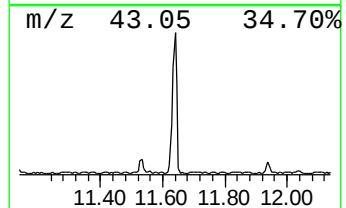
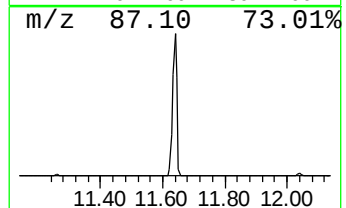
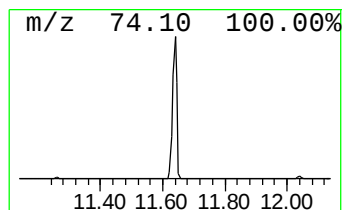
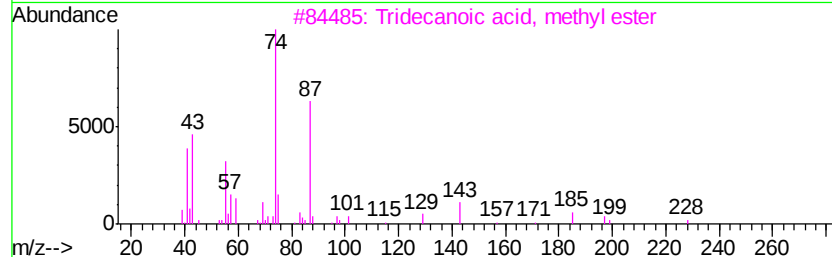
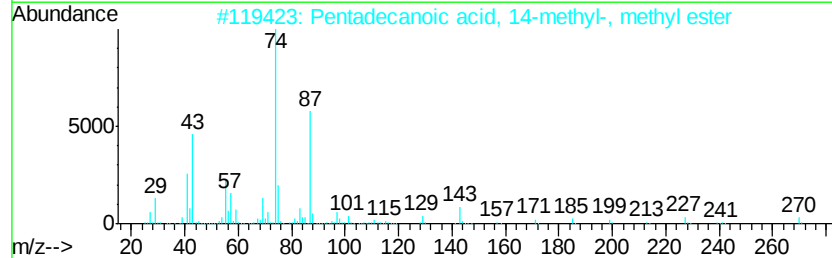
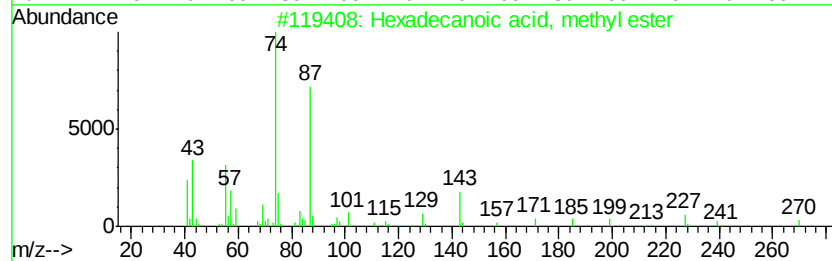
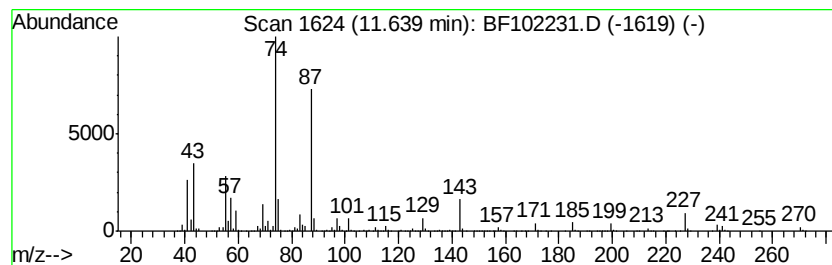
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	90.92 ng	5105060	Phenanthrene-d10	11.24

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	87
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
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ALS Vial : 7 Sample Multiplier: 1

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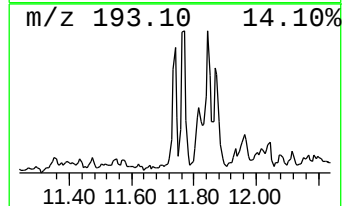
