

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104849.D
 Acq On : 26 Apr 2018 20:40
 Operator : JU/SJ
 Sample : J2161-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-042518-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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.010	493	497	504	rBV	70859	88311	4.27%	0.376%
2	5.422	562	567	581	rBV	2111317	2047341	99.08%	8.720%
3	6.445	736	741	758	rBV	2027835	2003348	96.95%	8.533%
4	6.575	758	763	766	rBV	2286549	2066302	100.00%	8.801%
5	6.798	798	801	805	rBV	810326	641987	31.07%	2.734%
6	6.957	824	828	831	rBV	1880631	1630093	78.89%	6.943%
7	7.369	893	898	911	rBV	1227573	1219979	59.04%	5.196%
8	8.086	1016	1020	1037	rVB	754901	794422	38.45%	3.384%
9	9.157	1198	1202	1212	rBV	2231533	1954600	94.59%	8.325%
10	9.551	1266	1269	1276	rVB	102775	108528	5.25%	0.462%
11	9.704	1291	1295	1298	rBV	60238	54286	2.63%	0.231%
12	9.763	1302	1305	1309	rVB	54304	46090	2.23%	0.196%
13	9.839	1314	1318	1322	rVV	783855	690954	33.44%	2.943%
14	9.869	1322	1323	1326	rVB	32504	27280	1.32%	0.116%
15	10.045	1350	1353	1356	rVB2	24501	25090	1.21%	0.107%
16	10.080	1356	1359	1363	rVB2	25657	23587	1.14%	0.100%
17	10.263	1387	1390	1393	rVB	68416	57467	2.78%	0.245%
18	10.392	1409	1412	1418	rVB	44394	45422	2.20%	0.193%
19	10.633	1449	1453	1463	rBV	1152083	1055280	51.07%	4.495%
20	10.733	1467	1470	1480	rBV	63847	77933	3.77%	0.332%
21	10.939	1500	1505	1507	rBV3	20932	27478	1.33%	0.117%
22	11.180	1542	1546	1549	rBV2	40244	40014	1.94%	0.170%
23	11.227	1552	1554	1558	rVB	28030	23868	1.16%	0.102%
