

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104769.D
 Acq On : 24 Apr 2018 21:01
 Operator : JU/SJ
 Sample : J2508-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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	3.834	291	297	304	rBV	167546	234793	8.79%	0.930%
2	5.022	493	499	504	rBV	97970	141669	5.30%	0.561%
3	5.434	565	569	572	rBV	2305048	2144603	80.24%	8.497%
4	6.457	738	743	746	rBV	2197004	2229155	83.41%	8.832%
5	6.586	760	765	768	rBV	2473925	2389102	89.39%	9.466%
6	6.810	799	803	806	rBV	743523	617182	23.09%	2.445%
7	6.963	825	829	833	rBV	2160460	1986513	74.33%	7.871%
8	7.375	894	899	902	rBV	1492729	1449647	54.24%	5.744%
9	8.092	1018	1021	1024	rBV	972153	783295	29.31%	3.104%
10	9.169	1200	1204	1207	rBV	3099186	2672612	100.00%	10.589%
11	9.563	1267	1271	1278	rVB	213194	213441	7.99%	0.846%
12	9.710	1293	1296	1303	rBV	56856	54702	2.05%	0.217%
13	9.769	1303	1306	1309	rVV	81605	62737	2.35%	0.249%
14	9.851	1316	1320	1324	rBV	984837	836053	31.28%	3.313%
15	10.269	1388	1391	1394	rVB	107318	87756	3.28%	0.348%
16	10.486	1424	1428	1431	rBV	27503	32419	1.21%	0.128%
17	10.645	1451	1455	1464	rVB	1501252	1408400	52.70%	5.580%
