

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111000.D
 Acq On : 27 Nov 2018 10:53
 Operator : JU/SJ
 Sample : J6028-04 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	15	19	30	rVB	45387	70661	8.25%	0.554%
2	5.169	521	524	532	rBV	18739	30966	3.62%	0.243%
3	5.557	587	590	621	rBV	618404	789101	92.15%	6.184%
4	6.563	758	761	782	rBV	643264	843483	98.50%	6.610%
5	6.710	782	786	797	rVB	865903	856298	100.00%	6.711%
6	6.939	821	825	833	rBV	339469	335756	39.21%	2.631%
7	7.092	847	851	867	rBV	631266	596959	69.71%	4.678%
8	7.504	918	921	941	rBV	411110	514015	60.03%	4.028%
9	8.222	1039	1043	1062	rBV	345000	398038	46.48%	3.119%
10	9.292	1221	1225	1233	rBV	774343	687043	80.23%	5.384%
11	9.692	1291	1293	1297	rVB	21751	19550	2.28%	0.153%
12	9.980	1338	1342	1346	rBV	401823	364879	42.61%	2.860%
13	10.010	1346	1347	1354	rVB	40627	40028	4.67%	0.314%
14	10.198	1376	1379	1382	rVB	10020	10064	1.18%	0.079%
15	10.386	1405	1411	1413	rBV	13688	10632	1.24%	0.083%
16	10.533	1433	1436	1443	rVB	30764	32362	3.78%	0.254%
17	10.692	1460	1463	1466	rVB	9657	9649	1.13%	0.076%
18	10.775	1474	1477	1484	rBV	355624	389491	45.49%	3.052%
19	11.298	1563	1566	1574	rBV4	10069	19123	2.23%	0.150%
20	11.380	1577	1580	1582	rBV	15331	13099	1.53%	0.103%
21	11.474	1593	1596	1599	rBV	347322	359278	41.96%	2.816%
22	11.504	1599	1601	1607	rVV	383810	332216	38.80%	2.604%
23	11.557	1607	1610	1618	rVB	114882	112784	13.17%	0.884%
24	11.727	1635	1639	1644	rBV3	14550	21950	2.56%	0.172%
25	11.892	1663	1667	1672	rBV6	4988	11178	1.31%	0.088%
26	11.980	1678	1682	1685	rBV2	108810	120687	14.09%	0.946%