24	11.333	1568	1572	1574	rBV	699166	689892	33.39%	2.938%
25	11.357	1574	1576	1582	rVB	332267	283422	13.72%	1.207%
26	11.410	1582	1585	1588	rBV	102404	96800	4.68%	0.412%
27	11.568	1608	1612	1616	rBV2	12868	23464	1.14%	0.100%
28	11.610	1616	1619	1625	rVV2	26219	33069	1.60%	0.141%
29	11.663	1625	1628	1632	rVB2	17722	22656	1.10%	0.096%
30	11.833	1652	1657	1659	rBV	75038	73150	3.54%	0.312%
31	11.863	1659	1662	1667	rVV	99241	88225	4.27%	0.376%
32	11.910	1667	1670	1673	rVV	46440	41151	1.99%	0.175%
33	11.945	1673	1676	1678	rVV	146421	142343	6.89%	0.606%
34	11.968	1678	1680	1686	rVB2	58747	52295	2.53%	0.223%

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35	12.021	1686	1689	1691	rBV2	28366	29605	1.43%	0.126%
36	12.127	1705	1707	1710	rBV	58943	52793	2.55%	0.225%
37	12.163	1710	1713	1717	rVB4	30414	33109	1.60%	0.141%
38	12.380	1747	1750	1753	rBV	66517	75351	3.65%	0.321%
39	12.410	1753	1755	1759	rVV3	51130	70458	3.41%	0.300%
40	12.474	1762	1766	1770	rVV3	48505	59645	2.89%	0.254%
41	12.551	1775	1779	1782	rBV	770901	714914	34.60%	3.045%
42	12.645	1792	1795	1798	rBV	36612	30486	1.48%	0.130%
43	12.698	1801	1804	1806	rBV2	38859	38178	1.85%	0.163%
44	12.780	1811	1818	1824	rBV	746251	838287	40.57%	3.570%
45	12.833	1824	1827	1830	rVB2	44377	53666	2.60%	0.229%
46	12.915	1835	1841	1845	rBV	1704741	1805490	87.38%	7.690%
47	12.992	1850	1854	1859	rBV2	58436	104556	5.06%	0.445%
48	13.104	1871	1873	1877	rVB	108792	106977	5.18%	0.456%
49	13.139	1877	1879	1882	rBV3	30511	28800	1.39%	0.123%
50	13.174	1882	1885	1887	rBV2	81569	67082	3.25%	0.286%