18	10.745	1469	1472	1480	rVB2	88218	123543	4.62%	0.489%
19	11.192	1545	1548	1551	rBV3	51391	43883	1.64%	0.174%
20	11.339	1569	1573	1575	rBV	868488	737990	27.61%	2.924%
21	11.363	1575	1577	1583	rVV	318191	266742	9.98%	1.057%
22	11.416	1583	1586	1589	rVV	75837	62285	2.33%	0.247%
23	11.574	1609	1613	1618	rBV2	24003	33891	1.27%	0.134%
24	11.621	1618	1621	1627	rVB5	20917	30524	1.14%	0.121%
25	11.739	1639	1641	1647	rVB2	28478	34264	1.28%	0.136%
26	11.839	1656	1658	1660	rBV	56323	53087	1.99%	0.210%
27	11.868	1660	1663	1666	rVB2	88823	102100	3.82%	0.405%
28	11.951	1674	1677	1680	rBV2	70788	80515	3.01%	0.319%
29	11.974	1680	1681	1686	rVB	42652	36942	1.38%	0.146%
30	12.027	1686	1690	1693	rBV3	33130	36513	1.37%	0.145%
31	12.139	1706	1709	1712	rBV	39986	35230	1.32%	0.140%
32	12.168	1712	1714	1719	rVB3	33885	36606	1.37%	0.145%
33	12.392	1748	1752	1754	rBV	59578	62762	2.35%	0.249%
34	12.480	1764	1767	1773	rBV2	37225	44277	1.66%	0.175%

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35	12.557	1777	1780	1784	rVB	547252	454749	17.02%	1.802%
36	12.786	1813	1819	1825	rBV	496038	530888	19.86%	2.103%
37	12.839	1825	1828	1831	rVB3	29500	36477	1.36%	0.145%