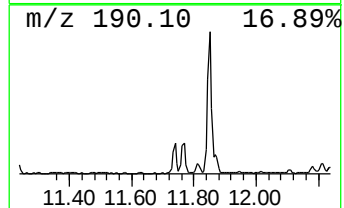
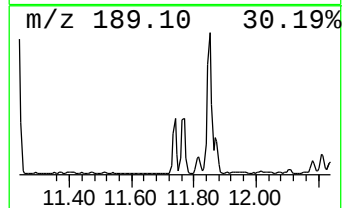
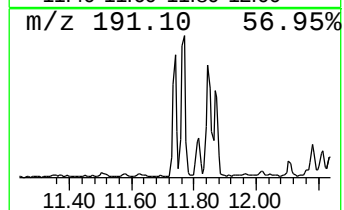
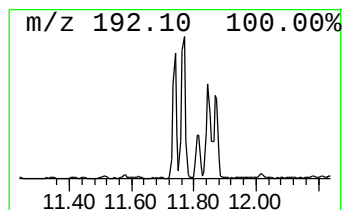
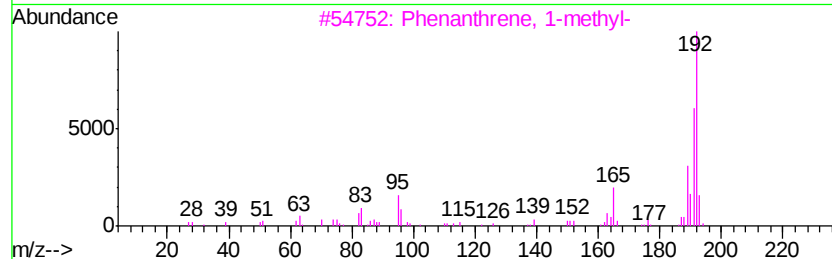
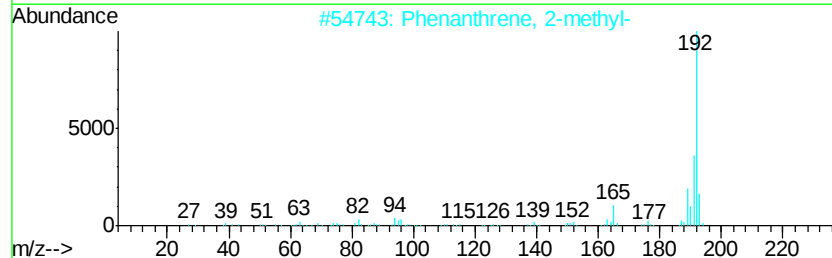
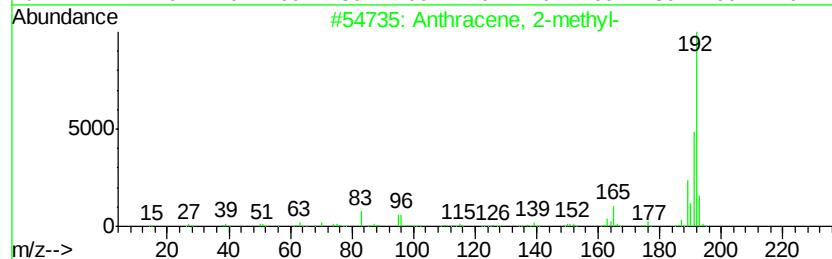
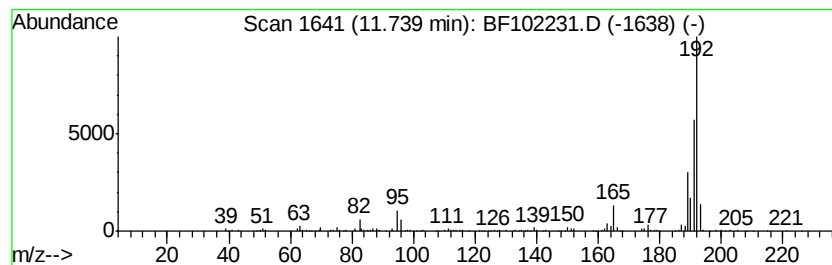
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.59 ng	257804	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-011818-B

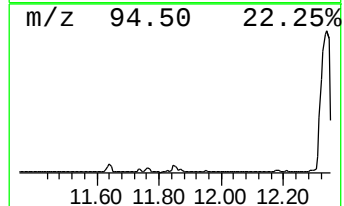
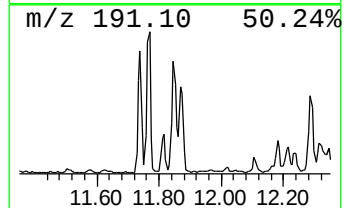
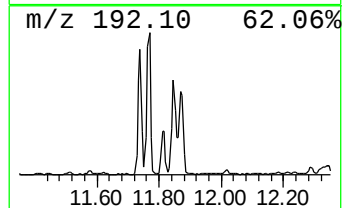
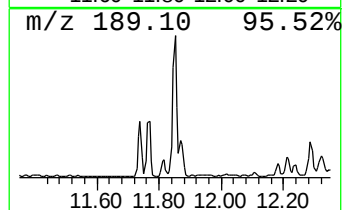
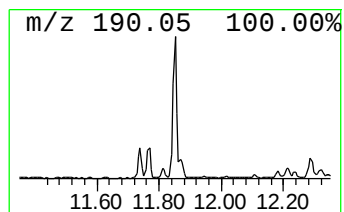
