

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110168.D
 Acq On : 25 Oct 2018 18:50
 Operator : JU/SJ
 Sample : J5636-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-C

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-BF102318.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	2.357	39	46	55	rVB	615981	864408	17.10%	1.703%
2	5.228	530	534	545	rVB	163405	244786	4.84%	0.482%
3	5.598	591	597	600	rBV	4248300	4538588	89.79%	8.942%
4	6.592	759	766	770	rBV2	3871667	5054731	100.00%	9.959%
5	6.739	785	791	794	rBV	4572161	4780430	94.57%	9.419%
6	6.963	825	829	833	rBV	1263135	1051433	20.80%	2.072%
7	7.122	851	856	859	rBV	3824365	3582963	70.88%	7.059%
8	7.534	919	926	929	rBV	2649108	3116785	61.66%	6.141%
9	8.245	1043	1047	1050	rBV	1437157	1429331	28.28%	2.816%
10	8.269	1050	1051	1054	rVB	246940	132122	2.61%	0.260%
11	8.957	1164	1168	1176	rVB	99502	99777	1.97%	0.197%
12	9.057	1180	1185	1189	rBV	65704	63389	1.25%	0.125%
13	9.322	1224	1230	1234	rBV	4706645	4891972	96.78%	9.638%
14	9.422	1244	1247	1252	rVB	73662	63052	1.25%	0.124%
15	9.663	1283	1288	1290	rBV	51881	54711	1.08%	0.108%
16	9.710	1293	1296	1301	rVB	427260	385131	7.62%	0.759%
17	9.869	1319	1323	1327	rBV	86859	73956	1.46%	0.146%
18	10.010	1340	1347	1350	rBV	1738143	1613813	31.93%	3.180%
19	10.039	1350	1352	1355	rVB	371298	270451	5.35%	0.533%
20	10.210	1374	1381	1384	rVB2	45494	52255	1.03%	0.103%
21	10.422	1409	1417	1420	rBV2	45414	56721	1.12%	0.112%
22	10.557	1437	1440	1444	rVB	172870	155805	3.08%	0.307%
23	10.804	1473	1482	1485	rBV	2991473	3056446	60.47%	6.022%
24	11.104	1528	1533	1535	rBV2	42720	55486	1.10%	0.109%
25	11.392	1580	1582	1586	rVB	72763	65675	1.30%	0.129%
26	11.498	1596	1600	1602	rBV	1672252	1534130	30.35%	3.023%
27	11.522	1602	1604	1608	rVV	1182779	997421	19.73%	1.965%
28	11.574	1608	1613	1616	rVV	376590	325876	6.45%	0.642%
29	12.004	1682	1686	1688	rBV2	199474	207467	4.10%	0.409%
30	12.027	1688	1690	1695	rVB2	171047	144128	2.85%	0.284%
31	12.116	1701	1705	1707	rBV2	225039	235791	4.66%	0.465%
32	12.292	1733	1735	1738	rBV	125945	116073	2.30%	0.229%