38	12.927	1836	1843	1847	rBV	2190461	2142072	80.15%	8.487%
39	13.004	1852	1856	1860	rBV4	38854	65042	2.43%	0.258%
40	13.092	1868	1871	1872	rBV2	41306	39201	1.47%	0.155%
41	13.115	1872	1875	1878	rVB	70962	75938	2.84%	0.301%
42	13.180	1884	1886	1889	rBV	38270	33458	1.25%	0.133%
43	13.221	1889	1893	1895	rVV2	54212	60655	2.27%	0.240%
44	13.398	1921	1923	1926	rVB2	42178	30377	1.14%	0.120%
45	13.598	1954	1957	1959	rBV3	34630	44019	1.65%	0.174%
46	13.627	1959	1962	1965	rVB	61700	67630	2.53%	0.268%
47	13.733	1978	1980	1983	rBV2	45729	42658	1.60%	0.169%
48	13.786	1987	1989	1991	rVV2	35339	38604	1.44%	0.153%
49	13.815	1991	1994	2001	rVB3	125667	179532	6.72%	0.711%
50	13.957	2015	2018	2019	rBV	72638	70646	2.64%	0.280%
51	13.992	2019	2024	2026	rVV2	725972	941064	35.21%	3.729%
52	14.015	2026	2028	2036	rVB	287744	257577	9.64%	1.021%
53	15.033	2198	2201	2204	rBV	178511	243164	9.10%	0.963%
54	15.339	2250	2253	2257	rVB	105649	125625	4.70%	0.498%
55	15.398	2260	2263	2269	rVB	125934	170234	6.37%	0.674%
56	15.462	2270	2274	2278	rBV	342346	423919	15.86%	1.680%

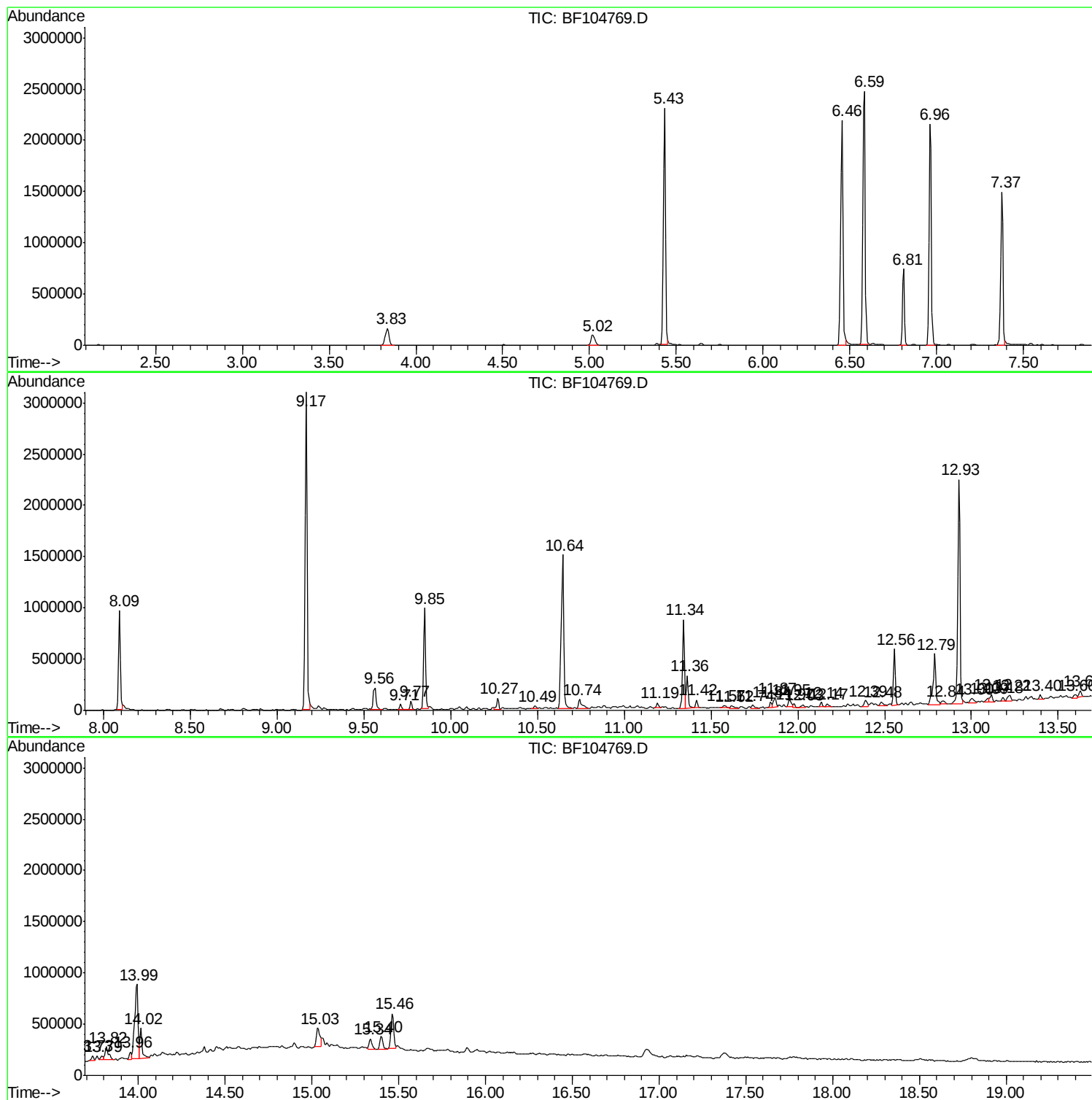
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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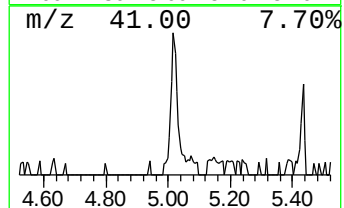