27	12.010	1685	1687	1692	rVV2	60822	67455	7.88%	0.529%
28	12.063	1693	1696	1698	rVV	24705	25583	2.99%	0.200%
29	12.098	1698	1702	1704	rVV	79500	86263	10.07%	0.676%
30	12.116	1704	1705	1712	rVB2	29108	29507	3.45%	0.231%
31	12.274	1729	1732	1738	rBV	38983	34378	4.01%	0.269%
32	12.327	1738	1741	1748	rVB2	25552	33838	3.95%	0.265%
33	12.486	1765	1768	1772	rBV5	7806	9889	1.15%	0.077%
34	12.527	1772	1775	1778	rBV	27845	26863	3.14%	0.211%

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35	12.633	1791	1793	1796	rVB	30816	27995	3.27%	0.219%
36	12.698	1800	1804	1808	rBV	723339	670560	78.31%	5.255%
37	12.763	1812	1815	1821	rBV3	61132	83710	9.78%	0.656%
38	12.851	1827	1830	1837	rBV2	35931	50630	5.91%	0.397%
39	12.910	1837	1840	1841	rVV	123097	113173	13.22%	0.887%
40	12.933	1841	1844	1849	rVV	619296	558051	65.17%	4.373%
41	12.980	1849	1852	1855	rVB2	25087	25560	2.98%	0.200%
42	13.057	1861	1865	1870	rBV	727326	610861	71.34%	4.787%
43	13.104	1870	1873	1876	rBV	24808	26508	3.10%	0.208%
44	13.145	1876	1880	1886	rVB2	34381	55418	6.47%	0.434%
45	13.192	1886	1888	1890	rBV2	13774	10978	1.28%	0.086%
46	13.257	1897	1899	1904	rVB	69775	69911	8.16%	0.548%
47	13.327	1908	1911	1913	rBV	40111	35702	4.17%	0.280%
48	13.368	1913	1918	1924	rBV3	37622	60179	7.03%	0.472%
49	13.416	1924	1926	1930	rVB4	13808	13824	1.61%	0.108%
50	13.457	1930	1933	1936	rBV	29053	36884	4.31%	0.289%
51	13.486	1936	1938	1941	rBV	31354	30184	3.52%	0.237%
52	13.604	1955	1958	1960	rVB2	23570	22807	2.66%	0.179%
53	13.663	1966	1968	1970	rBV3	16438	12354	1.44%	0.097%
54	13.780	1986	1988	1992	rVB	34920	28950	3.38%	0.227%