33	12.527	1772	1775	1776	rBV	67017	58176	1.15%	0.115%
34	12.545	1776	1778	1781	rVB	56649	60792	1.20%	0.120%

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35	12.716	1803	1807	1810	rBV	873556	703216	13.91%	1.385%
36	12.810	1820	1823	1826	rVB	173011	138112	2.73%	0.272%
37	12.945	1839	1846	1852	rBV	971015	953781	18.87%	1.879%
38	13.086	1865	1870	1873	rBV	3983089	3767501	74.53%	7.423%
39	13.163	1879	1883	1888	rVB2	42144	67171	1.33%	0.132%
40	13.268	1899	1901	1904	rVB	86301	78568	1.55%	0.155%
41	13.339	1910	1913	1916	rBV	89282	71245	1.41%	0.140%
42	13.380	1916	1920	1922	rBV2	60986	57489	1.14%	0.113%
43	13.504	1938	1941	1944	rBV	49809	53174	1.05%	0.105%
44	13.639	1960	1964	1967	rBV2	70677	64405	1.27%	0.127%
45	13.892	2001	2007	2010	rBV4	31422	53284	1.05%	0.105%
46	13.968	2014	2020	2030	rVB2	265912	417846	8.27%	0.823%
47	14.145	2045	2050	2053	rBV2	1115681	1283772	25.40%	2.529%
48	14.168	2053	2054	2059	rVB	239383	172449	3.41%	0.340%
49	14.286	2070	2074	2081	rVB2	109591	118136	2.34%	0.233%