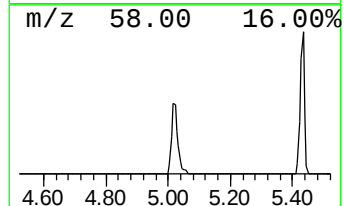
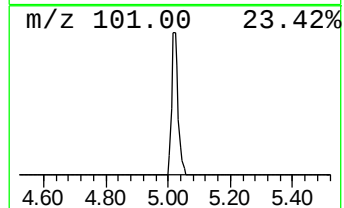
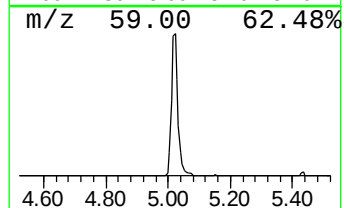
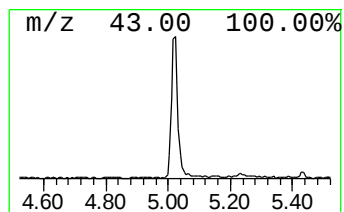
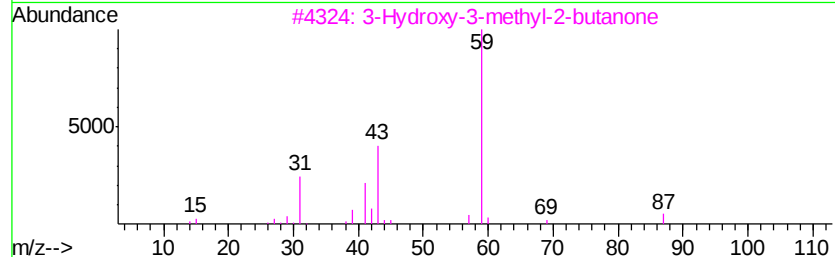
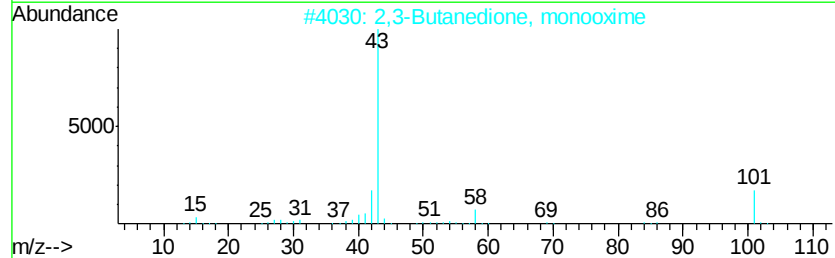
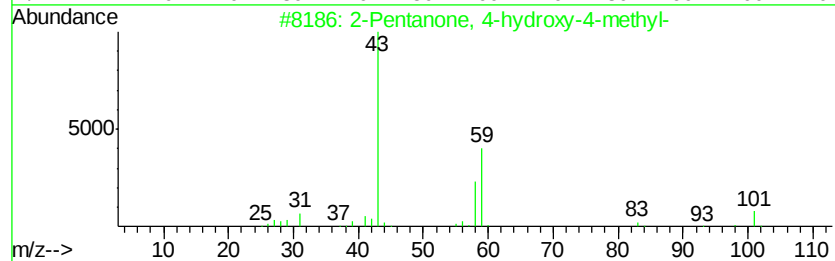
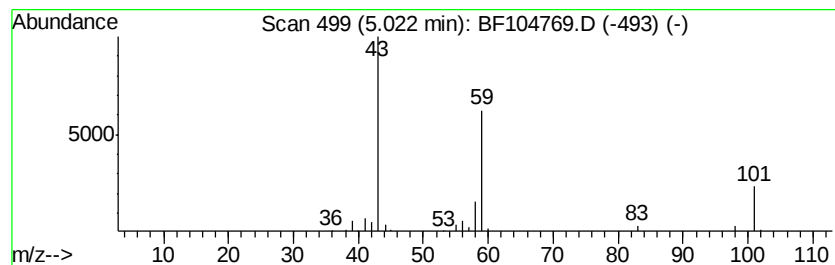
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	4.59 ng	141669	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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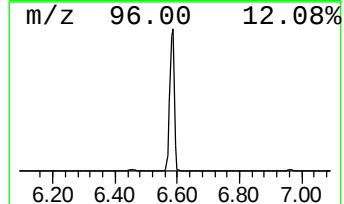
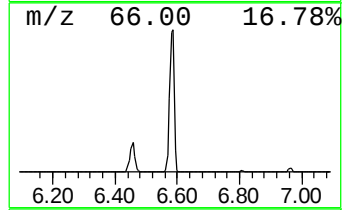
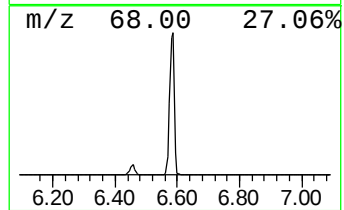
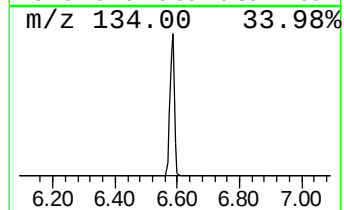
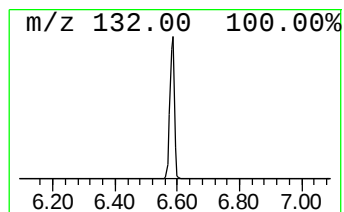
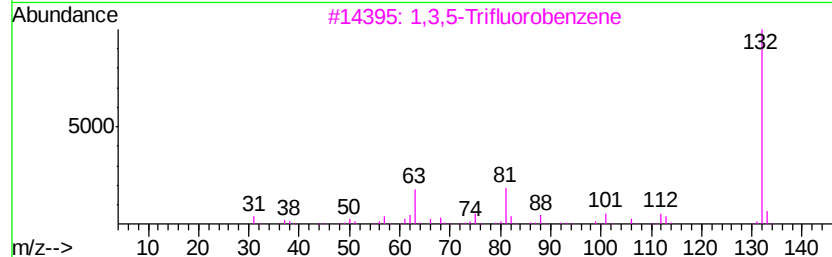
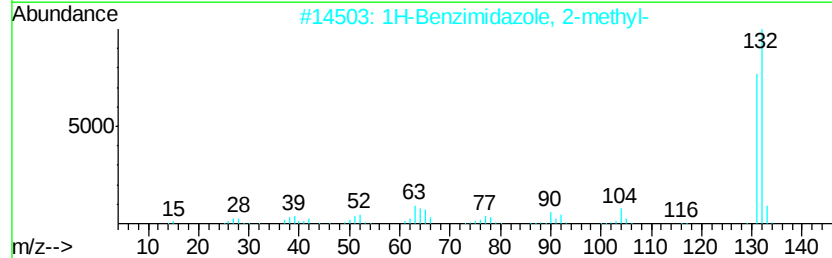
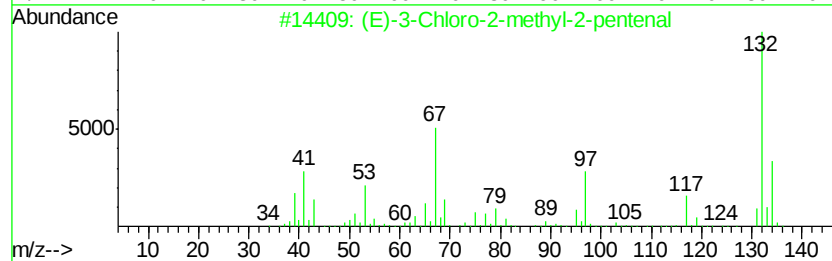
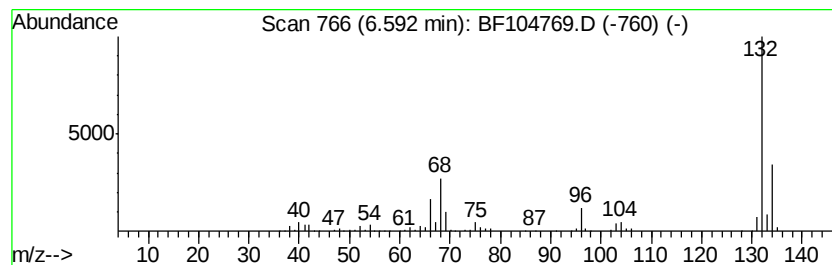
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	77.42 ng	2389100	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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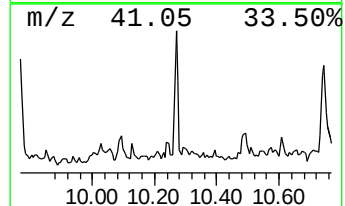