55	13.886	2003	2006	2008	rBV2	53058	57658	6.73%	0.452%
56	13.904	2008	2009	2011	rVV	59287	41474	4.84%	0.325%
57	13.933	2011	2014	2020	rVV3	77820	130420	15.23%	1.022%
58	13.992	2022	2024	2029	rVB	56184	58789	6.87%	0.461%
59	14.133	2041	2048	2051	rBV2	519932	792883	92.59%	6.214%
60	14.163	2051	2053	2059	rVB	262854	240176	28.05%	1.882%
61	14.245	2064	2067	2071	rVV	95982	90449	10.56%	0.709%
62	14.551	2117	2119	2124	rVB2	67016	65492	7.65%	0.513%
63	14.868	2170	2173	2177	rBV	105259	119486	13.95%	0.936%
64	15.221	2229	2233	2243	rVB	280925	528753	61.75%	4.144%
65	15.545	2285	2288	2294	rVB	75992	113492	13.25%	0.889%
66	15.615	2296	2300	2306	rVB	234076	325016	37.96%	2.547%
67	15.674	2307	2310	2314	rBV	175270	223076	26.05%	1.748%
68	16.068	2373	2377	2383	rVB2	74387	125630	14.67%	0.985%

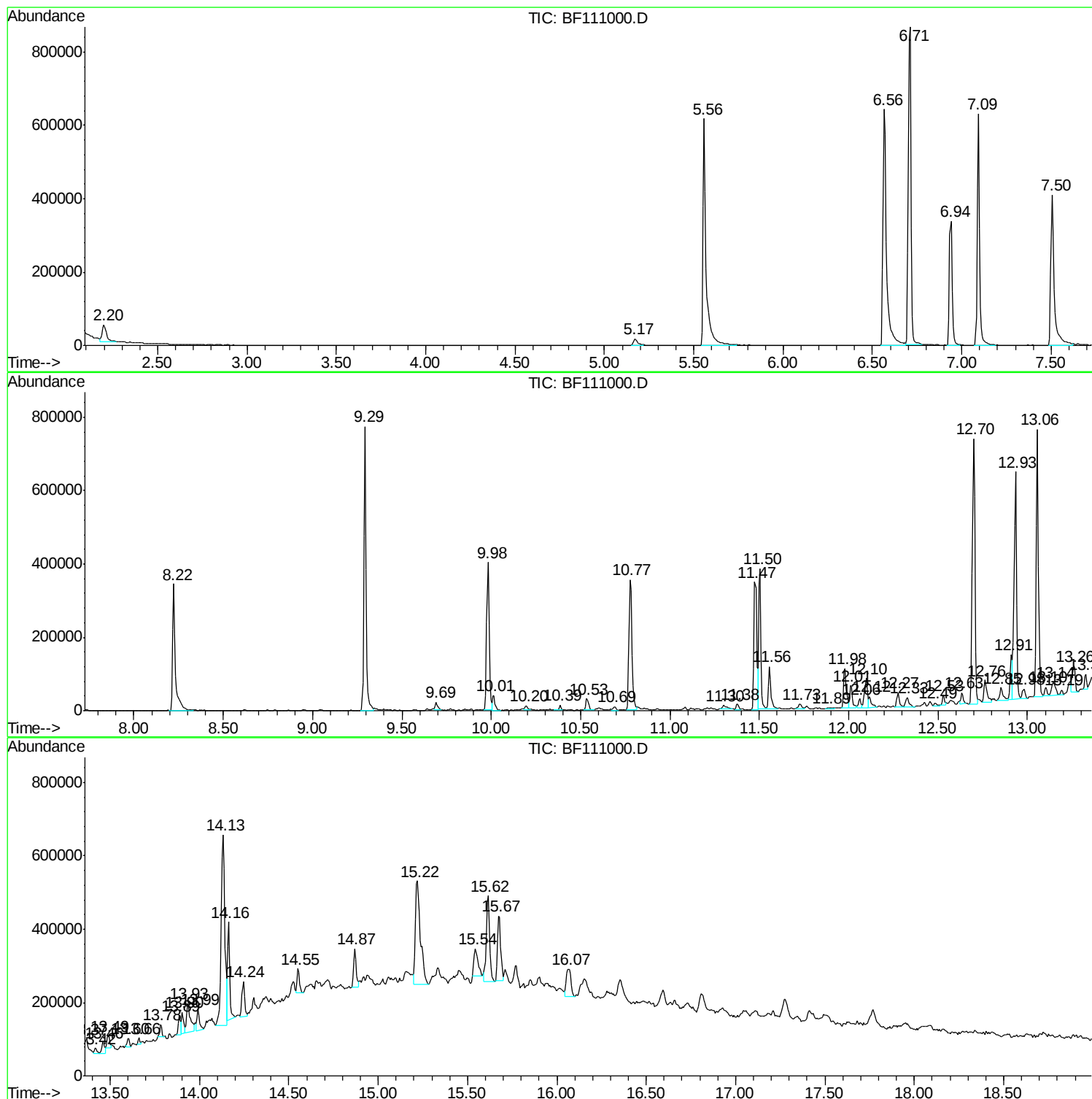
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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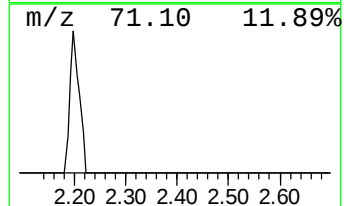
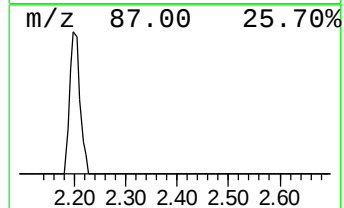
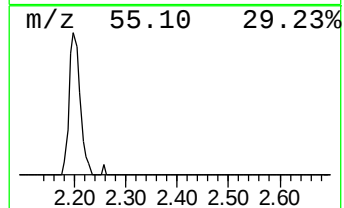
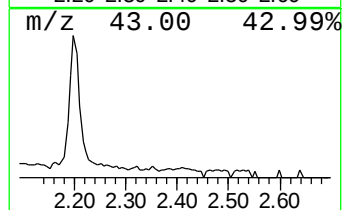
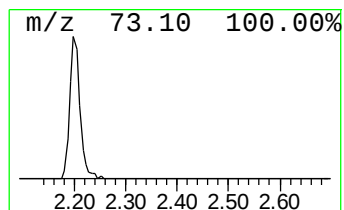
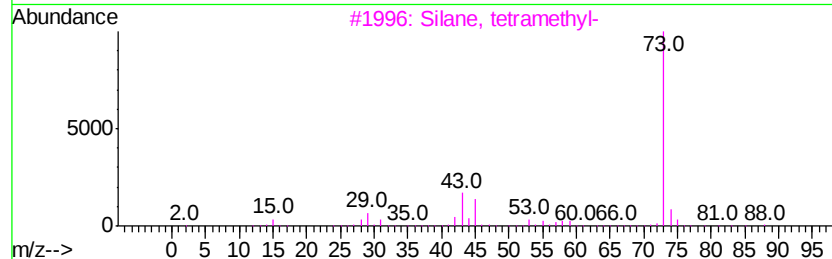
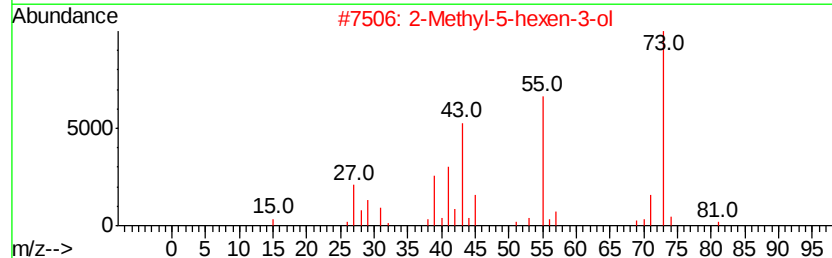
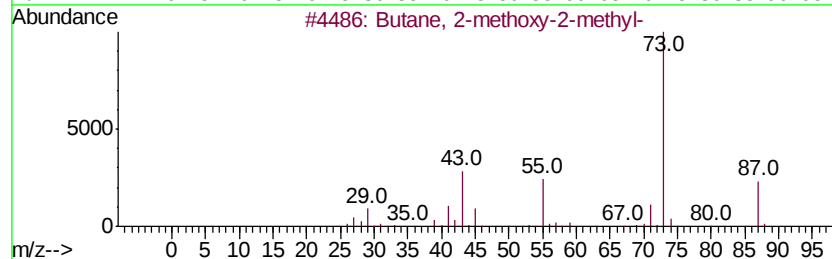
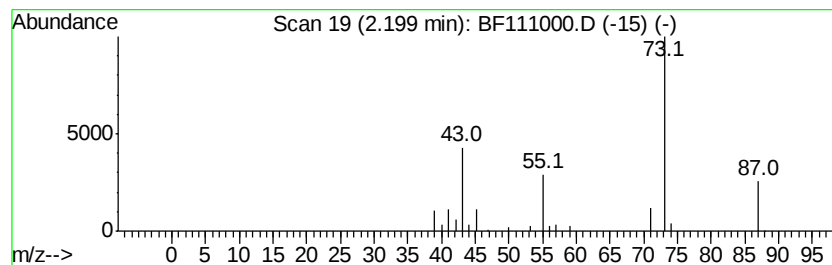
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	4.21 ng	70661	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7



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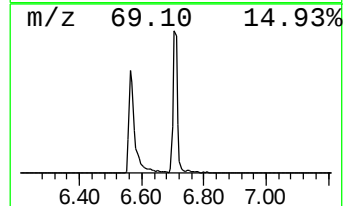
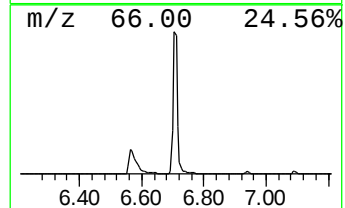
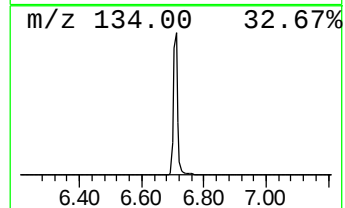