51	13.210	1887	1891	1896	rBV2	85610	107359	5.20%	0.457%
52	13.304	1904	1907	1910	rBV	53485	51535	2.49%	0.220%
53	13.333	1910	1912	1914	rBV	49746	45729	2.21%	0.195%
54	13.480	1935	1937	1940	rBV3	32467	28549	1.38%	0.122%
55	13.621	1958	1961	1964	rVB	50396	51188	2.48%	0.218%
56	13.727	1977	1979	1981	rBV	51658	39422	1.91%	0.168%
57	13.757	1982	1984	1985	rVV	49615	32769	1.59%	0.140%
58	13.804	1989	1992	1999	rVB4	294391	351931	17.03%	1.499%
59	13.980	2017	2022	2025	rBV2	818672	1036677	50.17%	4.415%
60	14.004	2025	2026	2034	rVB	310162	258698	12.52%	1.102%
61	14.127	2045	2047	2054	rVB7	64528	86203	4.17%	0.367%
62	15.027	2196	2200	2203	rBV	180279	282197	13.66%	1.202%
63	15.392	2258	2262	2267	rBV	155545	209359	10.13%	0.892%
64	15.451	2268	2272	2276	rBV2	388109	491155	23.77%	2.092%

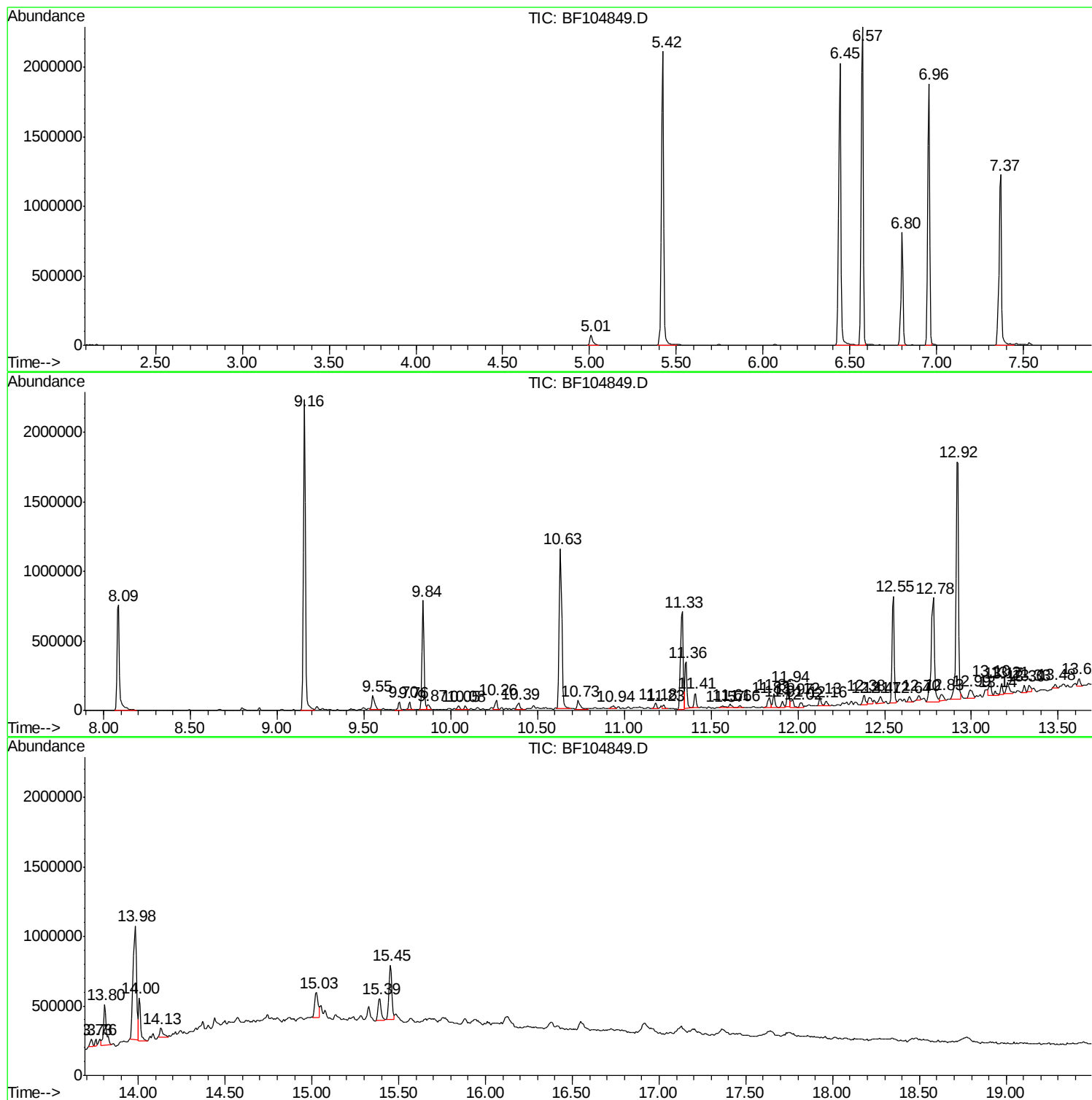
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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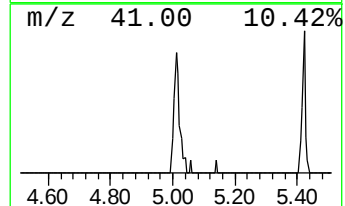
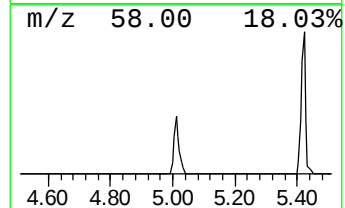
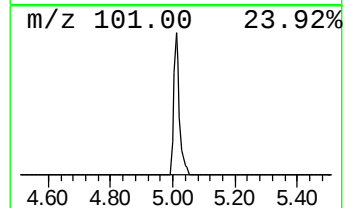
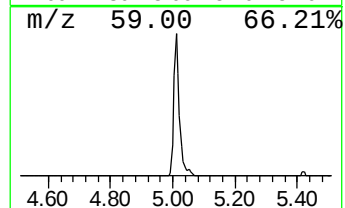
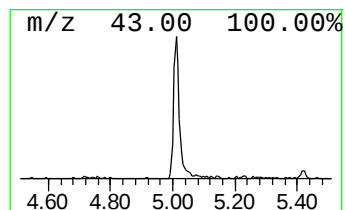
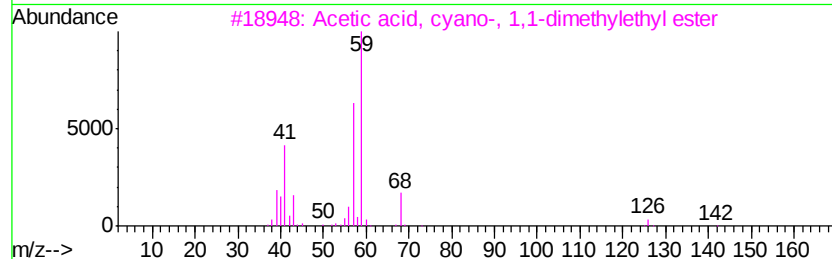
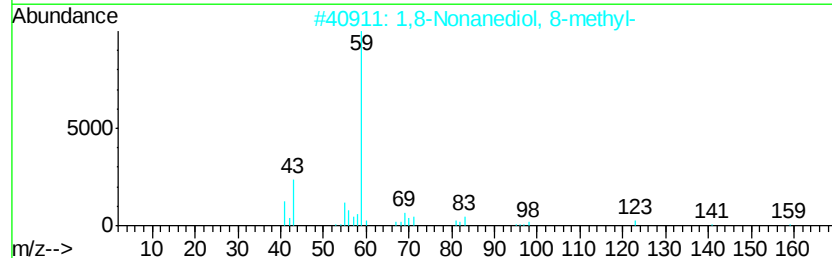
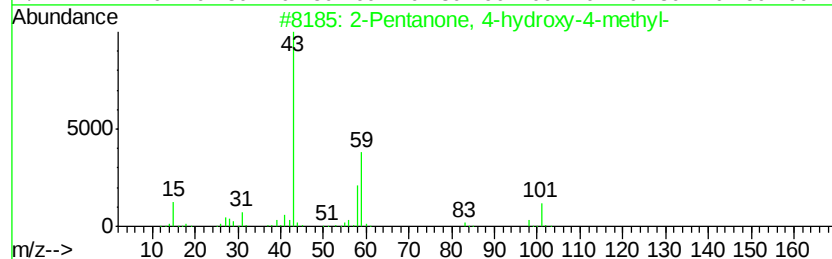
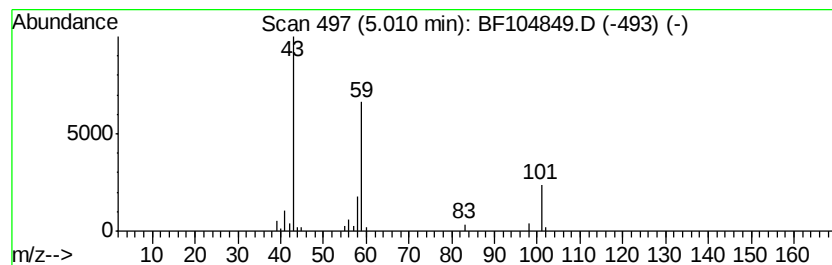
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.75 ng	88311	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			Acetone	58	C3H6O	000067-64-1	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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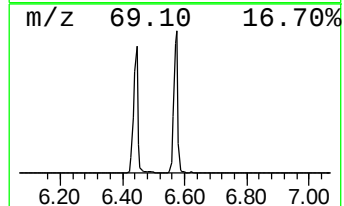