50	14.592	2123	2126	2128	rBV	126799	113880	2.25%	0.224%
51	14.910	2176	2180	2184	rBV	189282	193839	3.83%	0.382%
52	15.215	2227	2232	2235	rBV	130826	218802	4.33%	0.431%
53	15.262	2237	2240	2245	rVV	228931	303450	6.00%	0.598%
54	15.327	2248	2251	2258	rVB	47879	70577	1.40%	0.139%
55	15.533	2282	2286	2293	rVB	113353	152990	3.03%	0.301%
56	15.598	2293	2297	2302	rBV	167679	220847	4.37%	0.435%
57	15.668	2303	2309	2314	rBV2	851616	1168095	23.11%	2.301%
58	16.127	2381	2387	2393	rBV	209484	331130	6.55%	0.652%
59	16.662	2473	2478	2488	rVB	113945	217977	4.31%	0.429%
60	17.221	2568	2573	2580	rVV2	54709	105875	2.09%	0.209%
61	17.298	2580	2586	2595	rVB3	52961	129066	2.55%	0.254%
62	17.698	2648	2654	2660	rVB	48957	94808	1.88%	0.187%

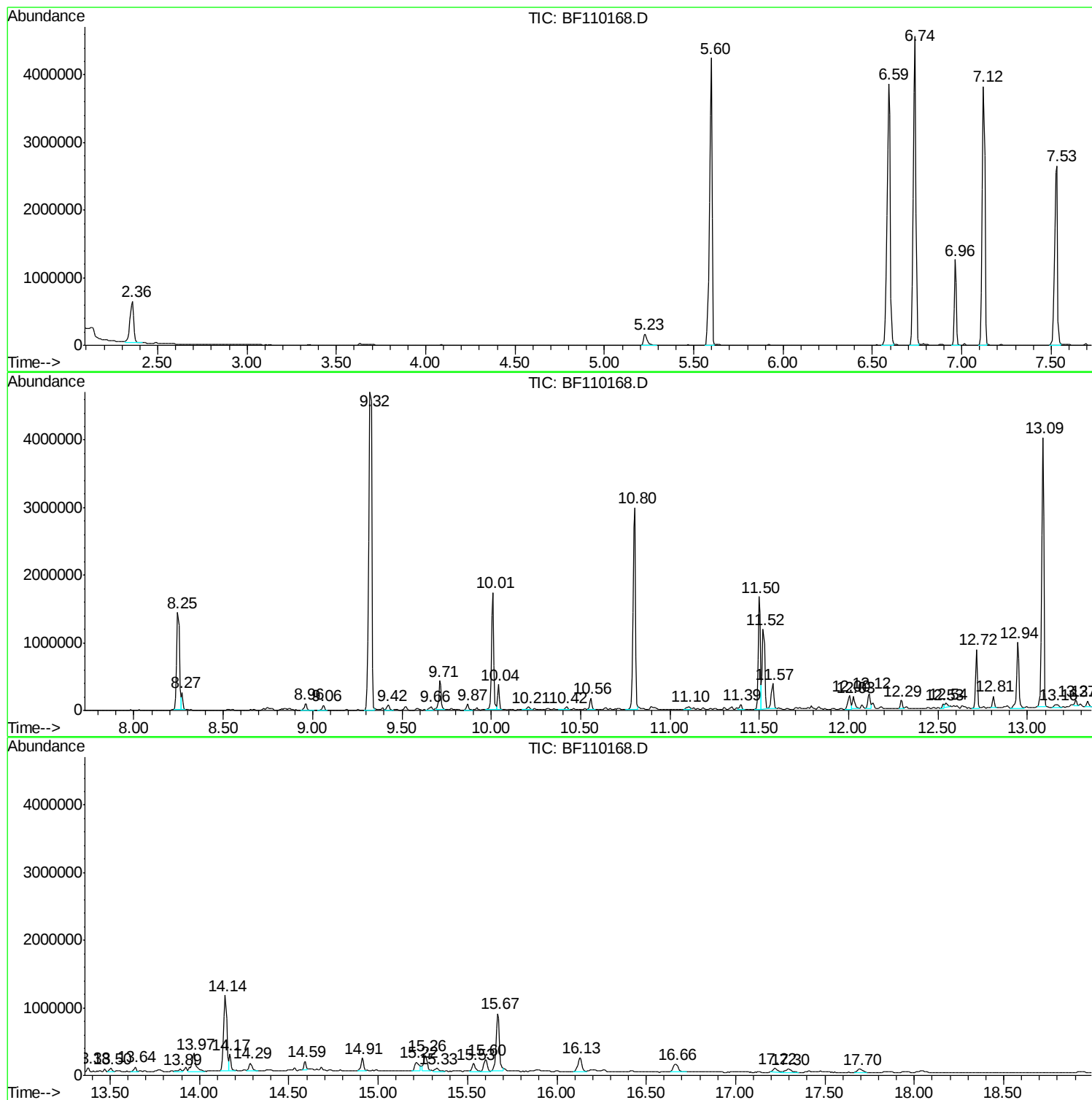
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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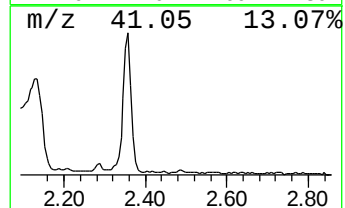
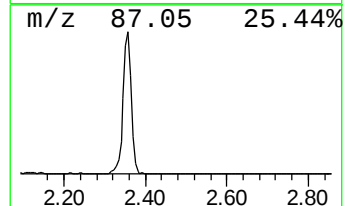
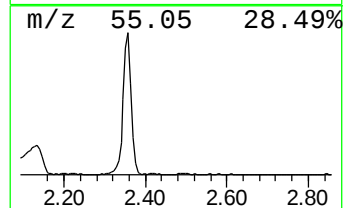