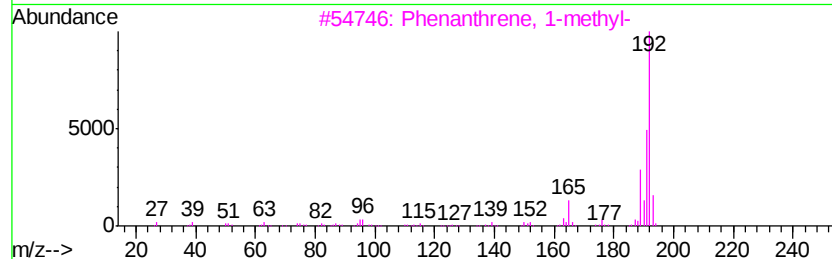
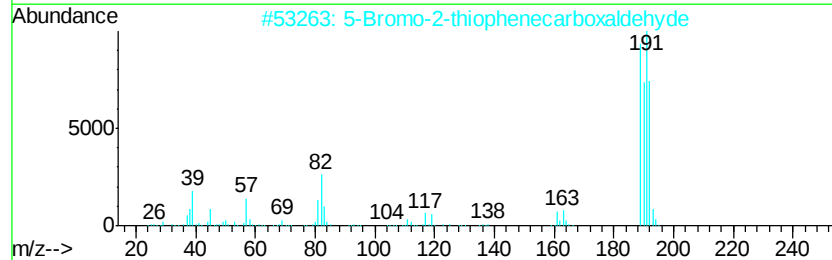
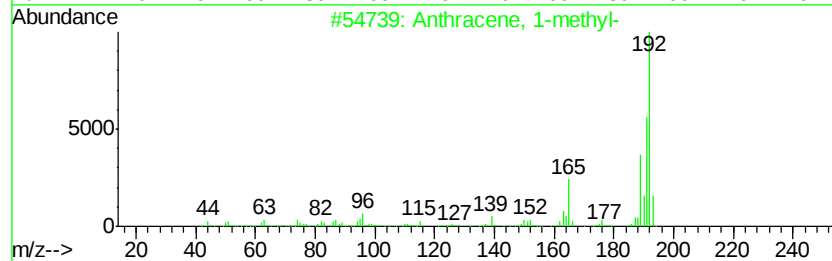
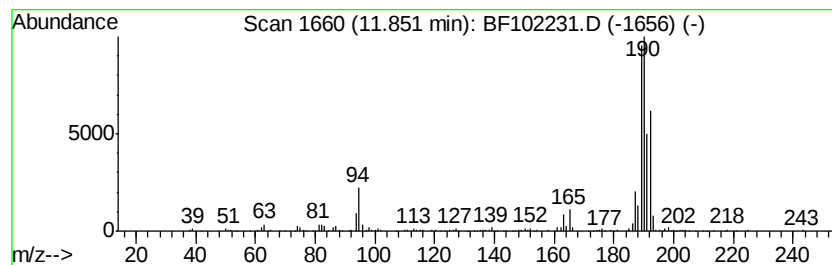
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.83 ng	383677	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
2			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	50
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-011818-B

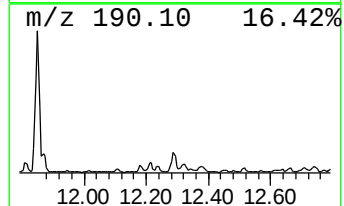
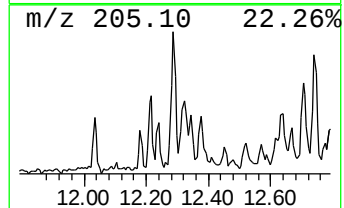
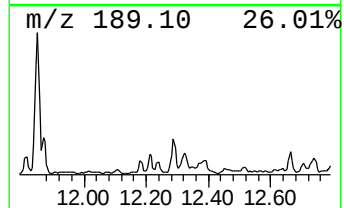
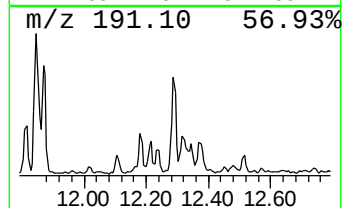
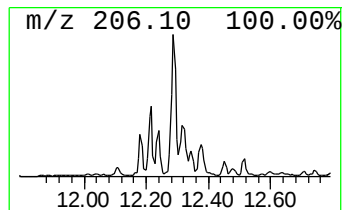
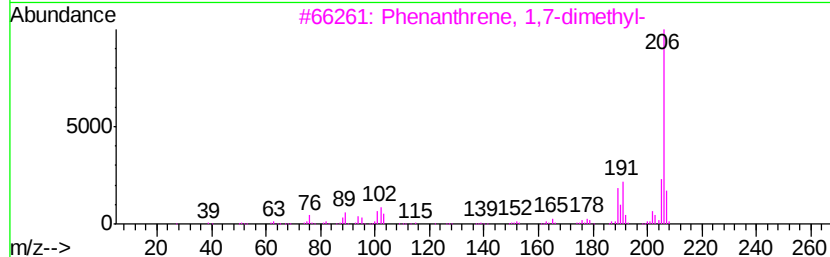
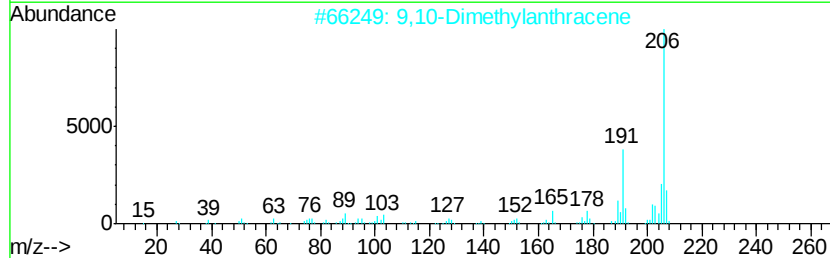