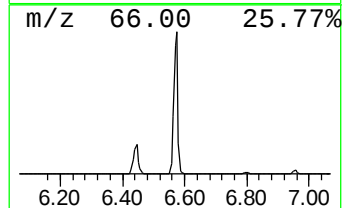
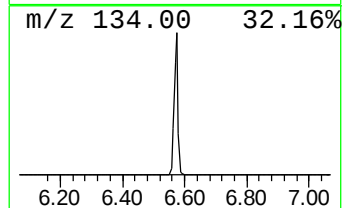
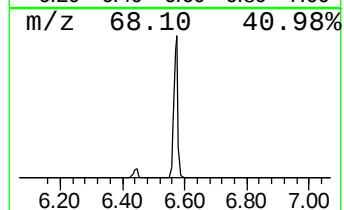
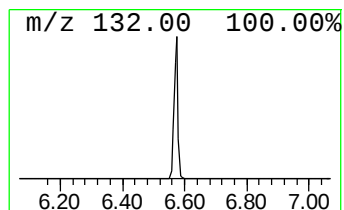
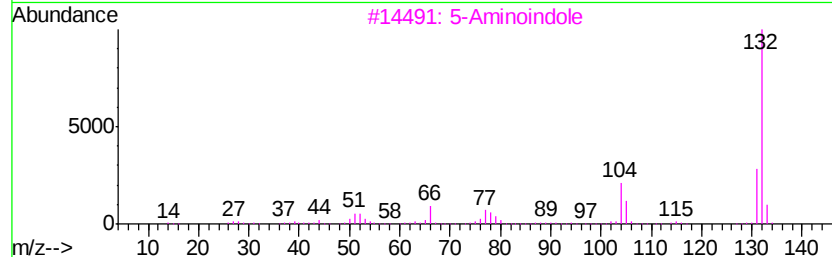
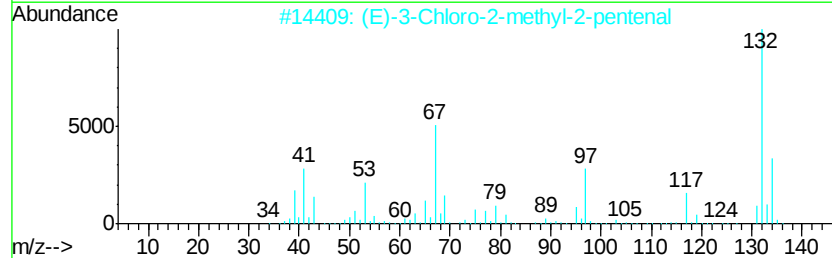
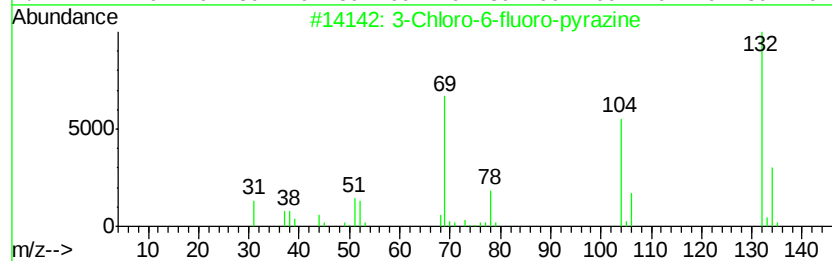
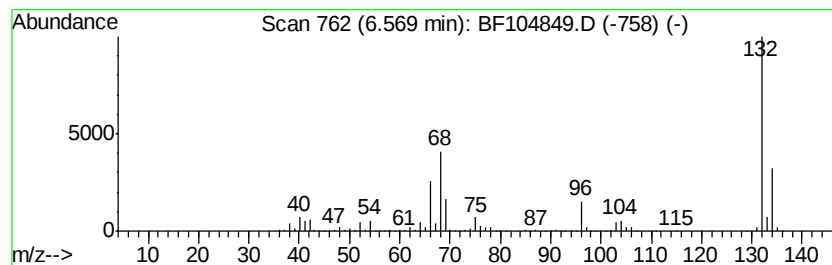
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	64.37 ng	2066300	1,4-Dichlorobenzene-d4	6.80

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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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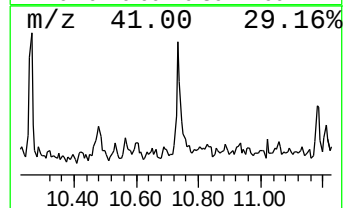
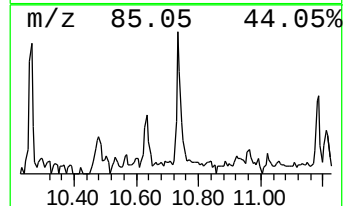
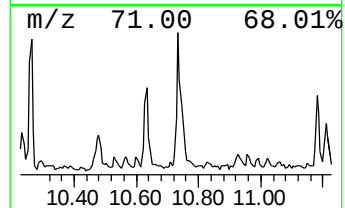
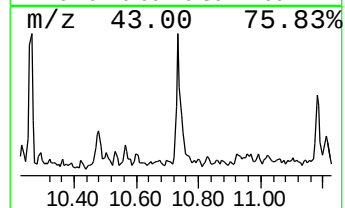
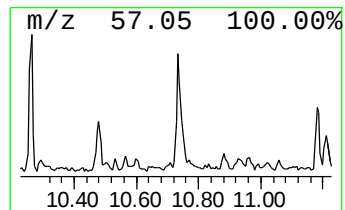
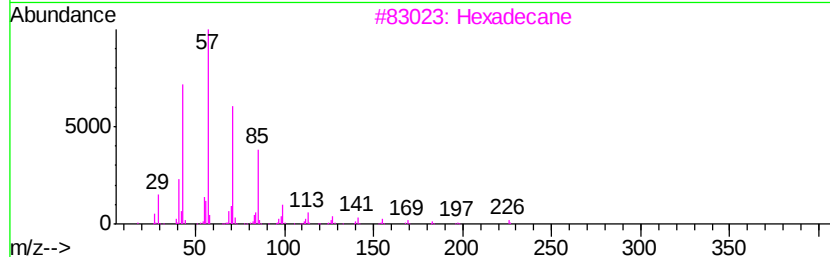
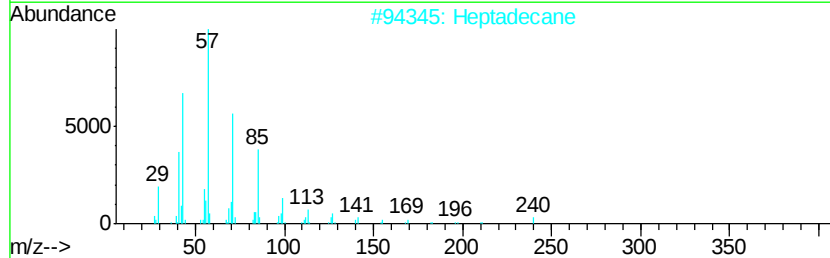
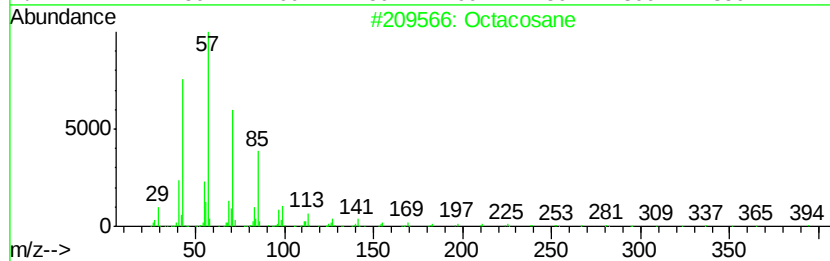
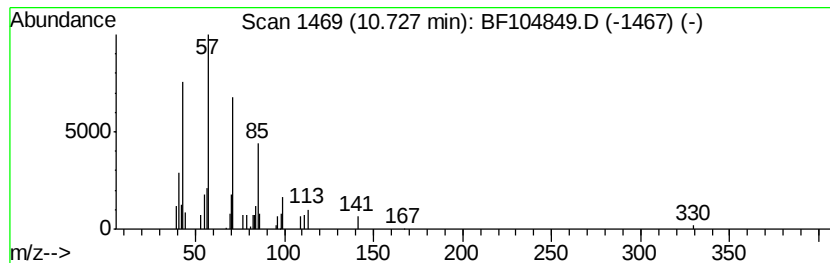
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.26 ng	77933	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Nonadecane	268	C19H40	000629-92-5	87



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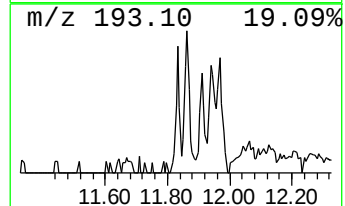
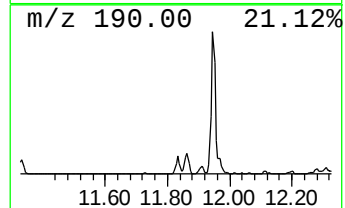
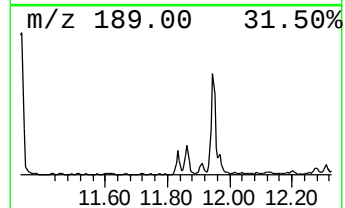
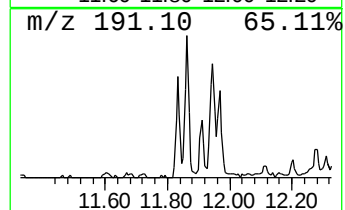
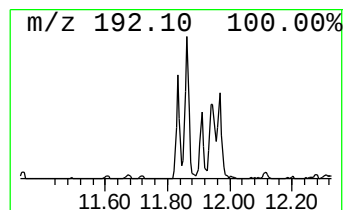
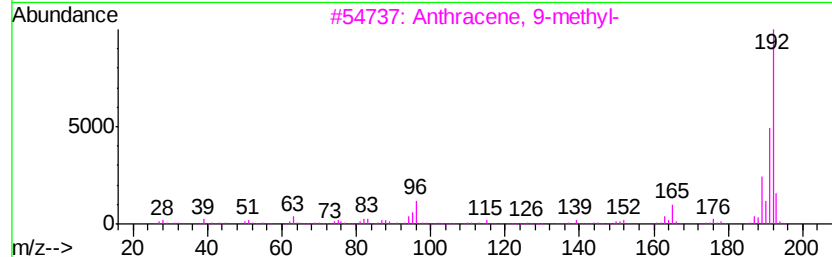
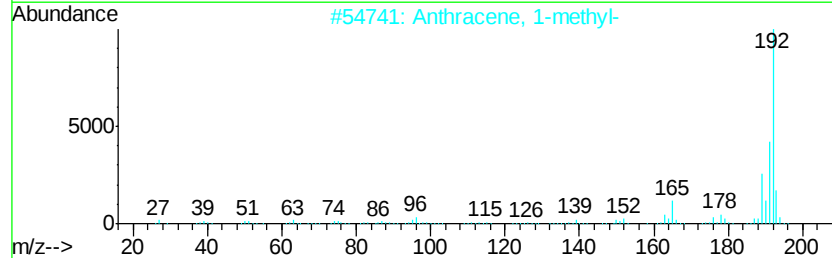