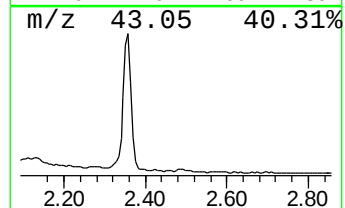
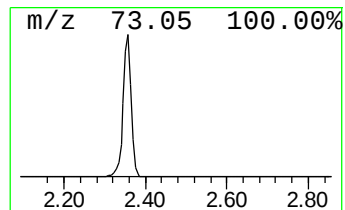
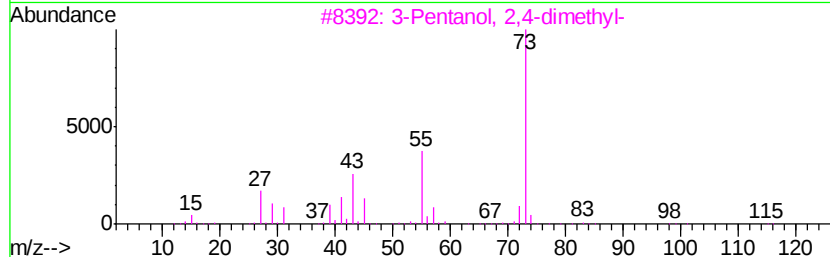
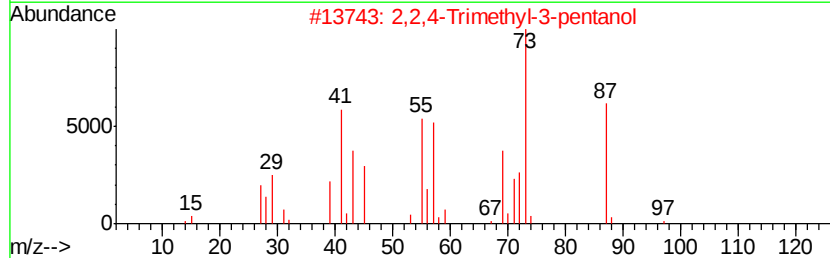
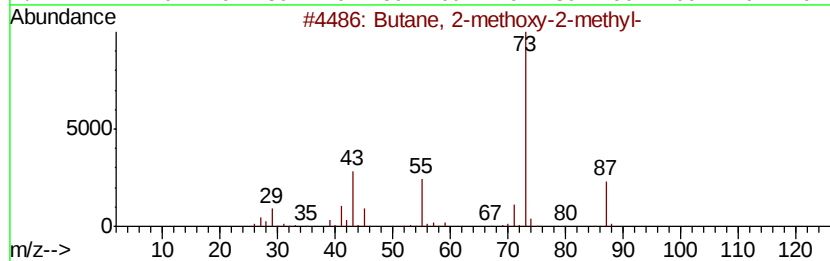
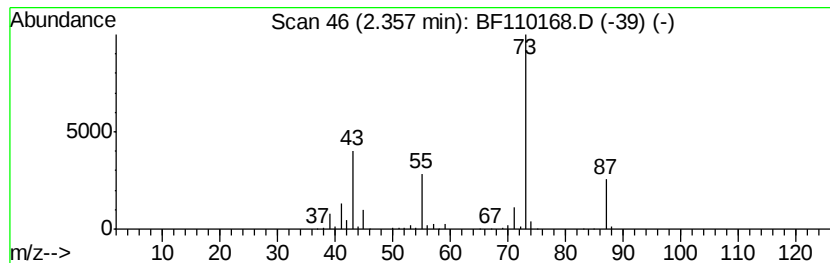
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	16.44 ng	864408	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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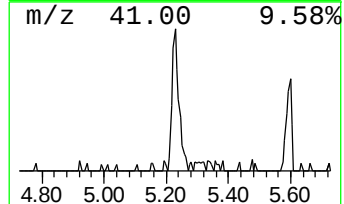
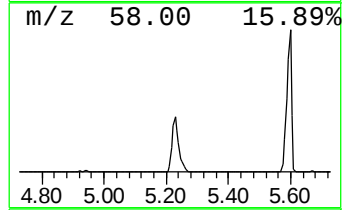
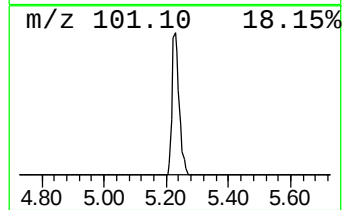
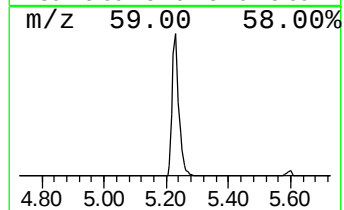
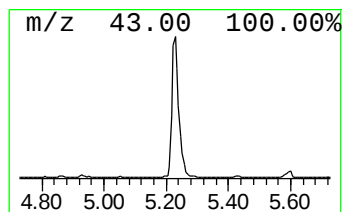
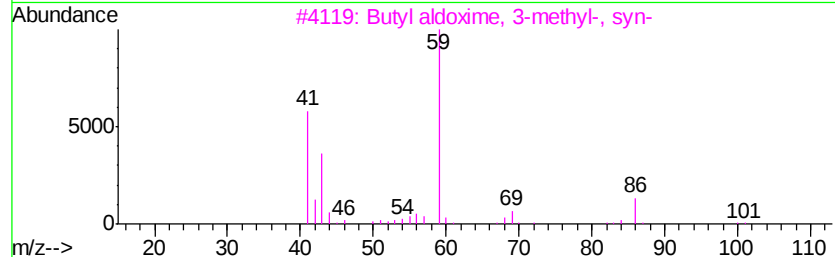
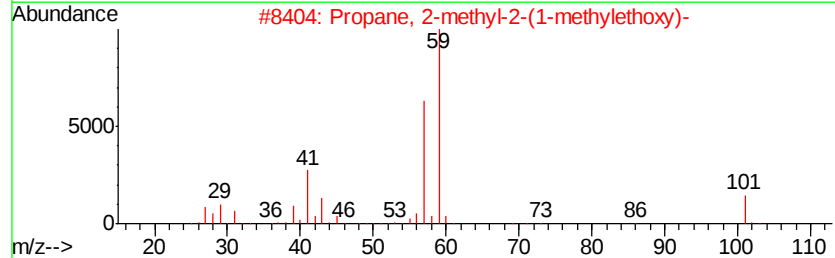
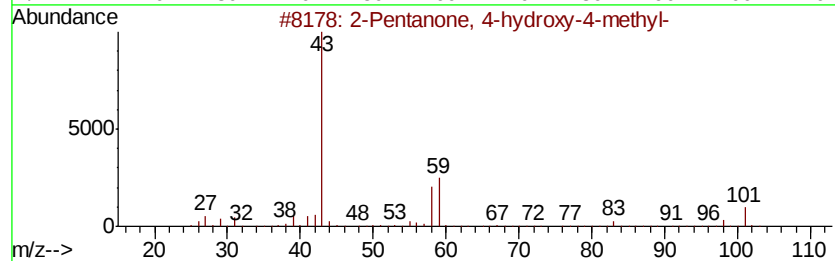
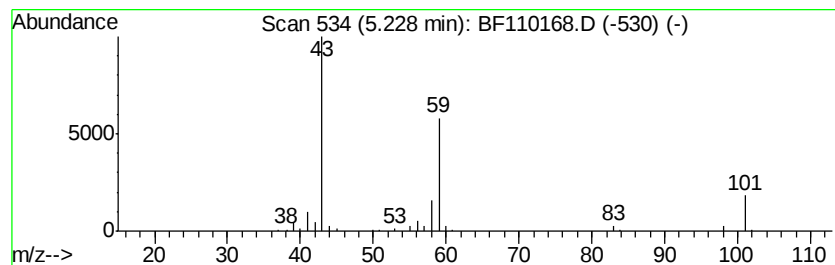
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.66 ng	244786	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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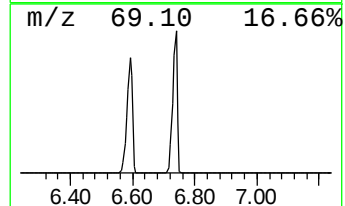
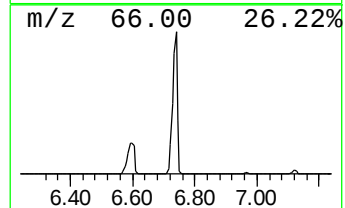