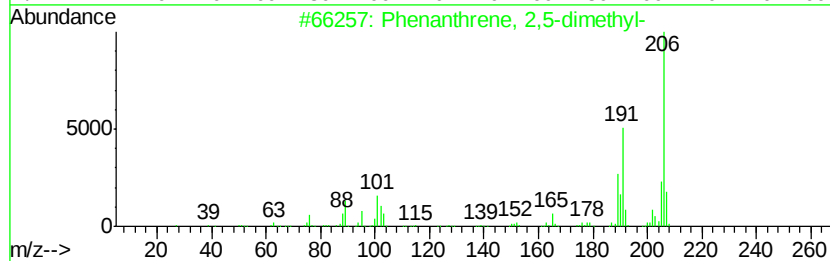
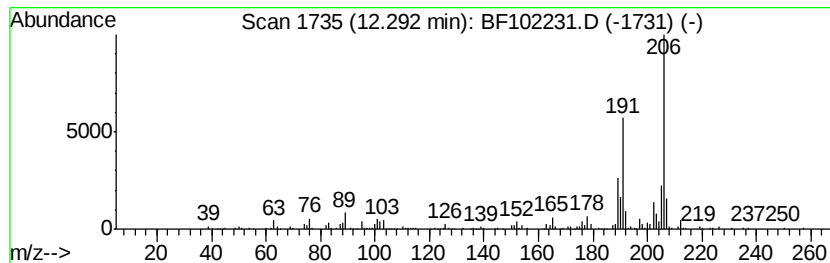
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.71 ng	264488	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-011818-B

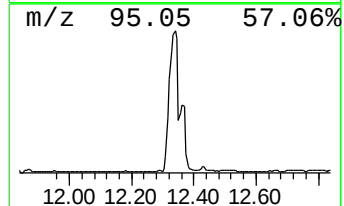
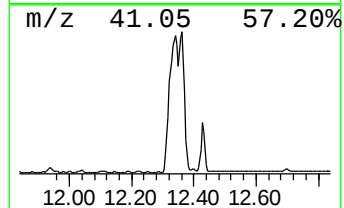
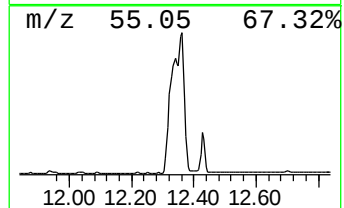
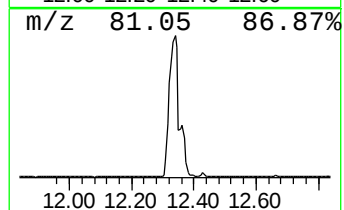
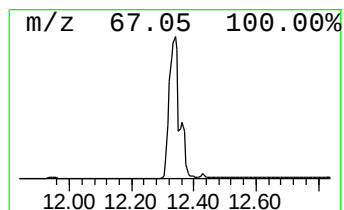
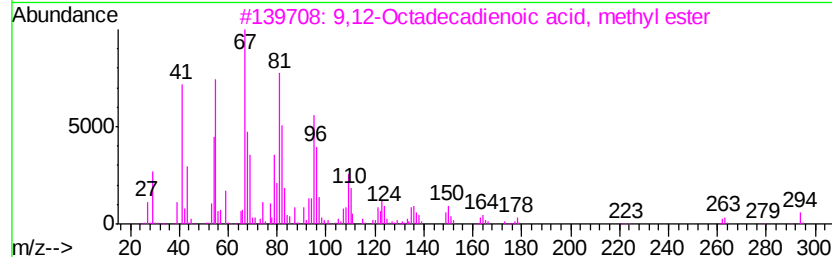
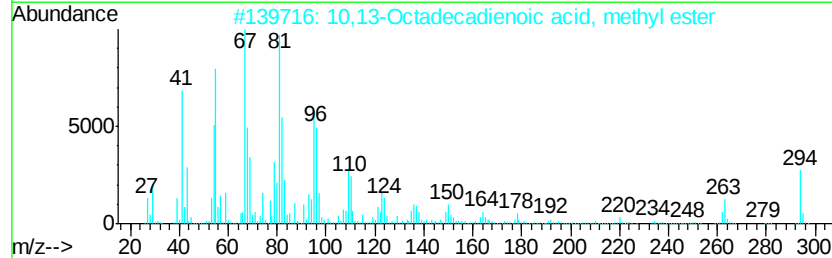
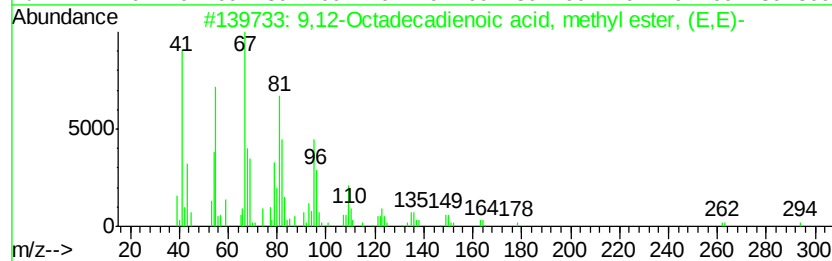
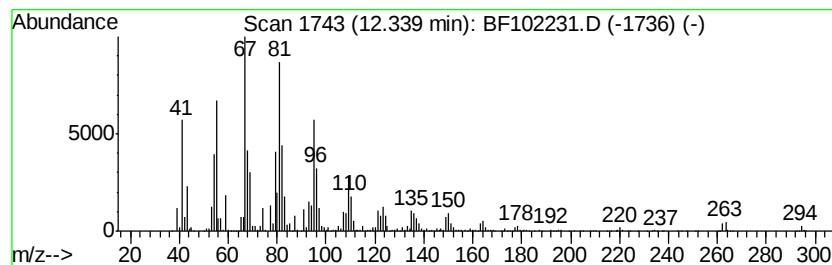
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	248.31 ng	13942800	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-011818-B