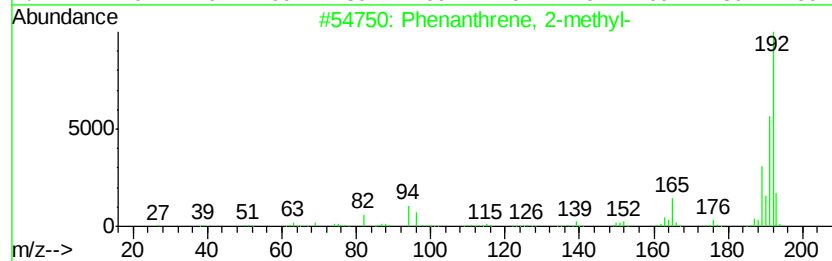
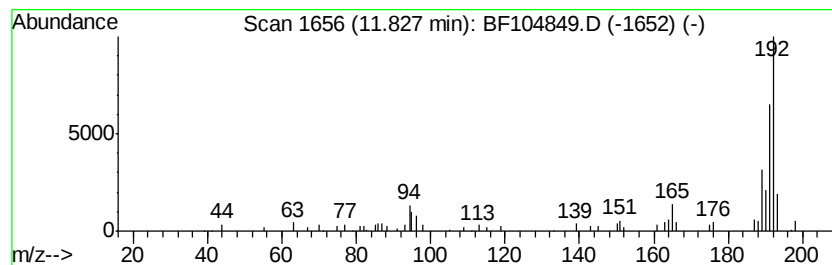
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.12 ng	73150	Phenanthrene-d10	11.33

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



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ALS Vial : 20 Sample Multiplier: 1

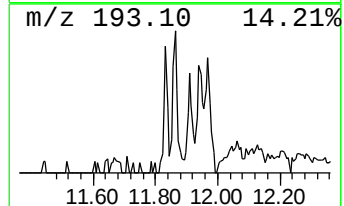
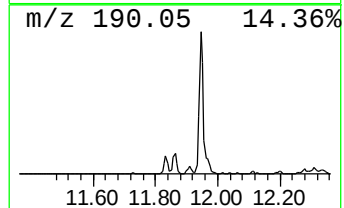
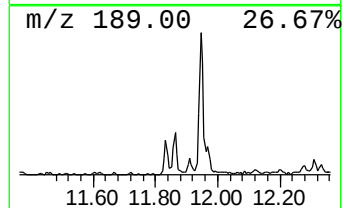
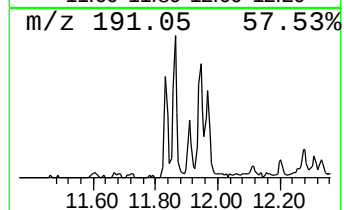
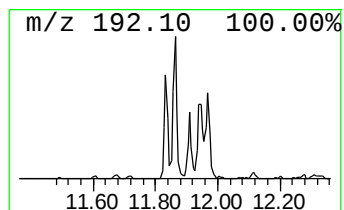
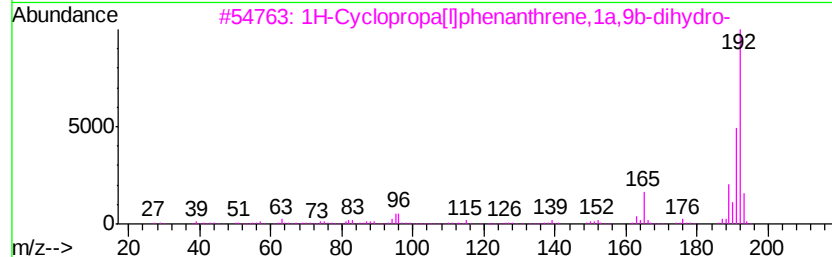
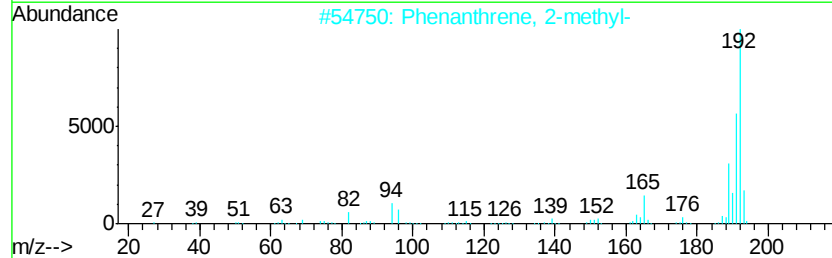
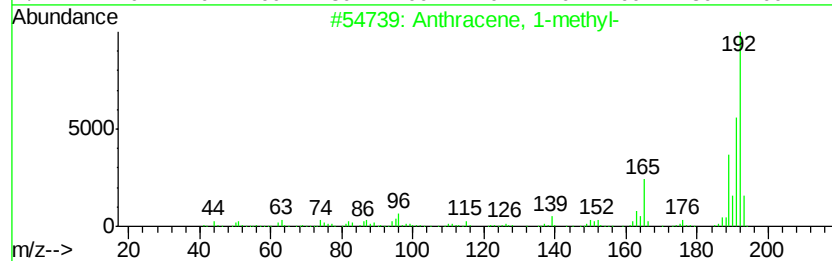
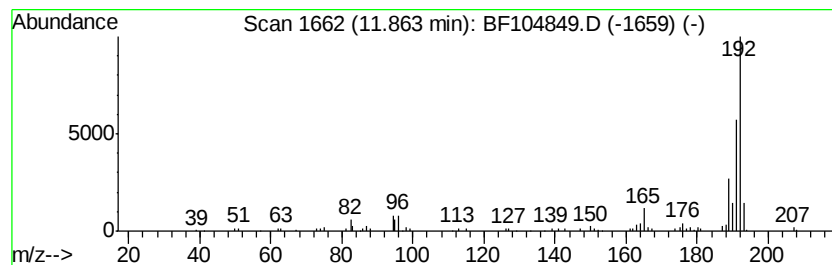
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ClientSampleId :
OR-01-042518-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	2.56 ng	88225	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104849.D
Acq On : 26 Apr 2018 20:40
Operator : JU/SJ
Sample : J2161-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

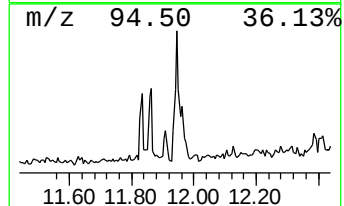
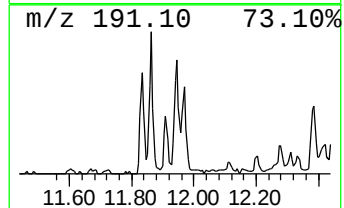
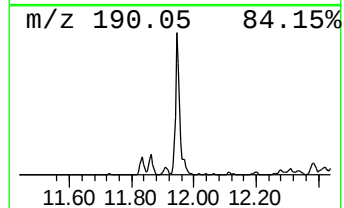
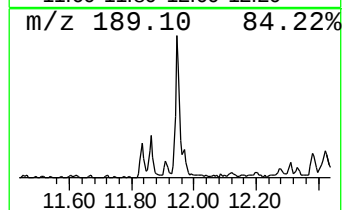
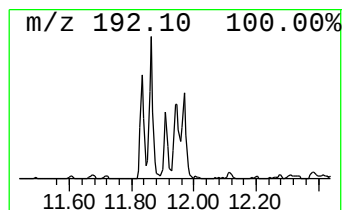
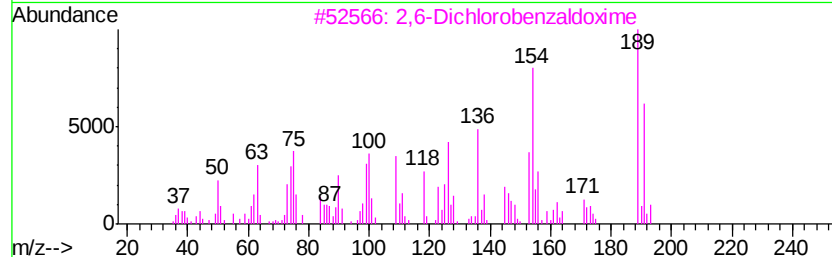
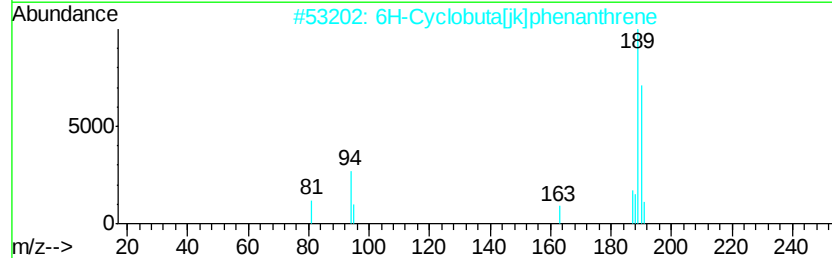
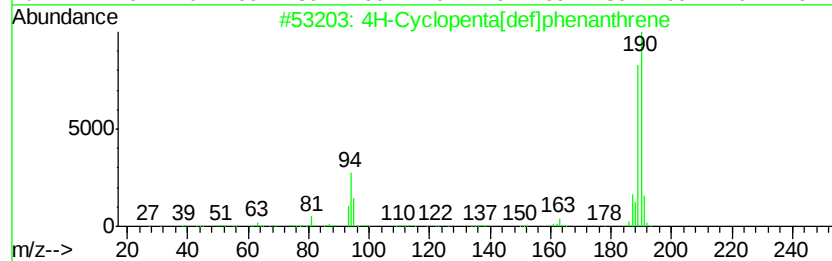
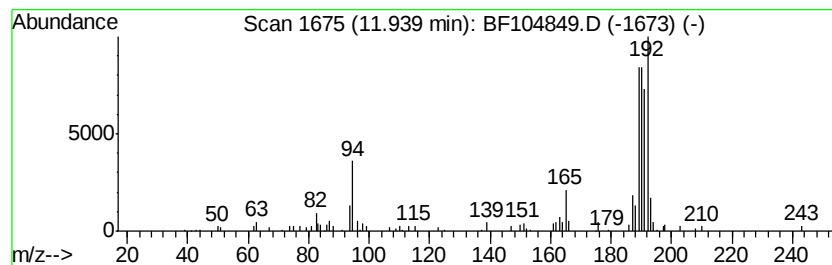
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.94	4.13 ng	142343	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	40