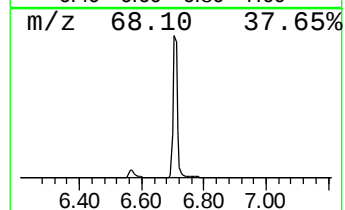
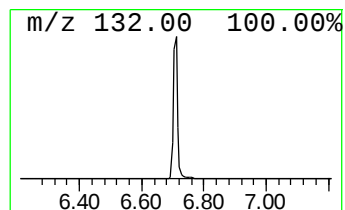
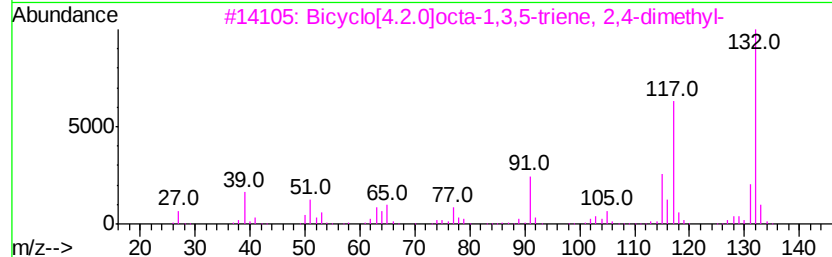
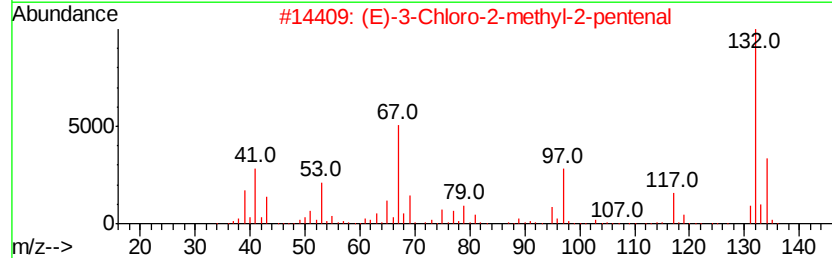
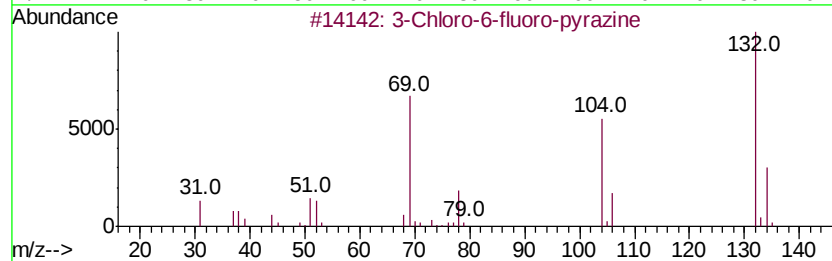
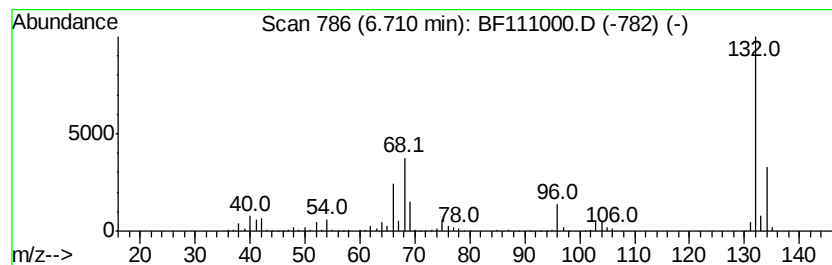
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	51.01 ng	856298	1,4-Dichlorobenzene-d4	6.94

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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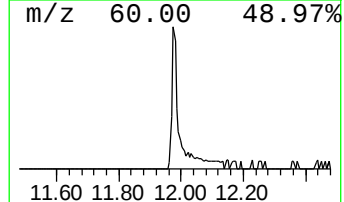
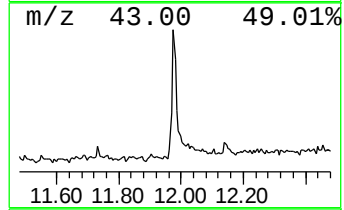
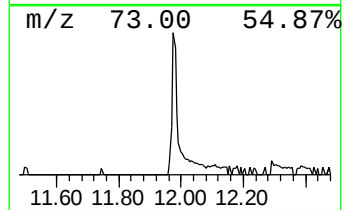
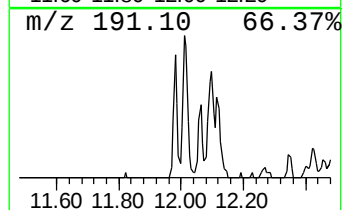
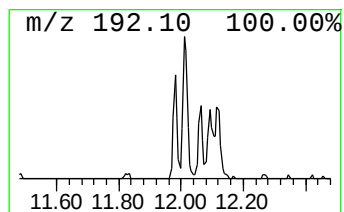
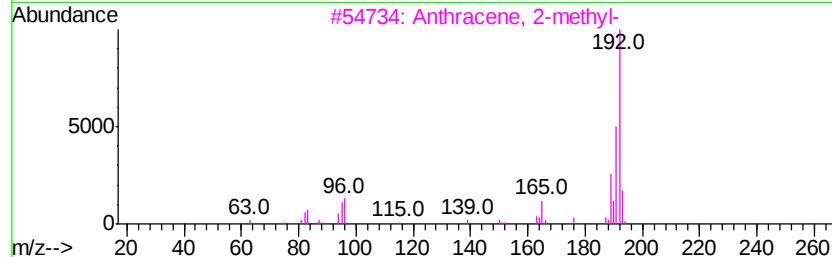
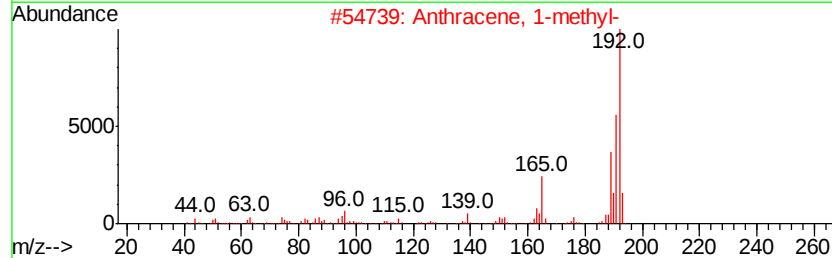
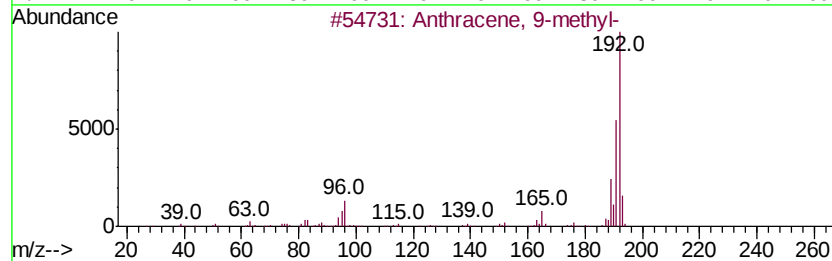
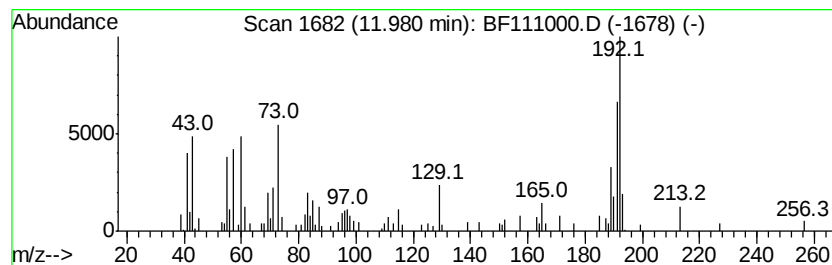
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.72 ng	120687	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78



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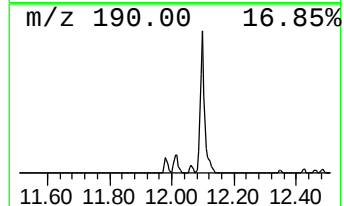
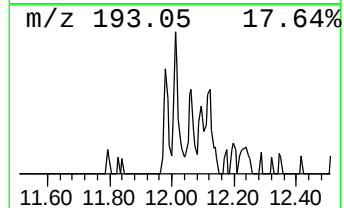
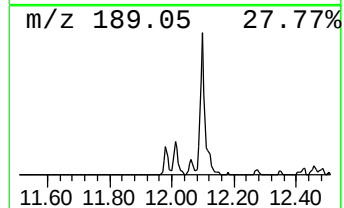
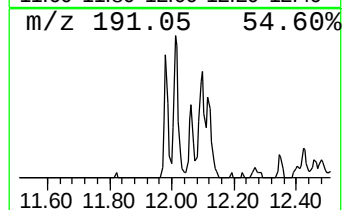
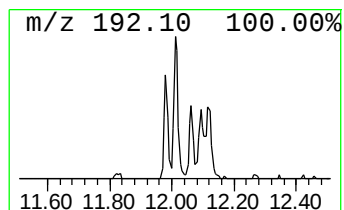
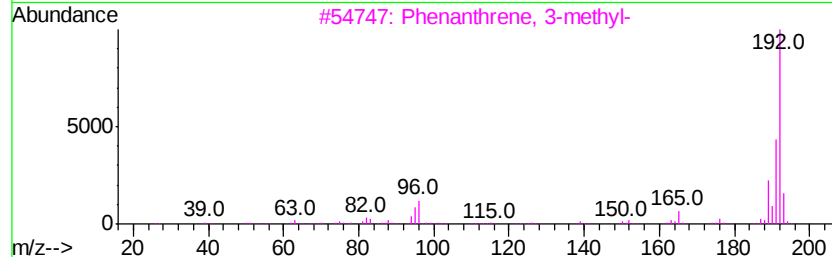
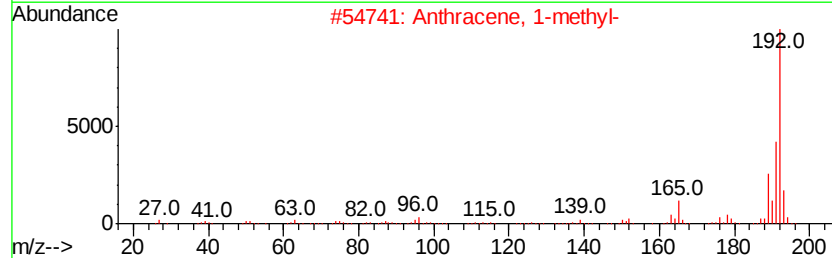
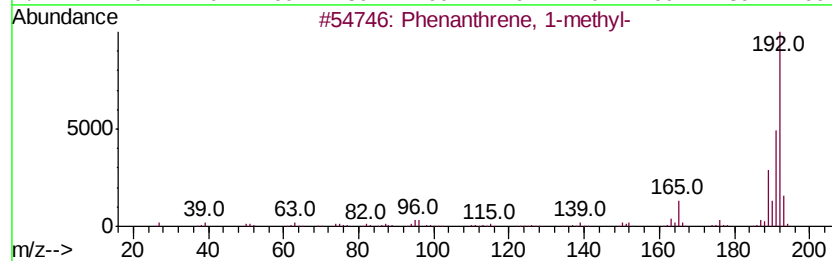
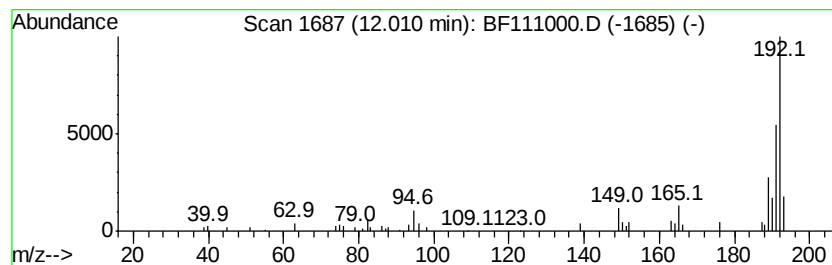
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Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.76 ng	67455	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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ALS Vial : 5 Sample Multiplier: 1