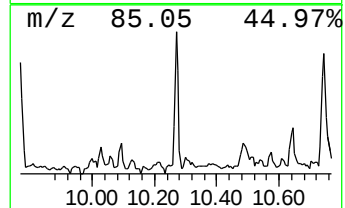
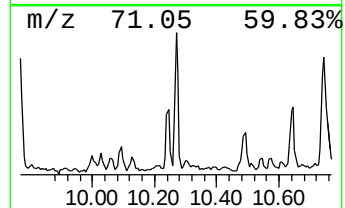
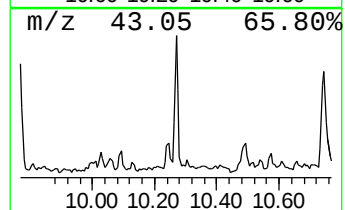
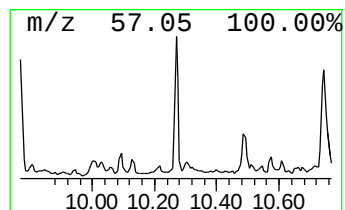
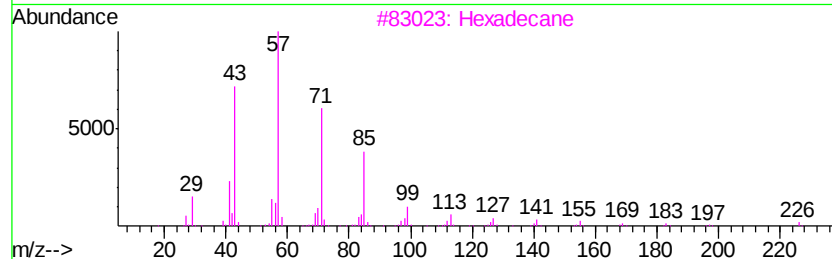
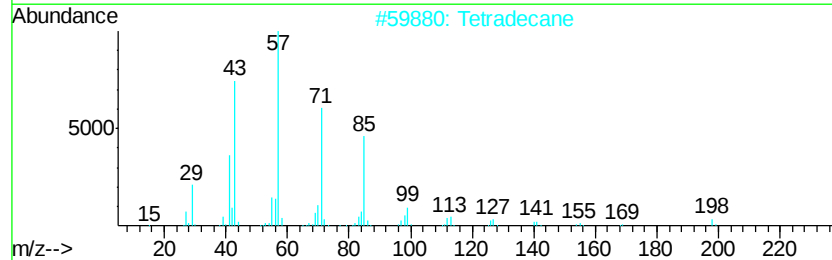
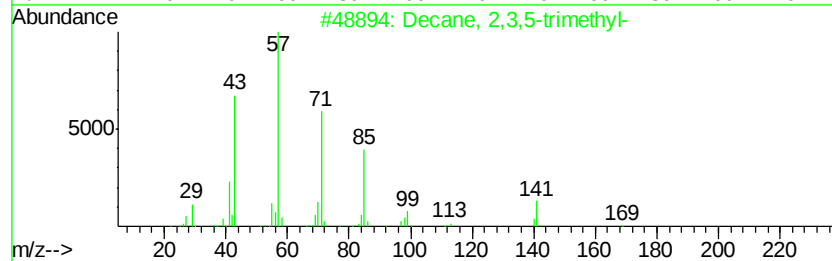
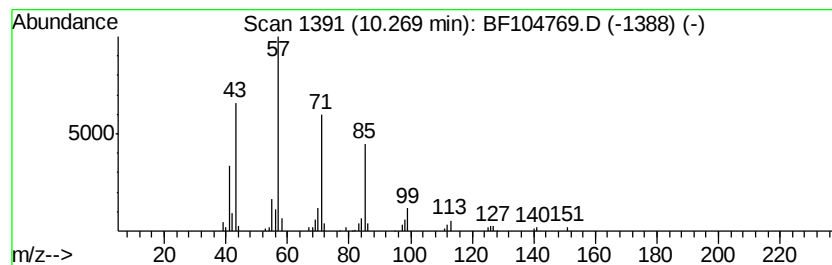
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.10 ng	87756	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Hexadecane	226	C16H34	000544-76-3	78
4		Heptadecane	240	C17H36	000629-78-7	78
5		Tridecane	184	C13H28	000629-50-5	59



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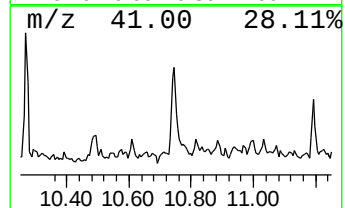
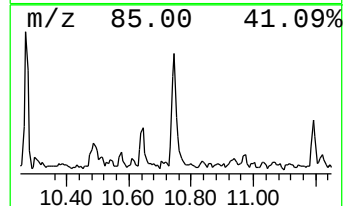
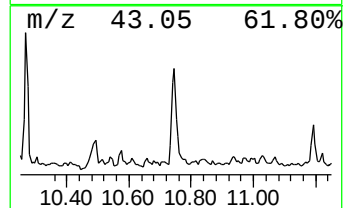
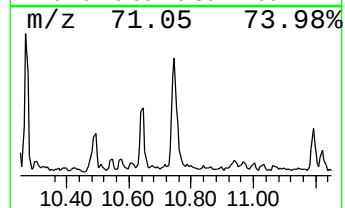
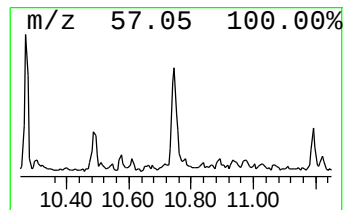
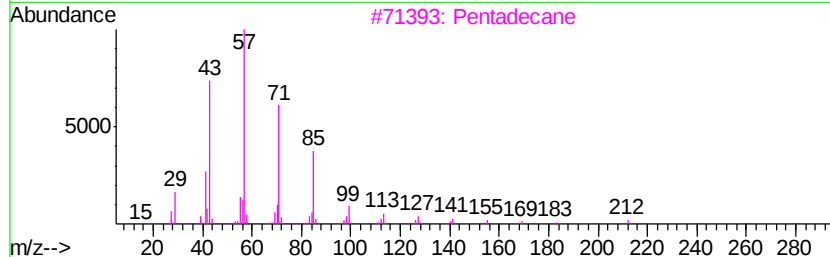
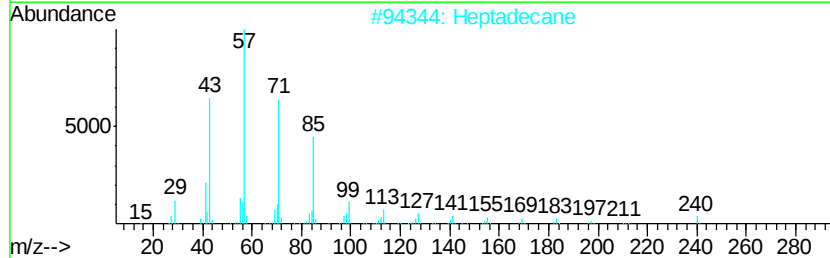
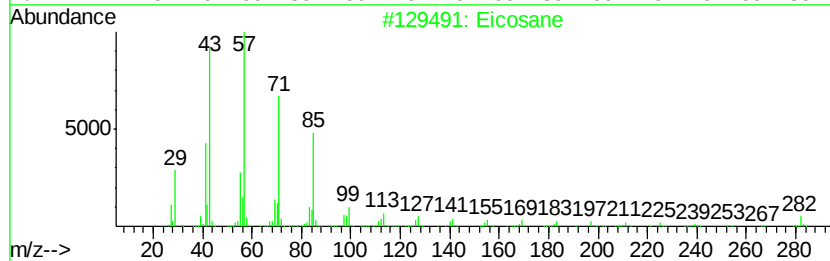
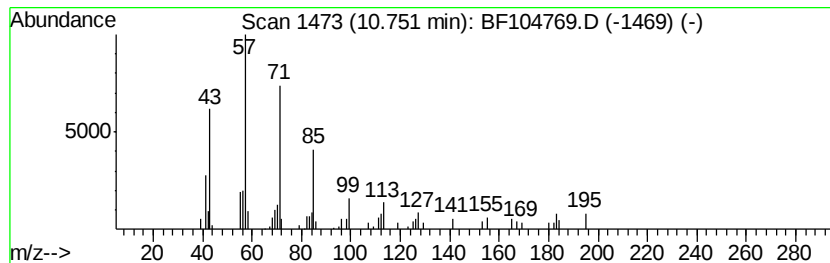
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.75	3.35 ng	123543	Phenanthrene-d10		11.34	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	86