3	2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042618\
Data File : BF104849.D
Acq On : 26 Apr 2018 20:40
Operator : JU/SJ
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Instrument :
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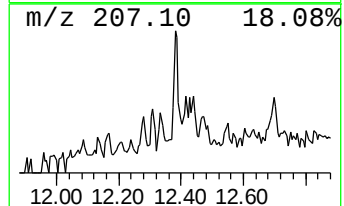
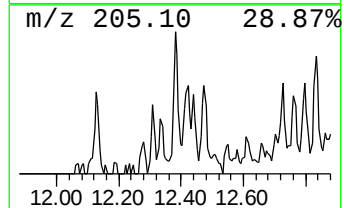
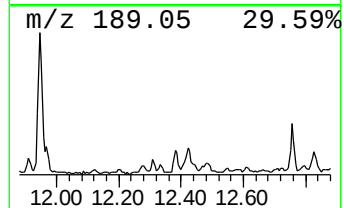
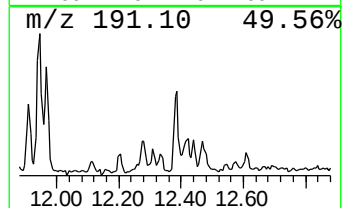
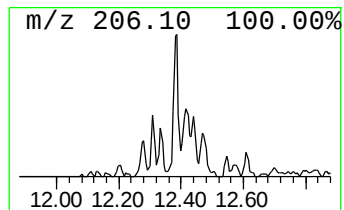
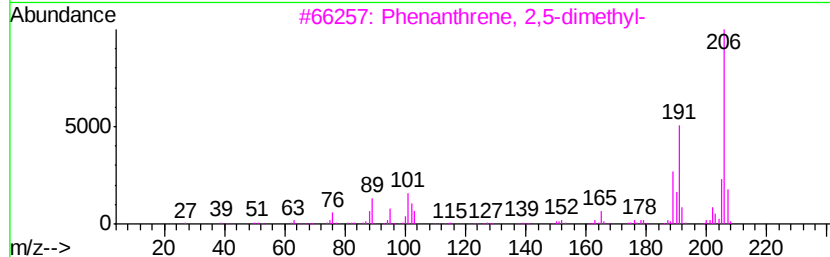
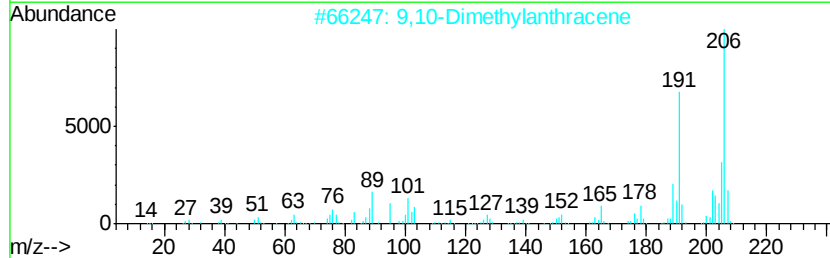
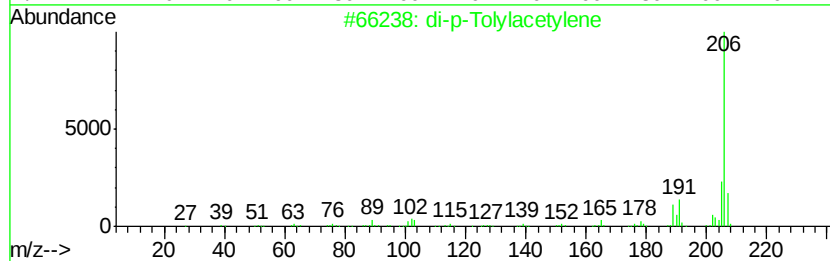
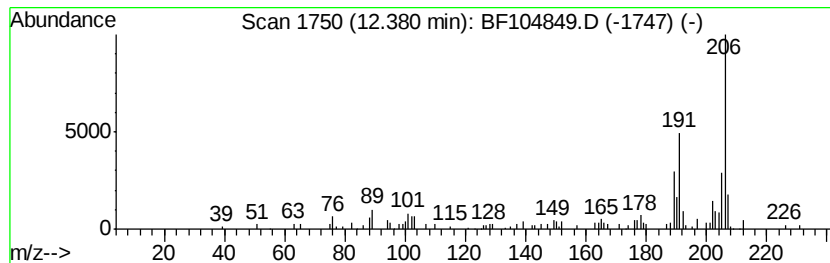
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.18 ng	75351	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042618\
Data File : BF104849.D
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Operator : JU/SJ
Sample : J2161-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

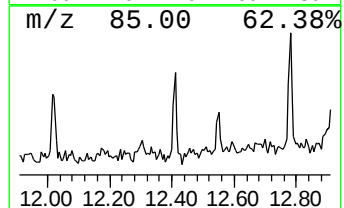
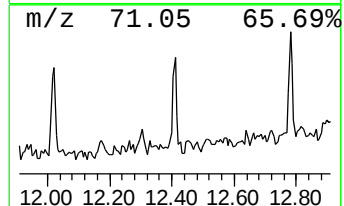
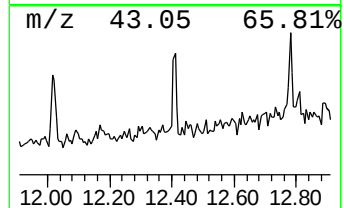
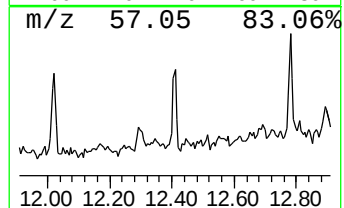
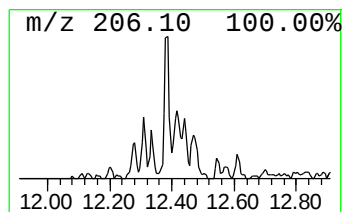
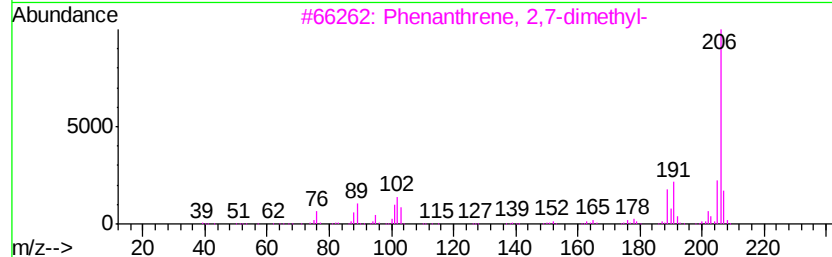
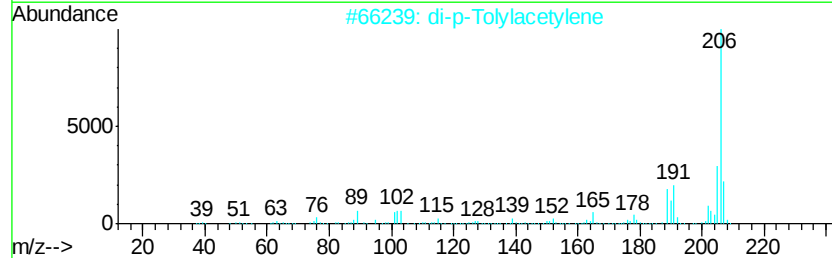
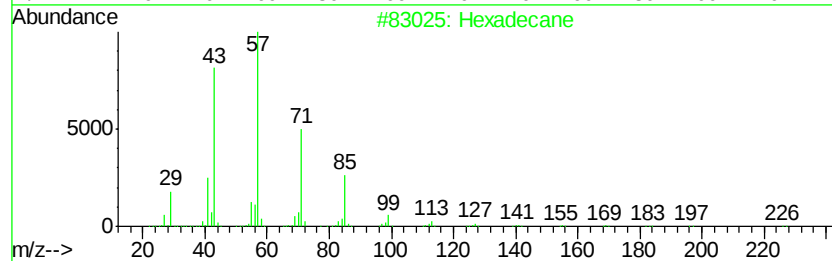
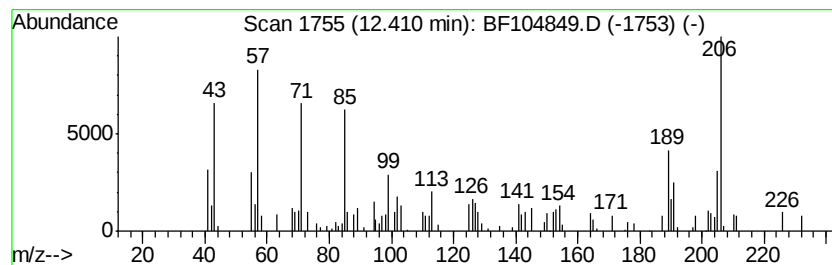
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.41	2.04 ng	70458	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	66
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104849.D
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Sample : J2161-07
Misc :