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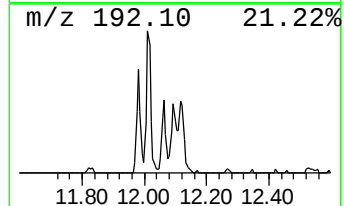
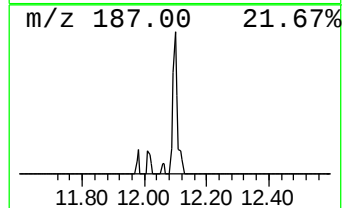
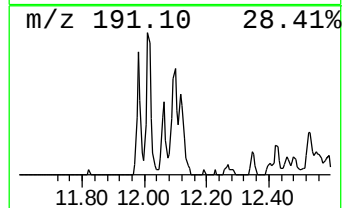
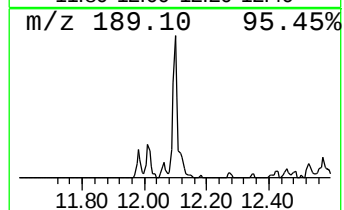
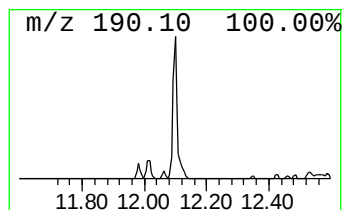
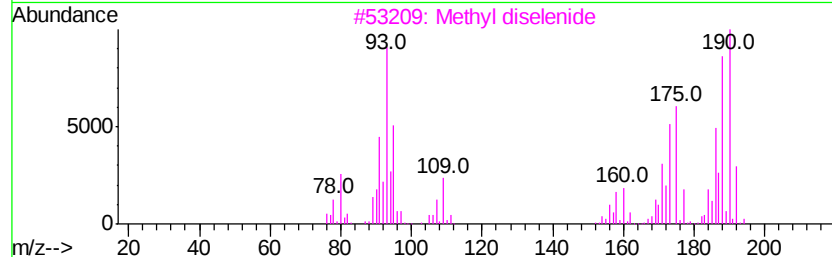
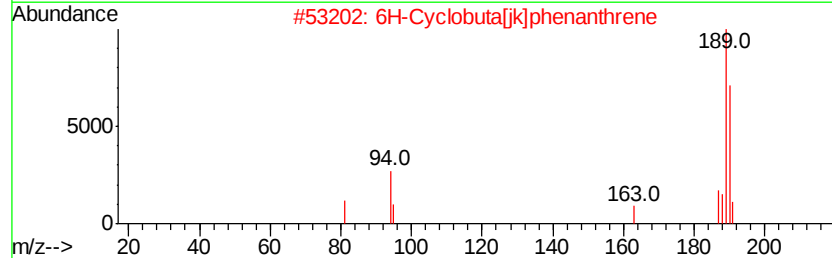
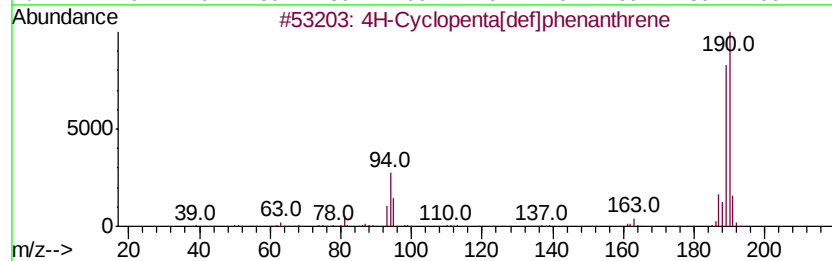
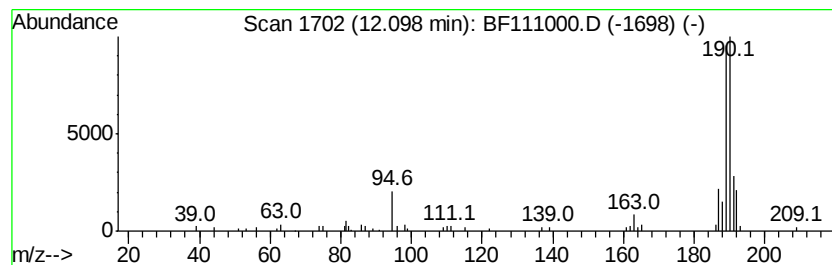
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.80 ng	86263	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		Methyl diselenide	190	C2H6Se2	007101-31-7	55
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
Operator : JU/SJ
Sample : J6028-04 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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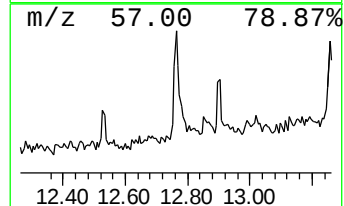
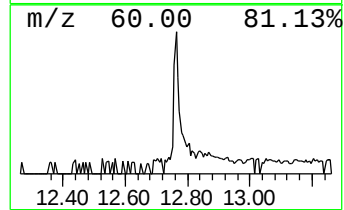
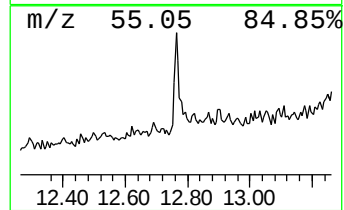
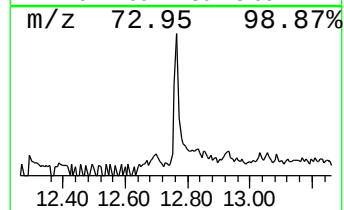
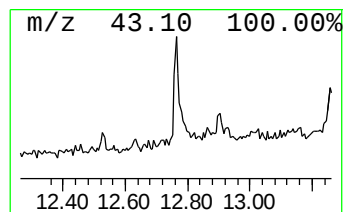
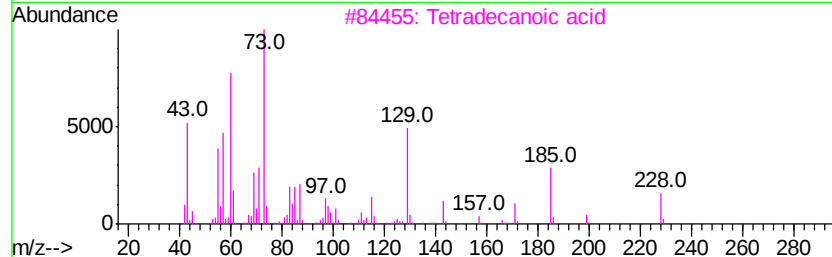
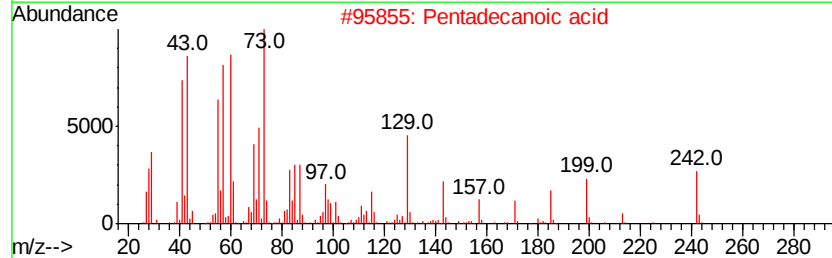
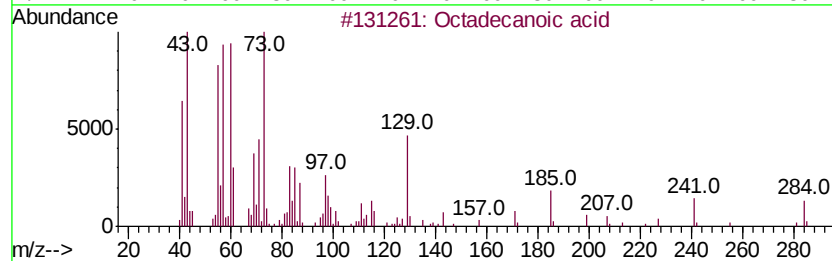
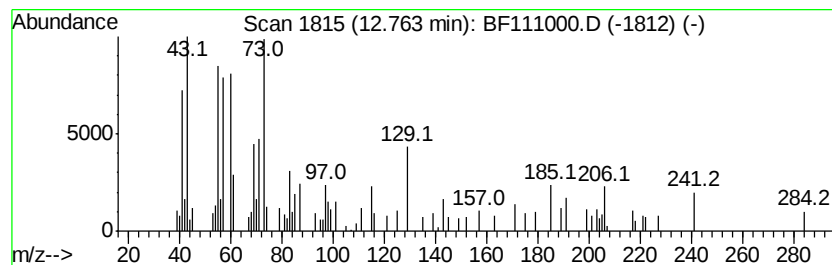
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.66 ng	83710	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
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Operator : JU/SJ
Sample : J6028-04 2X
Misc :
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Instrument :
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ClientSampleId :