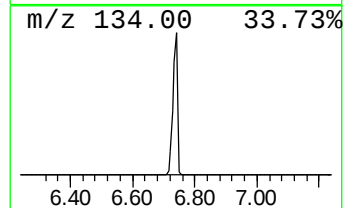
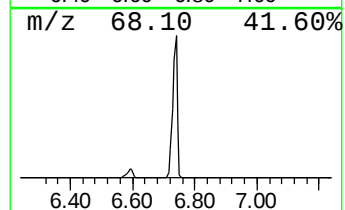
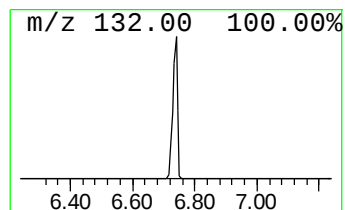
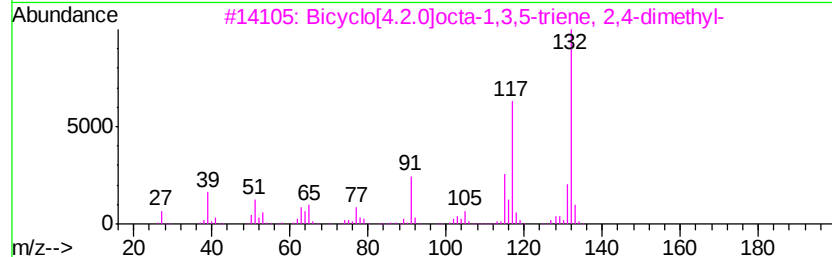
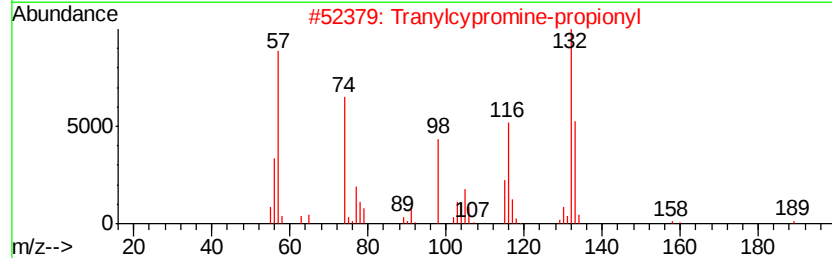
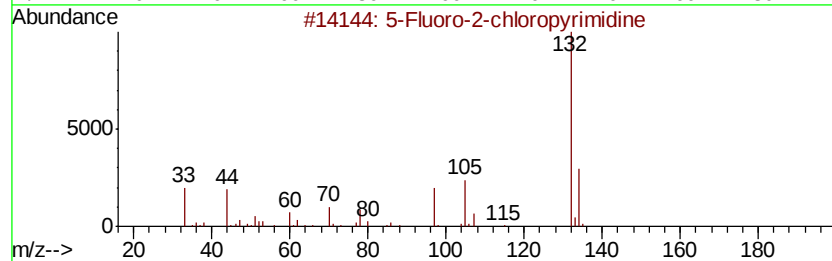
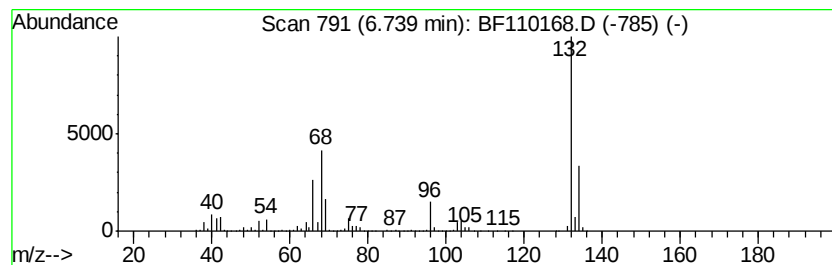
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	90.93 ng	4780430	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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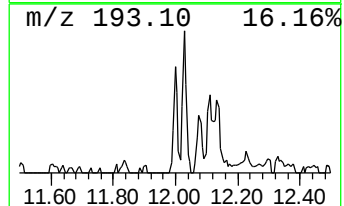
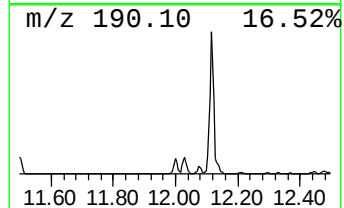
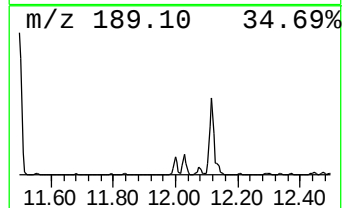
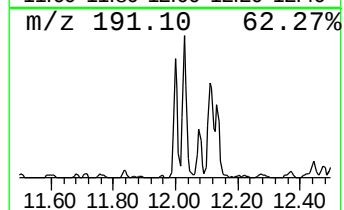
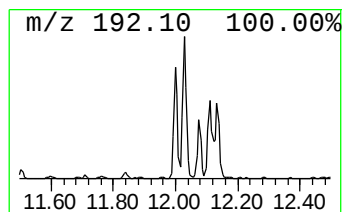
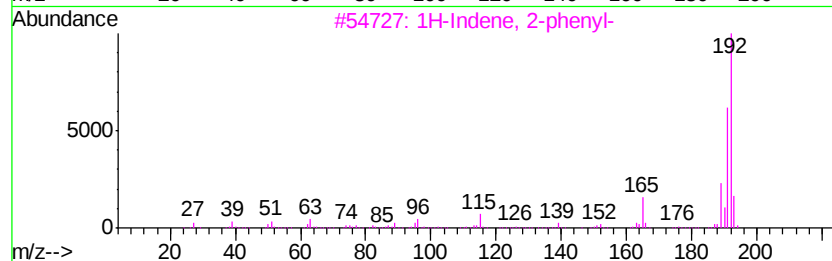
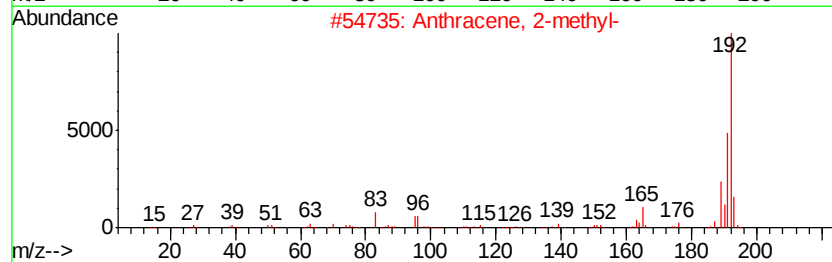
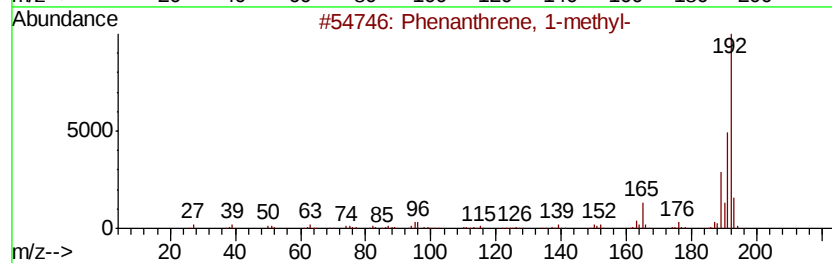
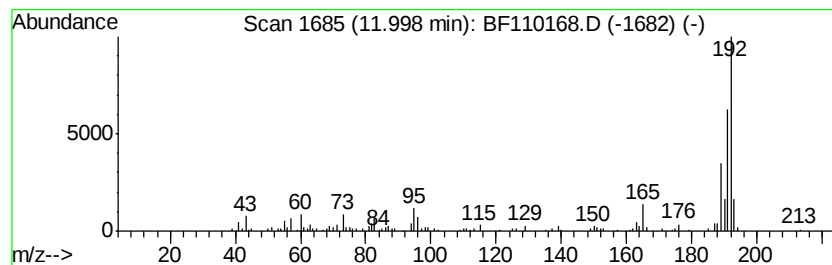
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Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.70 ng	207467	Phenanthrene-d10	11.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phenanthrene, 1-methyl-	192 C15H12	000832-69-9 96