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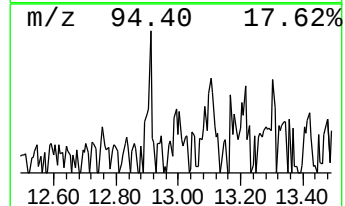
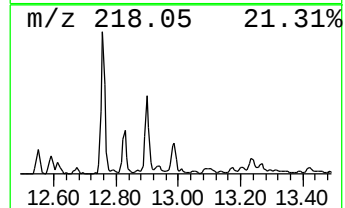
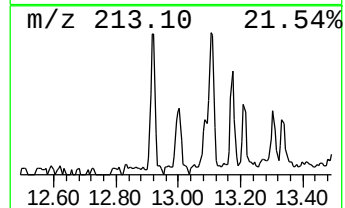
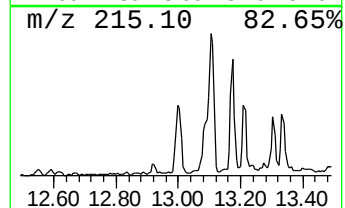
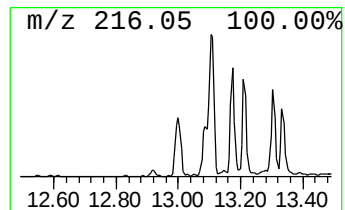
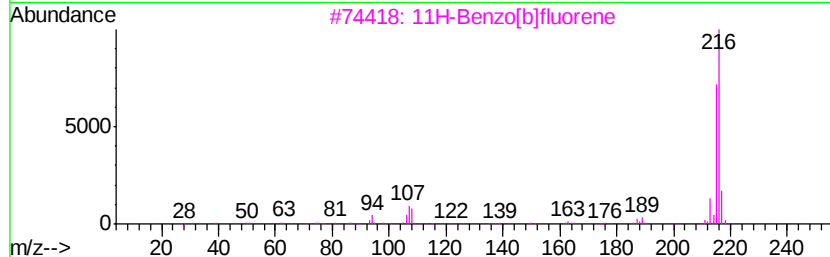
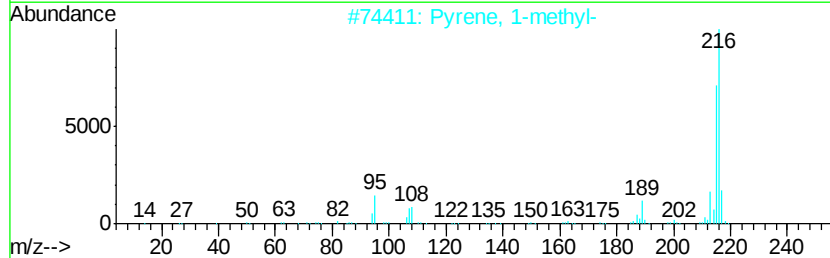
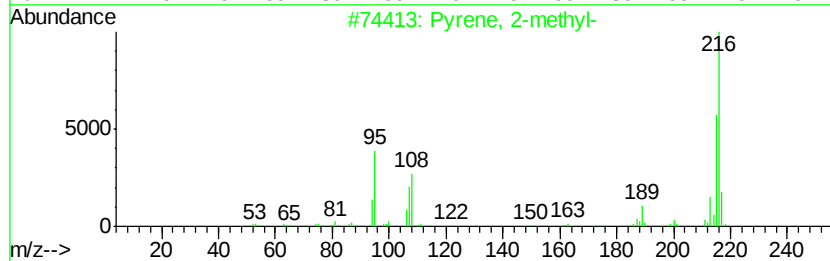
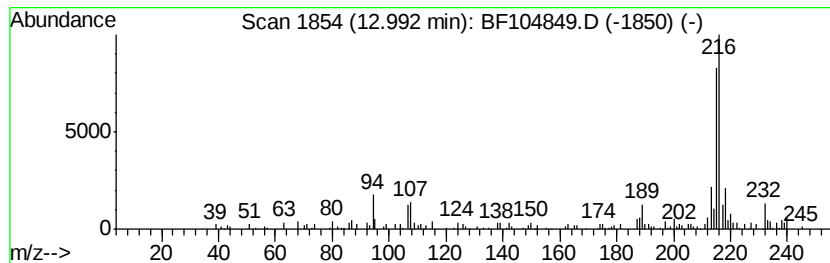
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.02 ng	104556	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 2-methyl-	216 C17H12	003442-78-2 81
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 74
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 68
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 58
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042618\
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Sample : J2161-07
Misc :
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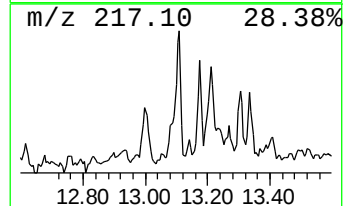
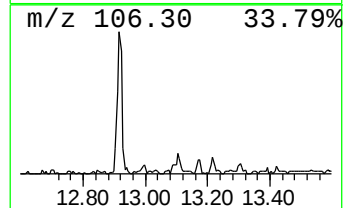
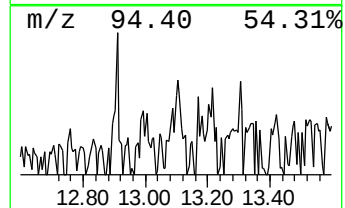
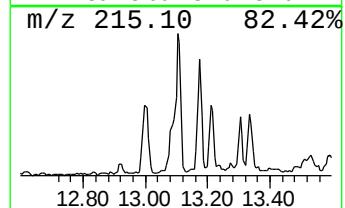
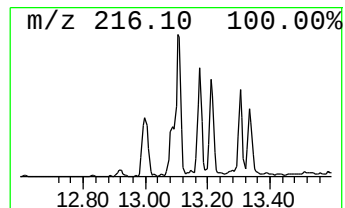
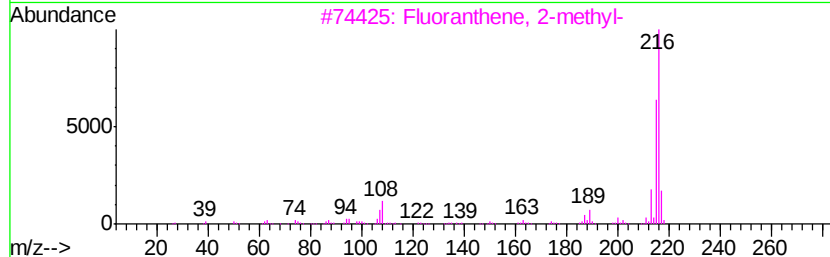
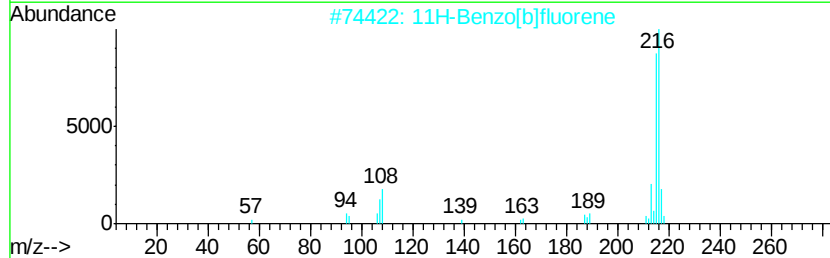
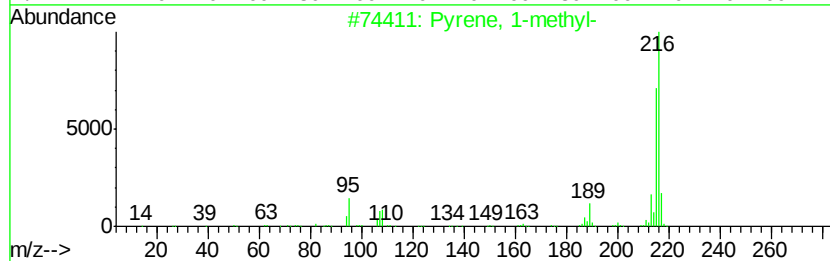
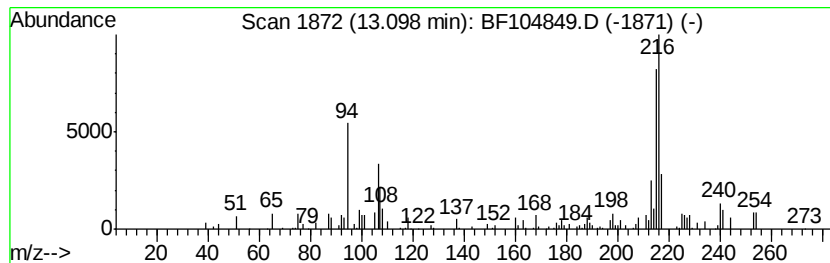
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.06 ng	106977	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 87
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 80