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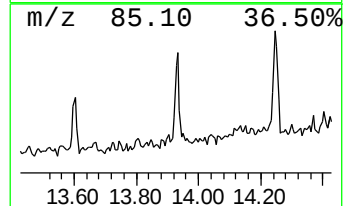
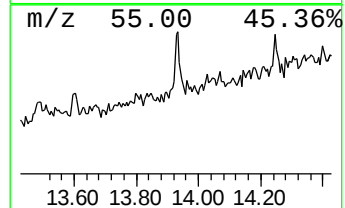
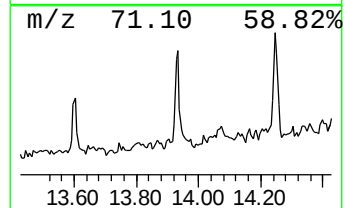
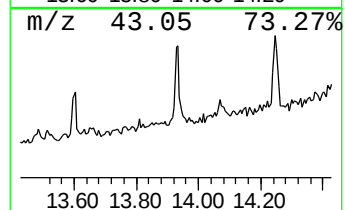
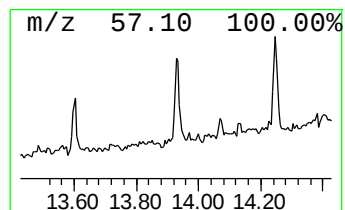
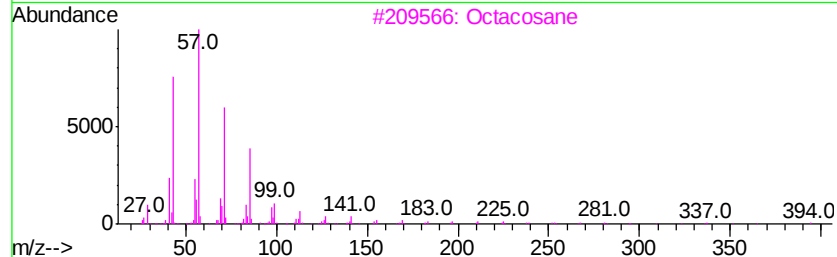
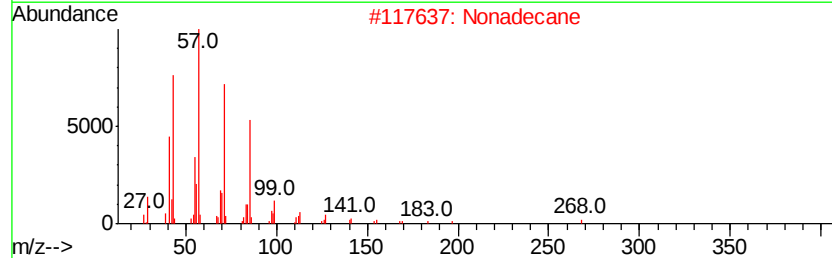
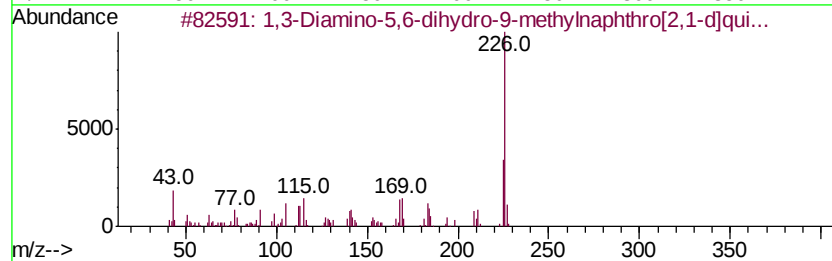
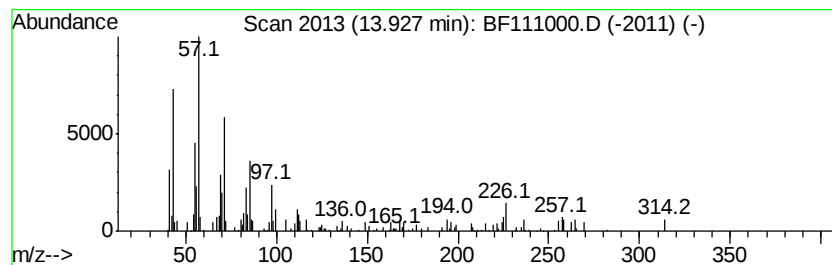
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown13.93 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.29 ng	130420	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	38
2		Nonadecane	268	C19H40	000629-92-5	18
3		Octacosane	394	C28H58	000630-02-4	18
4		Tetradecane	198	C14H30	000629-59-4	18
5		Hexadecane	226	C16H34	000544-76-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
Operator : JU/SJ
Sample : J6028-04 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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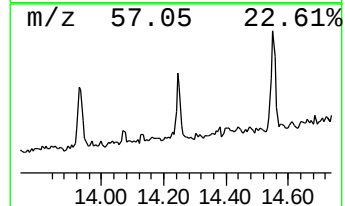
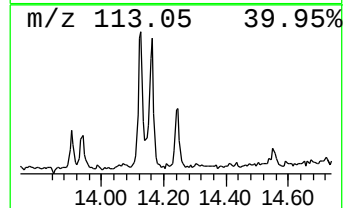
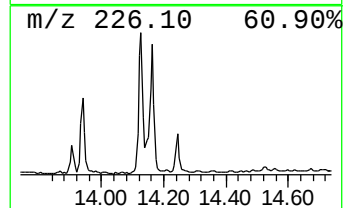
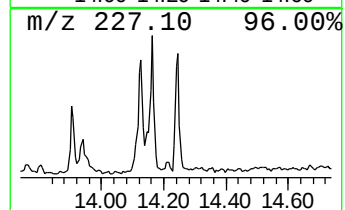
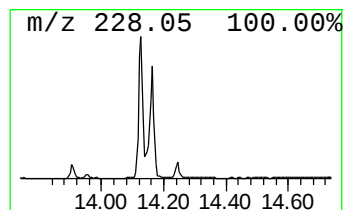
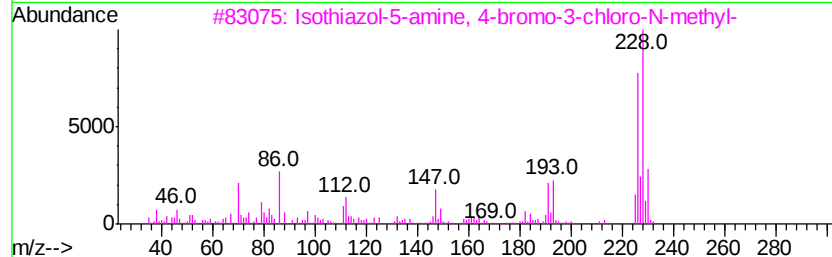
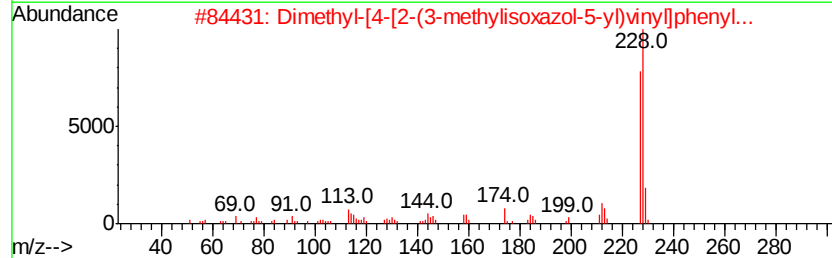
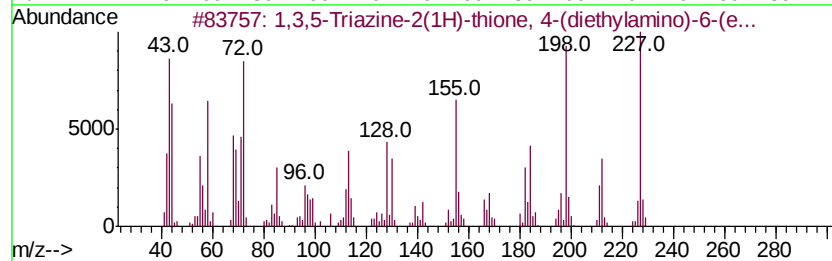
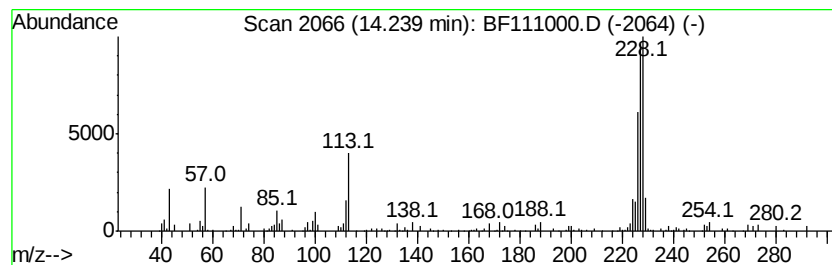
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,3,5-Triazine-2(1H)-thione... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.28 ng	90449	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	89
2		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