2		Anthracene, 2-methyl-	192 C15H12	000613-12-7 93
3		1H-Indene, 2-phenyl-	192 C15H12	004505-48-0 93
4		Phenanthrene, 2-methyl-	192 C15H12	002531-84-2 92
5		Anthracene, 1-methyl-	192 C15H12	000610-48-0 92



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ClientSampleId :
HP-GRID-C

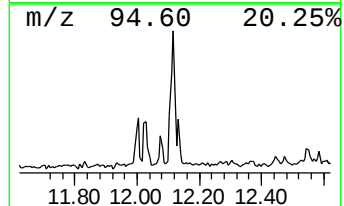
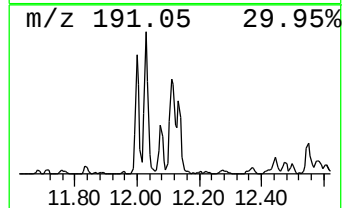
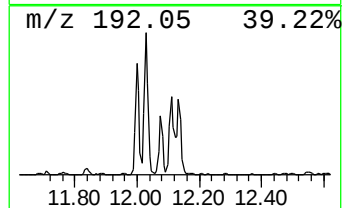
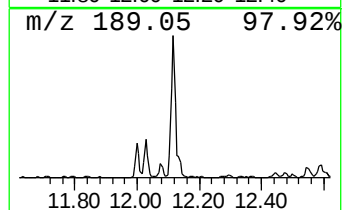
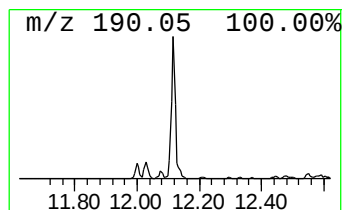
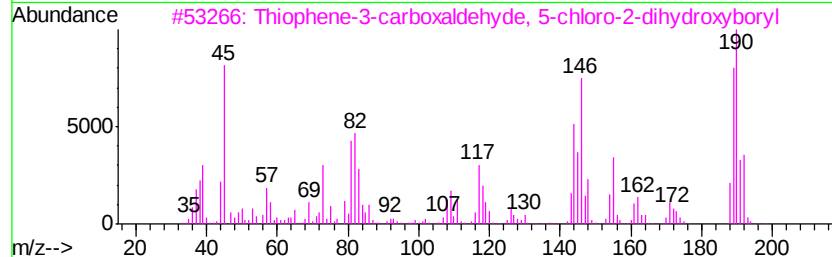
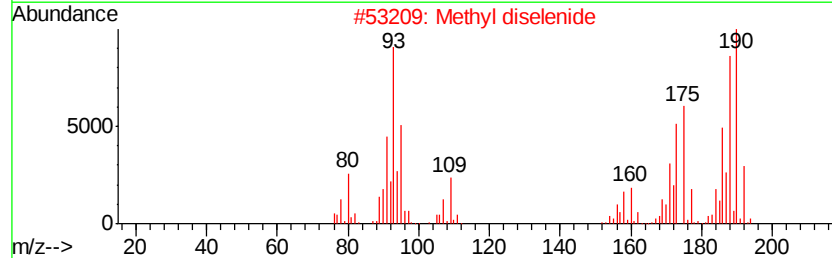
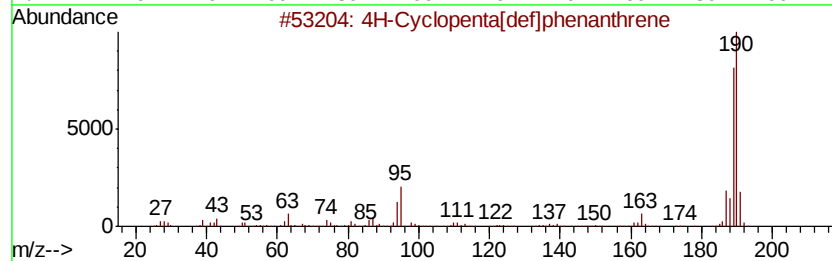
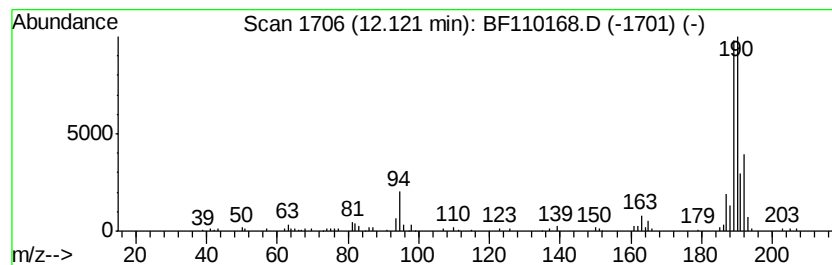
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.07 ng	235791	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Methyl diselenide	190	C2H6Se2	007101-31-7	55
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110168.D
Acq On : 25 Oct 2018 18:50
Operator : JU/SJ