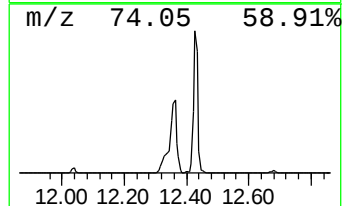
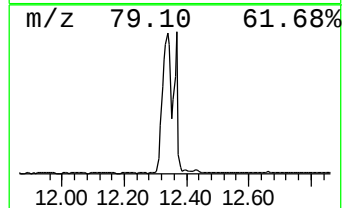
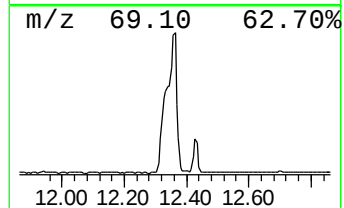
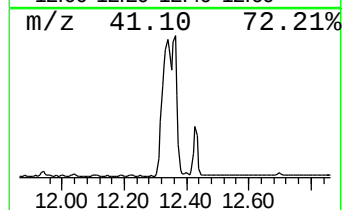
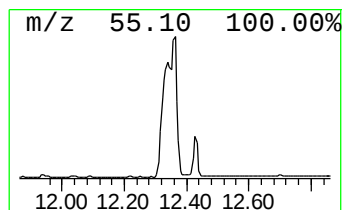
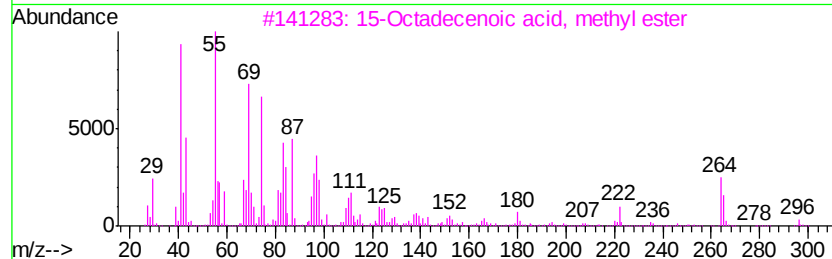
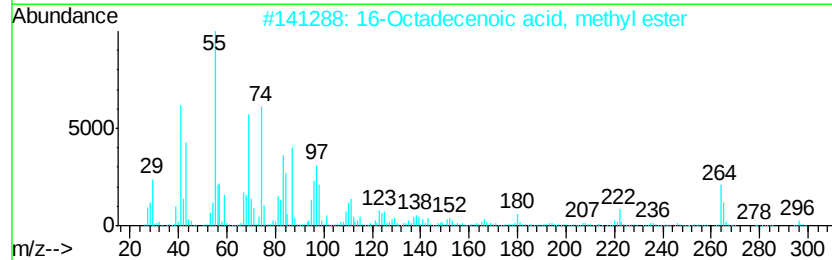
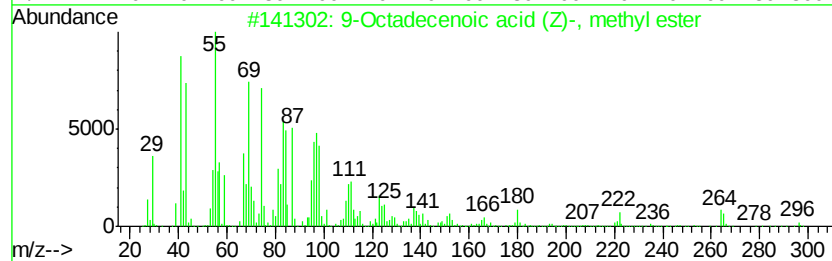
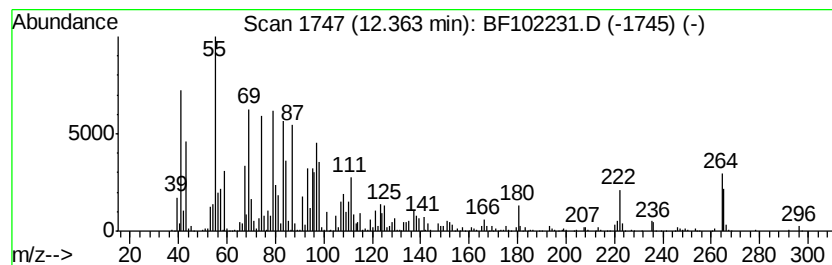
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	126.52 ng	7104320	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
4		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102231.D
Acq On : 19 Jan 2018 21:58
Operator : SJ/JU