3		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
4		Naphtho[2,3-d]pyrazole-4,9(4H,9H...	227	C12H9N3O2	1000263-96-1	43
5		Benzo[c]phenanthrene	228	C18H12	000195-19-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
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ClientSampleId :
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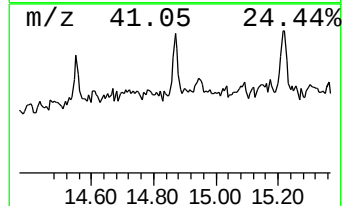
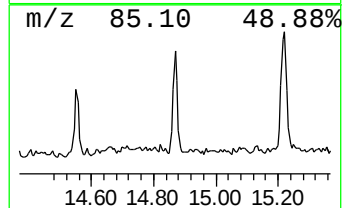
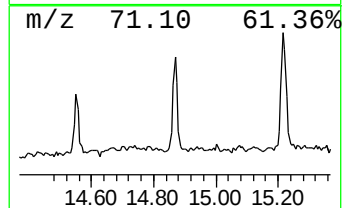
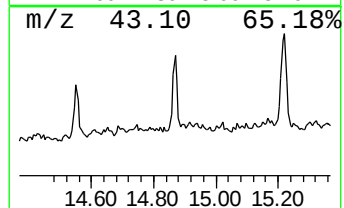
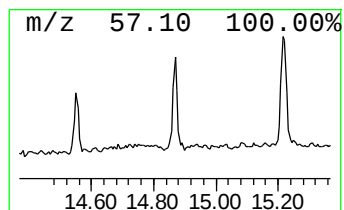
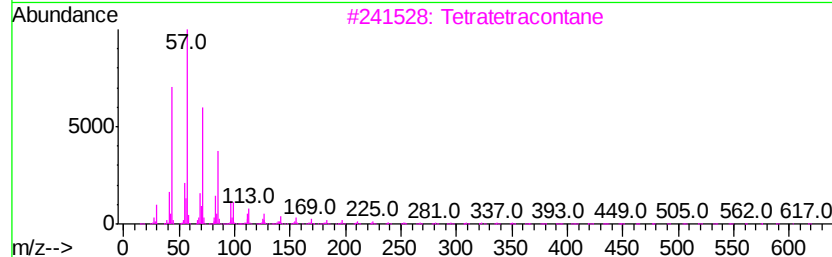
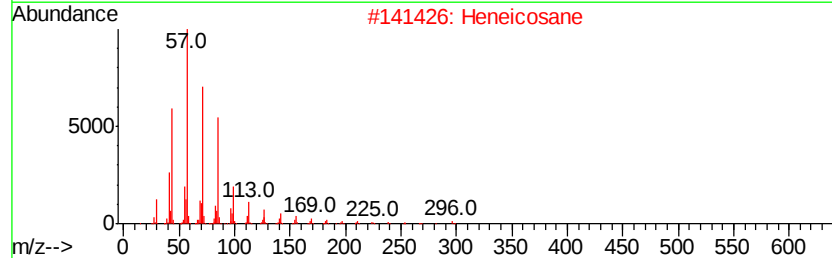
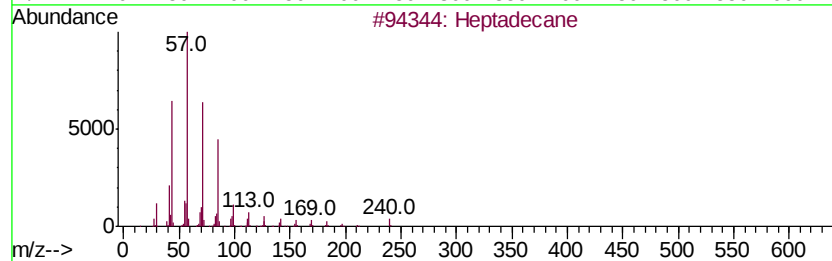
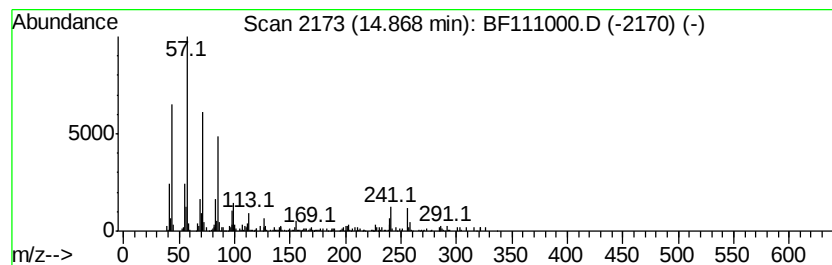
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.01 ng	119486	Chrysene-d12	14.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	89
2			Heneicosane	296	C21H44	000629-94-7	74
3			Tetratetracontane	619	C44H90	007098-22-8	72
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5			Docosane	310	C22H46	000629-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
Operator : JU/SJ
Sample : J6028-04 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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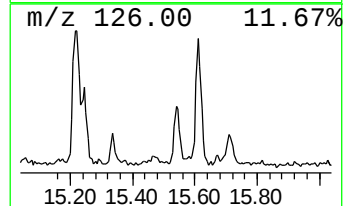
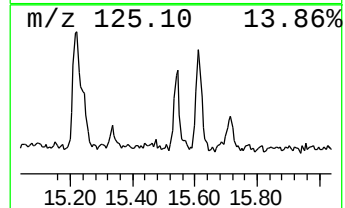
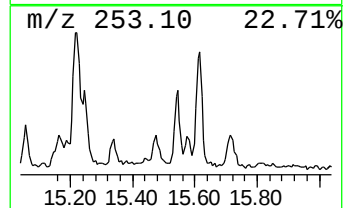
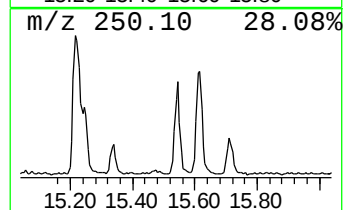
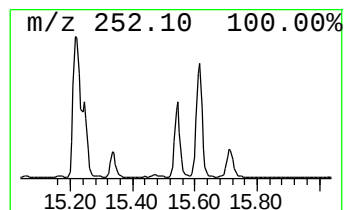
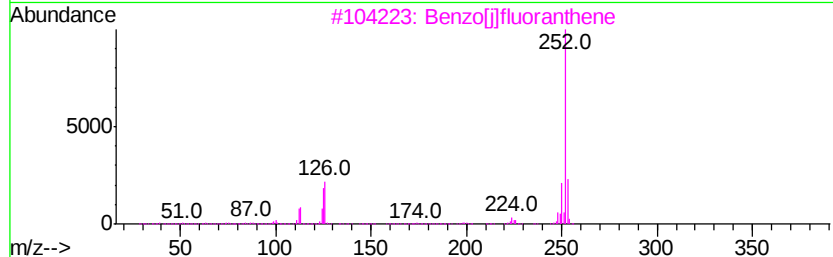
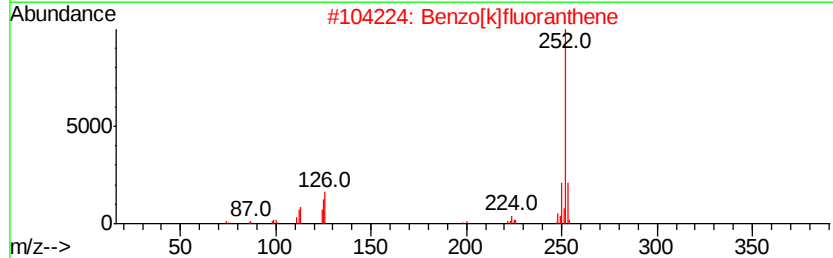
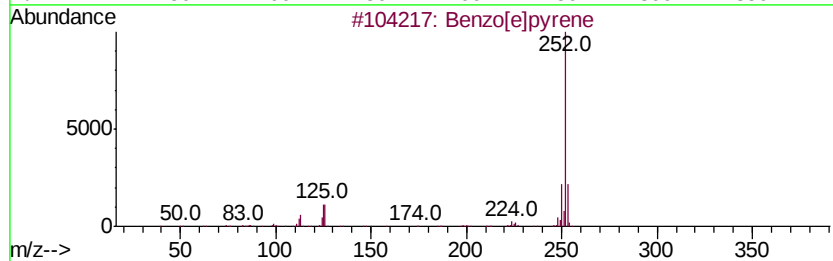
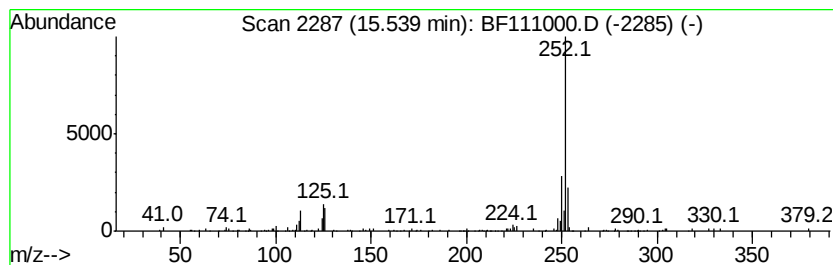