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216 C12H12N2O2	312531-88-7 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
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ALS Vial : 20 Sample Multiplier: 1

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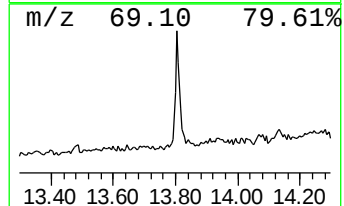
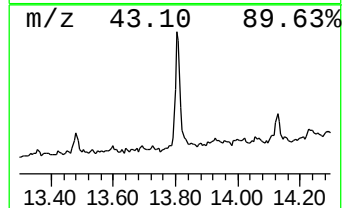
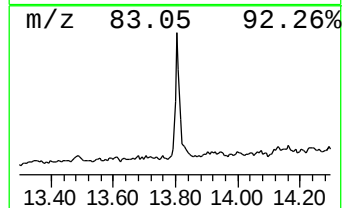
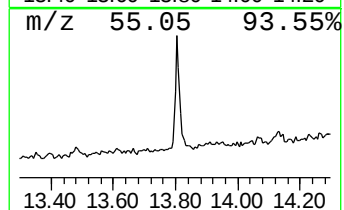
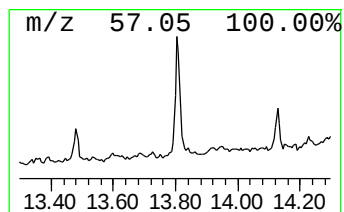
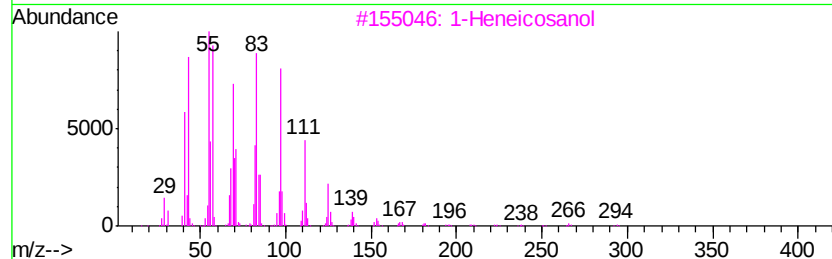
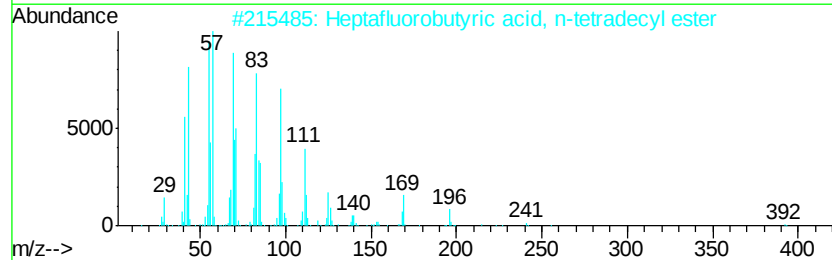
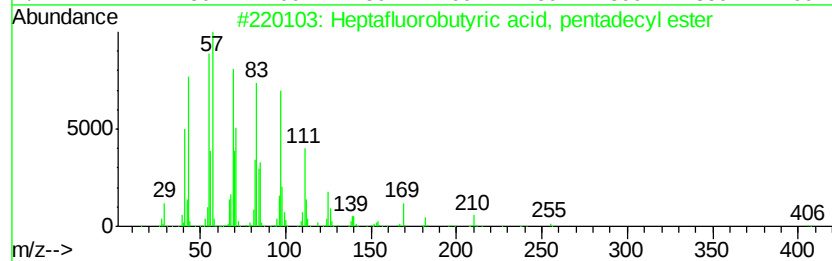
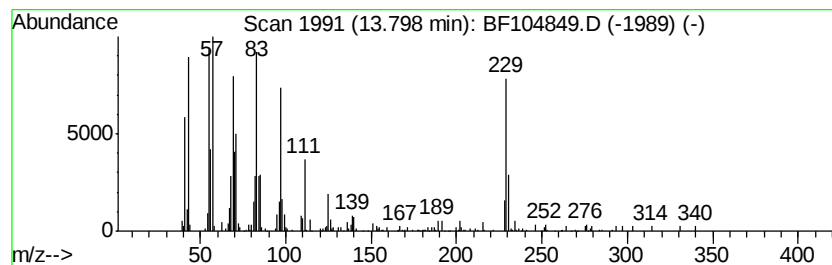
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.79 ng	351931	Chrysene-d12	13.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042618\
Data File : BF104849.D
Acq On : 26 Apr 2018 20:40
Operator : JU/SJ
Sample : J2161-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-042518-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown5.01	5.01	2.8	ng	88311	1	6.80	641987	20.0
unknown6.57	6.57	64.4	ng	2066300	1	6.80	641987	20.0
Octacosane	10.73	2.3	ng	77933	4	11.33	689892	20.0
Phenanthrene, 2-m...	11.83	2.1	ng	73150	4	11.33	689892	20.0
Anthracene, 1-met...	11.86	2.6	ng	88225	4	11.33	689892	20.0
4H-Cyclopenta[def...	11.94	4.1	ng	142343	4	11.33	689892	20.0
di-p-Tolylacetylene	12.38	2.2	ng	75351	4	11.33	689892	20.0
Hexadecane	12.41	2.0	ng	70458	4	11.33	689892	20.0
Pyrene, 2-methyl-	12.99	2.0	ng	104556	5	13.98	1036680	20.0
Pyrene, 1-methyl-	13.10	2.1	ng	106977	5	13.98	1036680	20.0
Heptafluorobutyri...	13.80	6.8	ng	351931	5	13.98	1036680	20.0