2	Heptadecane		240	C17H36	000629-78-7	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Hexadecane		226	C16H34	000544-76-3	86
5	Tritetracontane		605	C43H88	007098-21-7	86



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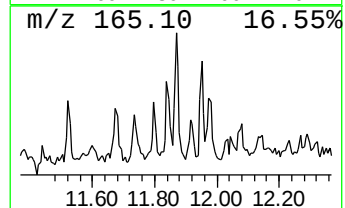
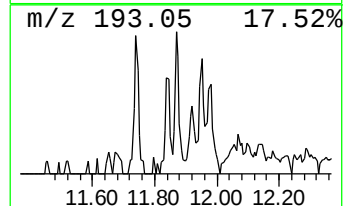
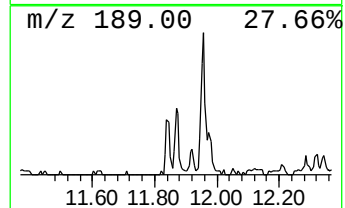
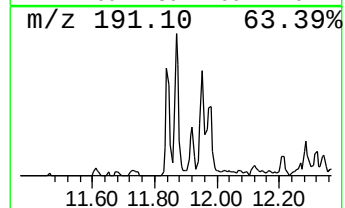
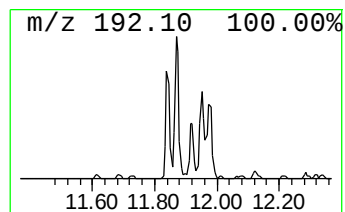
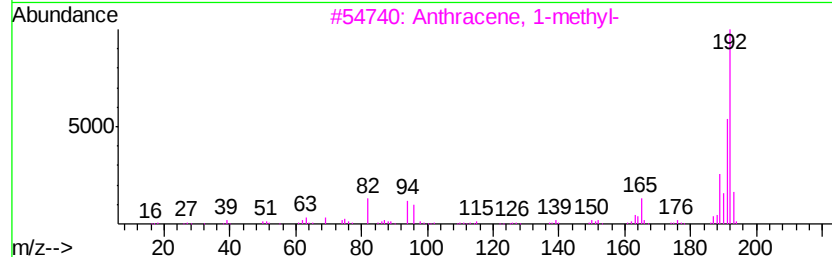
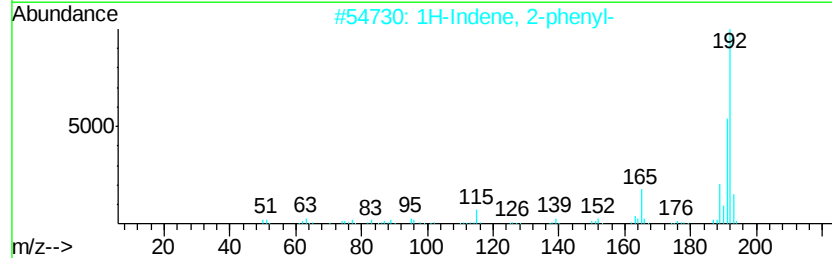
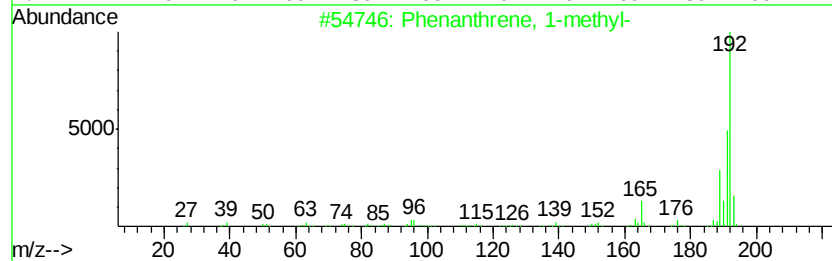
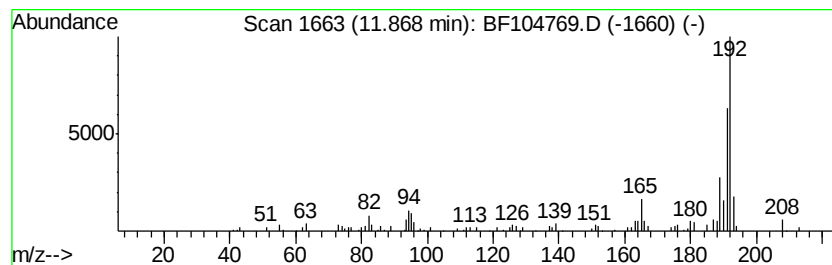
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.77 ng	102100	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104769.D
Acq On : 24 Apr 2018 21:01
Operator : JU/SJ
Sample : J2508-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

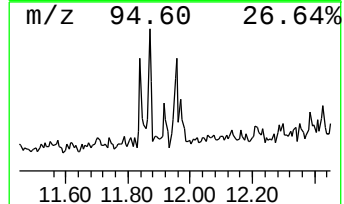
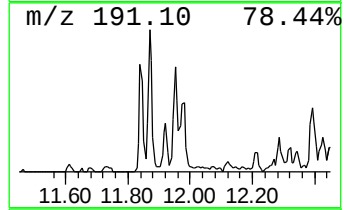
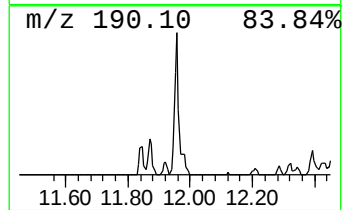
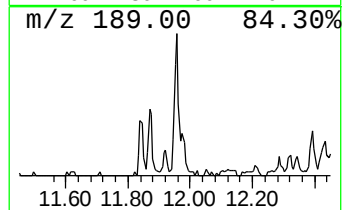
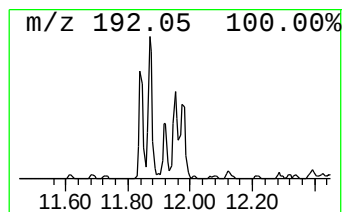
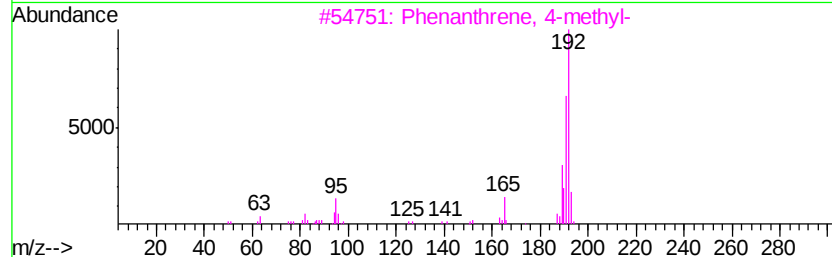
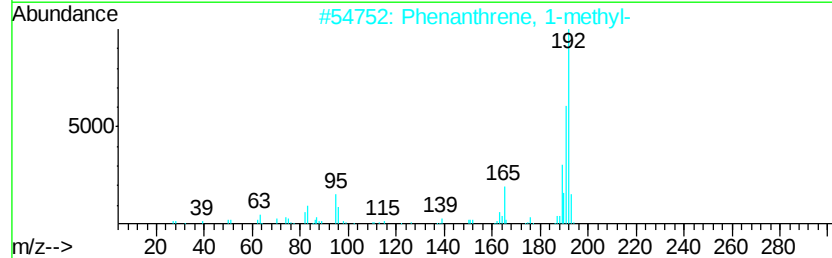
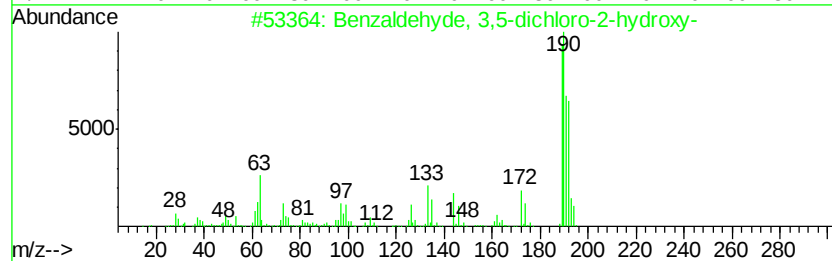
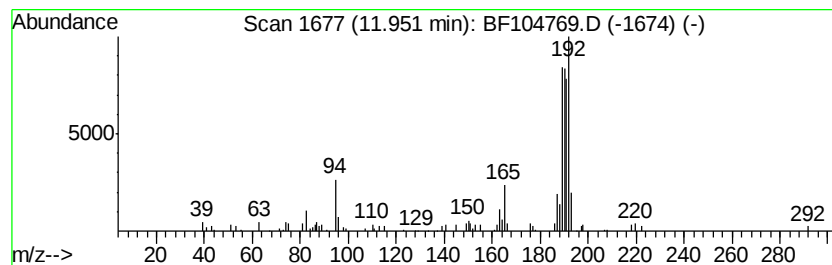