Sample : J1018-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-011818-B

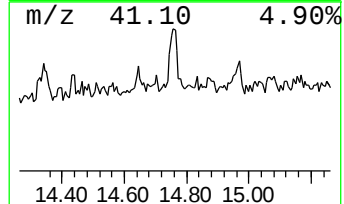
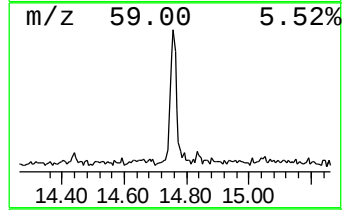
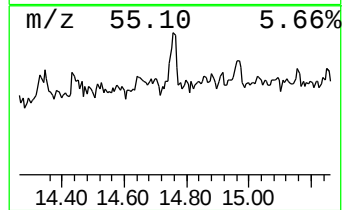
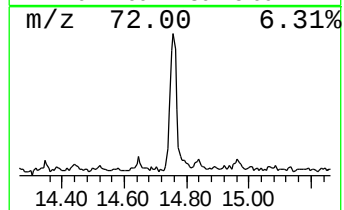
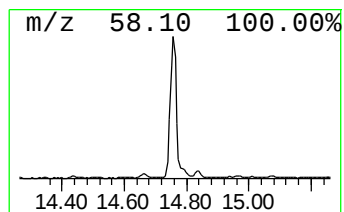
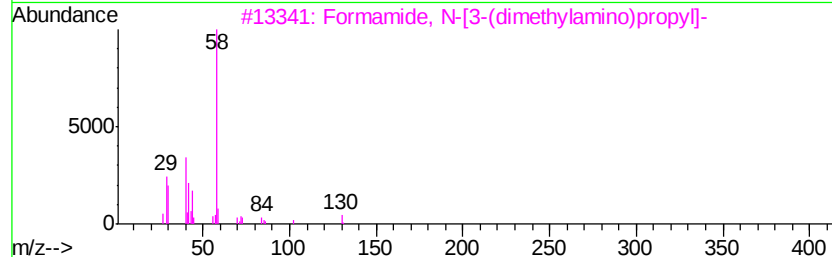
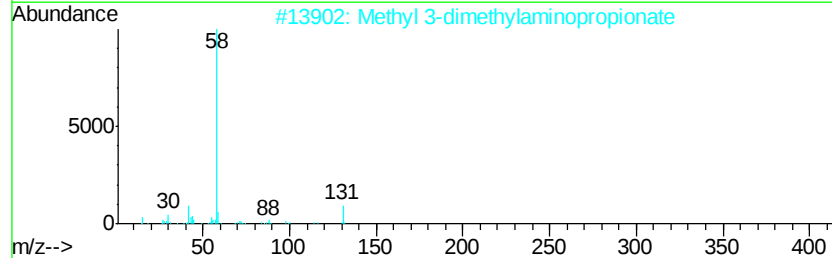
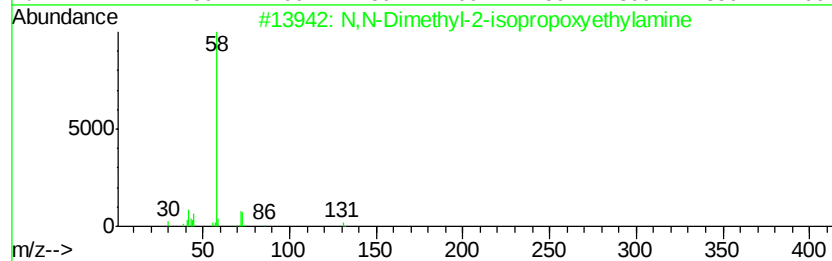
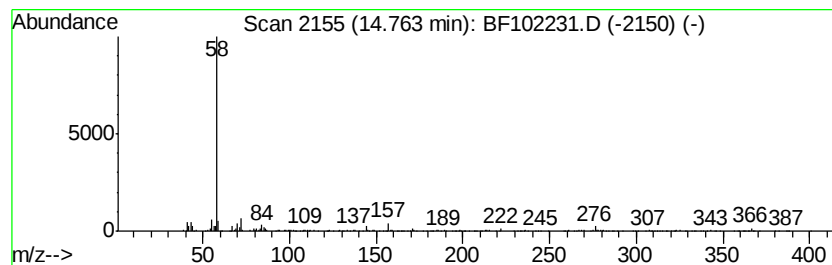
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyl-2-isopropoxyet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	13.44 ng	446444	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyl-2-isopropoxyethylamine	131	C7H17NO	071126-59-5	72