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	10.18 ng	113492	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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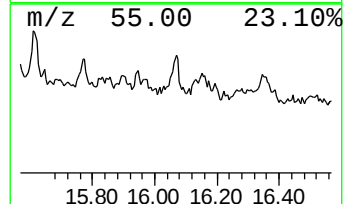
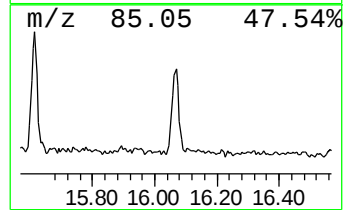
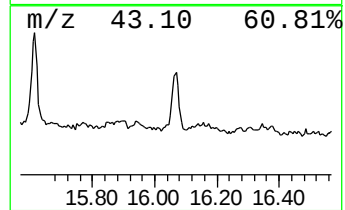
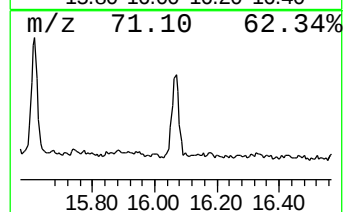
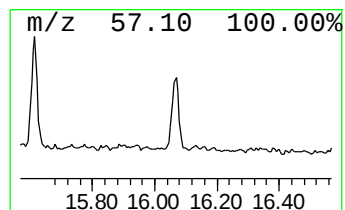
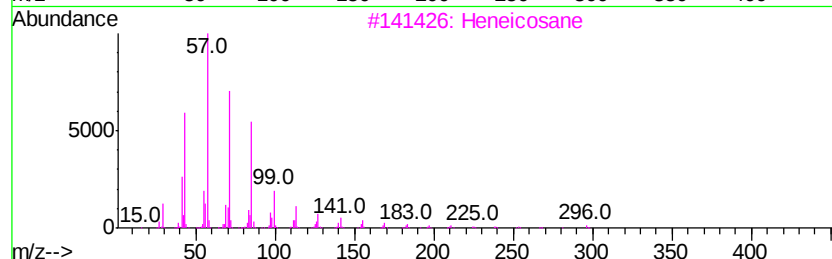
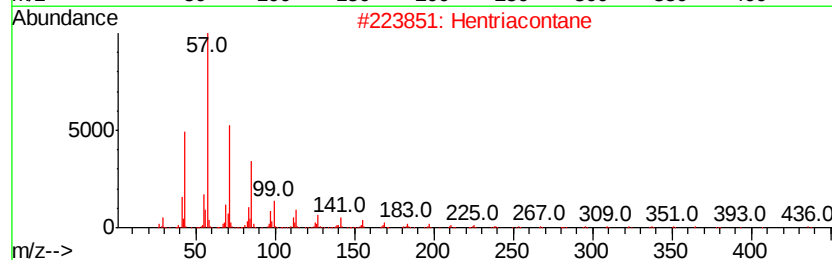
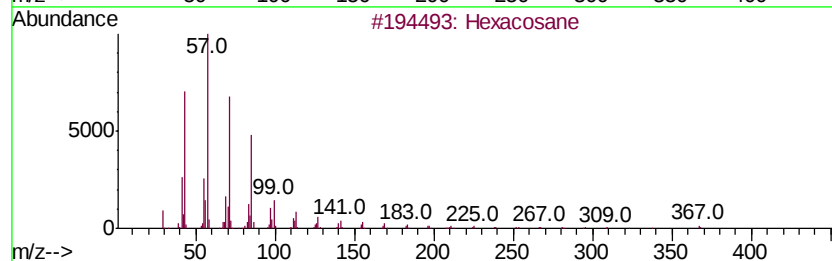
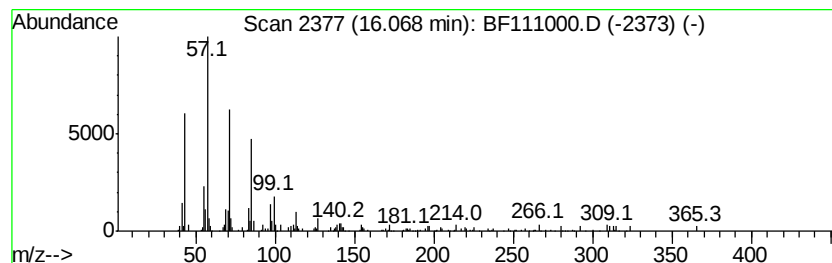
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	11.26 ng	125630	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Hentriacontane	437	C31H64	000630-04-6	86
3		Heneicosane	296	C21H44	000629-94-7	80
4		Tetracosane	338	C24H50	000646-31-1	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111000.D
Acq On : 27 Nov 2018 10:53
Operator : JU/SJ
Sample : J6028-04 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
Butane, 2-methoxy...	2.20	4.2	ng	70661	1	6.94	335756	20.0
unknown6.71	6.71	51.0	ng	856298	1	6.94	335756	20.0
Anthracene, 9-met...	11.98	6.7	ng	120687	4	11.47	359278	20.0
Phenanthrene, 1-m...	12.01	3.8	ng	67455	4	11.47	359278	20.0
4H-Cyclopenta[def...	12.10	4.8	ng	86263	4	11.47	359278	20.0
Octadecanoic acid	12.76	4.7	ng	83710	4	11.47	359278	20.0
unknown13.93	13.93	3.3	ng	130420	5	14.13	792883	20.0
1,3,5-Triazine-2(...	14.24	2.3	ng	90449	5	14.13	792883	20.0
Heptadecane	14.87	3.0	ng	119486	5	14.13	792883	20.0
Benzo[e]pyrene	15.54	10.2	ng	113492	6	15.67	223076	20.0
Hexacosane	16.07	11.3	ng	125630	6	15.67	223076	20.0