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.95	2.18 ng	80515	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
Data File : BF104769.D
Acq On : 24 Apr 2018 21:01
Operator : JU/SJ
Sample : J2508-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

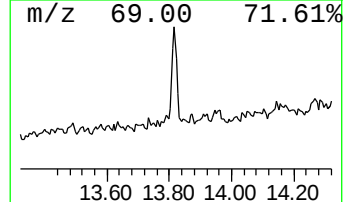
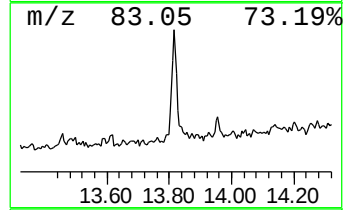
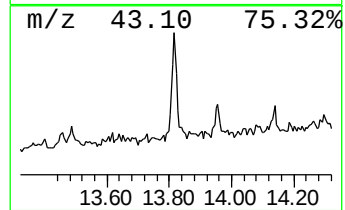
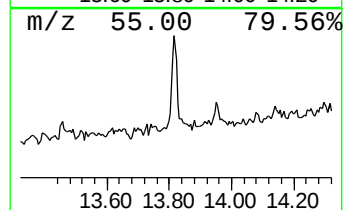
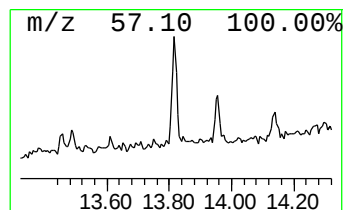
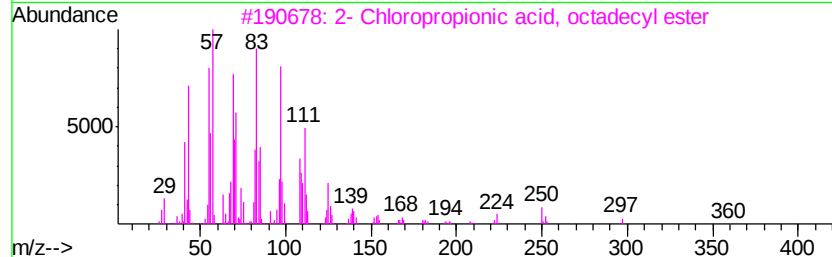
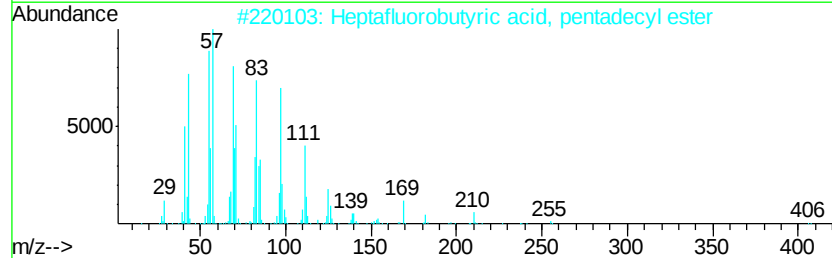
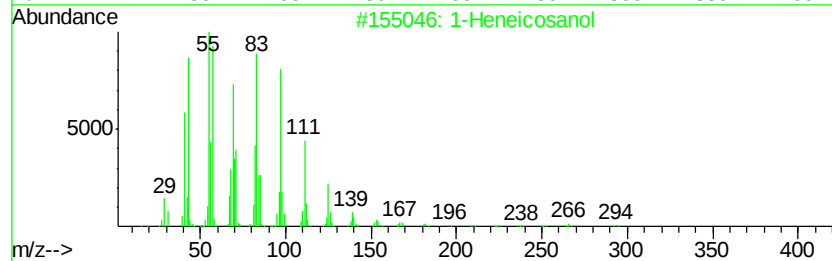
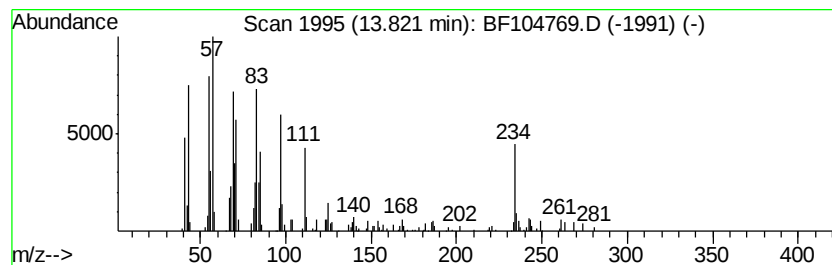
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	3.82 ng	179532	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptafluorobutyric acid, pentadec...	424	C19H31F7O2	959261-23-5	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
Data File : BF104769.D
Acq On : 24 Apr 2018 21:01
Operator : JU/SJ
Sample : J2508-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-4

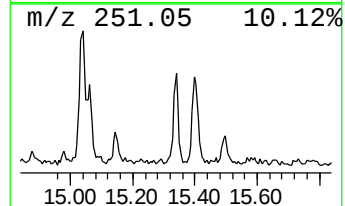
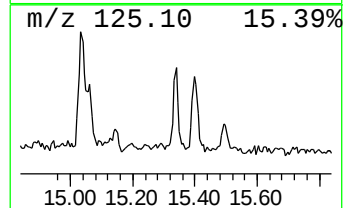
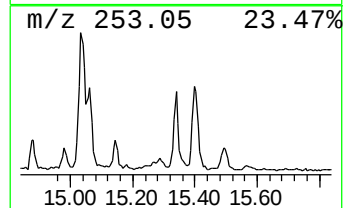
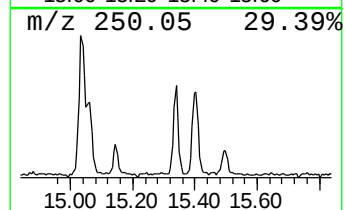