2		Methyl 3-dimethylaminopropionate	131	C6H13NO2	003853-06-3	72
3		Formamide, N-[3-(dimethylamino)propyl]	130	C6H14N2O	005922-69-0	64
4		3-(Dimethylamino)propyl isothiocyanate	144	C6H12N2S	027421-70-1	64
5		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
 Data File : BF102231.D
 Acq On : 19 Jan 2018 21:58
 Operator : SJ/JU
 Sample : J1018-08 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
unknown6.49	6.49	38.9	ng	1825050	1	6.72	938709	20.0
Tetradecane	9.16	5.7	ng	386436	3	9.76	1356410	20.0
Naphthalene, 1,6-...	9.41	3.7	ng	252482	3	9.76	1356410	20.0
Pentadecane	9.69	5.0	ng	340739	3	9.76	1356410	20.0
Hexadecane	10.19	5.2	ng	355147	3	9.76	1356410	20.0
Heptadecane	10.66	9.4	ng	528531	4	11.24	1123010	20.0
Heneicosane	11.10	4.4	ng	246659	4	11.24	1123010	20.0
Dibenzothiophene	11.13	4.2	ng	235443	4	11.24	1123010	20.0
Tetracosane	11.53	3.7	ng	208659	4	11.24	1123010	20.0
Hexadecanoic acid...	11.64	90.9	ng	5105060	4	11.24	1123010	20.0
Anthracene, 2-met...	11.74	4.6	ng	257804	4	11.24	1123010	20.0
Anthracene, 1-met...	11.85	6.8	ng	383677	4	11.24	1123010	20.0
Phenanthrene, 2,5...	12.29	4.7	ng	264488	4	11.24	1123010	20.0
9,12-Octadecadien...	12.34	248.3	ng	13942800	4	11.24	1123010	20.0
9-Octadecenoic ac...	12.36	126.5	ng	7104320	4	11.24	1123010	20.0
N,N-Dimethyl-2-is...	14.76	13.4	ng	446444	6	15.30	664479	20.0