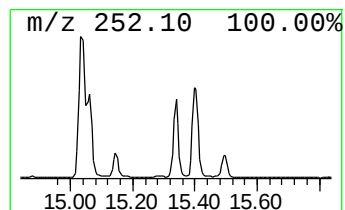
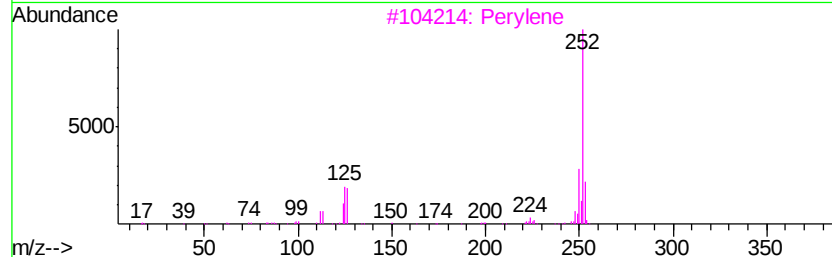
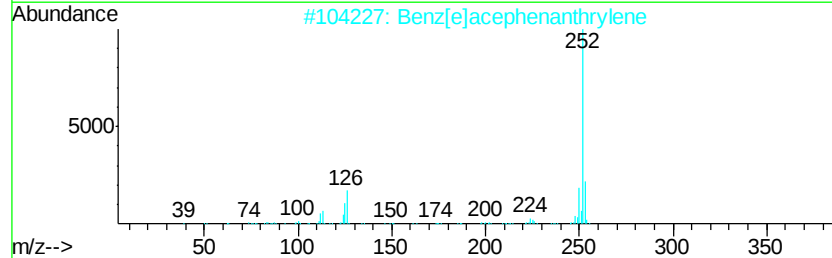
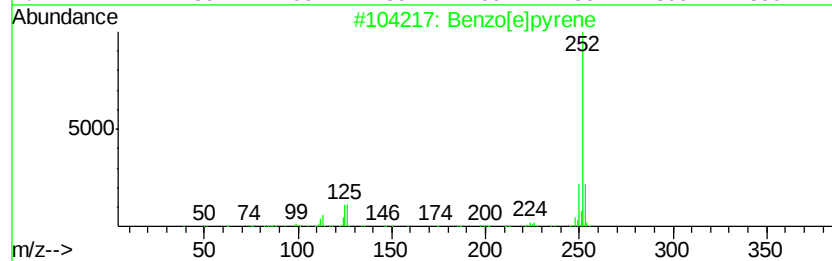
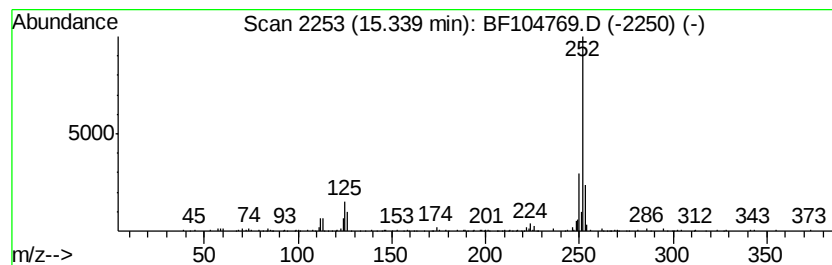
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.93 ng	125625	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3		Perylene	252	C20H12	000198-55-0	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Benzo[a]pyrene	252	C20H12	000050-32-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
Data File : BF104769.D
Acq On : 24 Apr 2018 21:01
Operator : JU/SJ
Sample : J2508-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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
2-Pentanone, 4-hy...	5.02	4.6 ng		141669	1	6.81	617182	20.0
unknown6.59	6.59	77.4 ng		2389100	1	6.81	617182	20.0
Decane, 2,3,5-tri...	10.27	2.1 ng		87756	3	9.85	836053	20.0
Eicosane	10.75	3.4 ng		123543	4	11.34	737990	20.0
Phenanthrene, 1-m...	11.87	2.8 ng		102100	4	11.34	737990	20.0
Benzaldehyde, 3,5...	11.95	2.2 ng		80515	4	11.34	737990	20.0
1-Heneicosanol	13.82	3.8 ng		179532	5	13.99	941064	20.0
Benzo[e]pyrene	15.34	5.9 ng		125625	6	15.46	423919	20.0