Sample : J5636-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HP-GRID-C

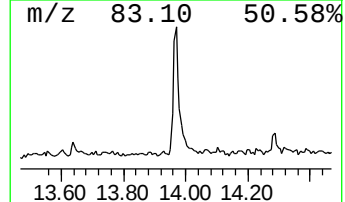
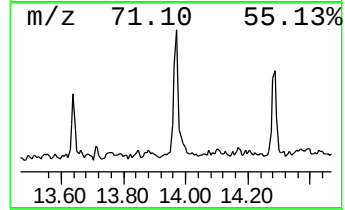
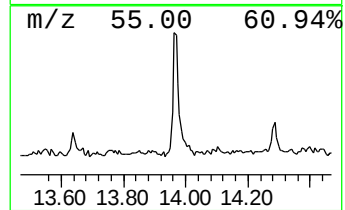
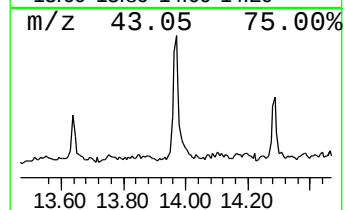
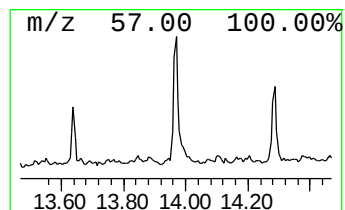
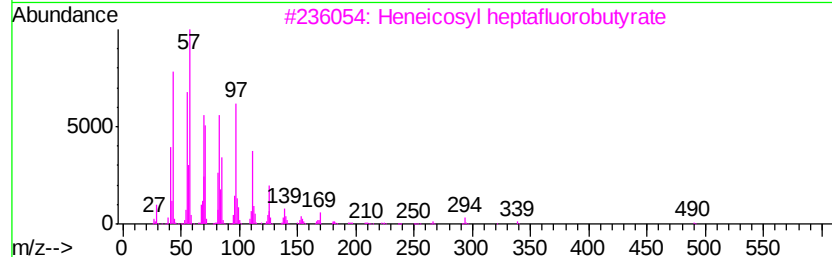
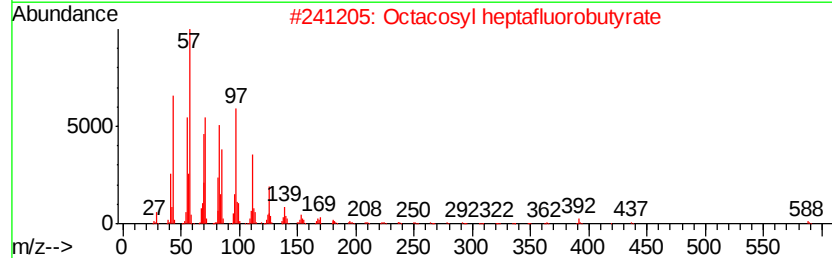
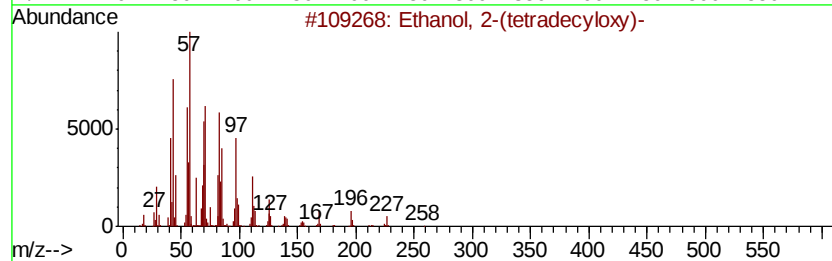
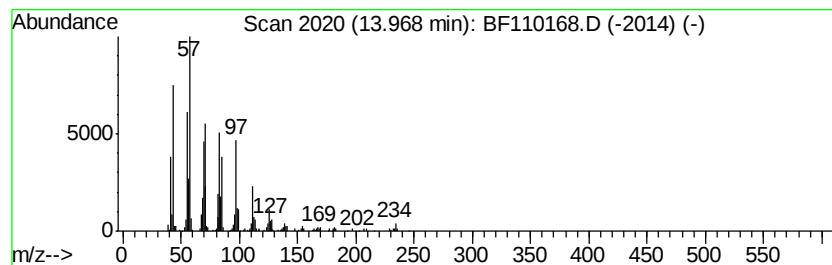
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.51 ng	417846	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
4		17-Pentatriacontene	491	C35H70	006971-40-0	87
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110168.D
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Instrument :
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ClientSampleId :
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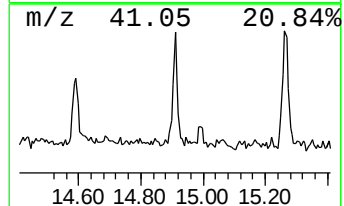
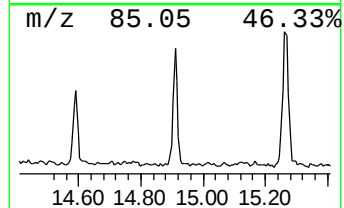
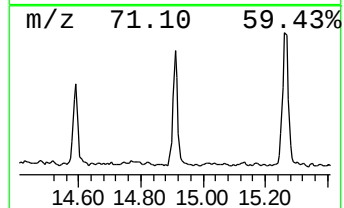
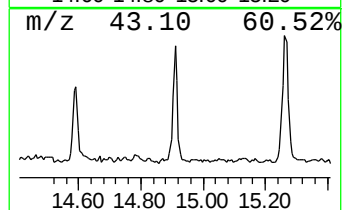
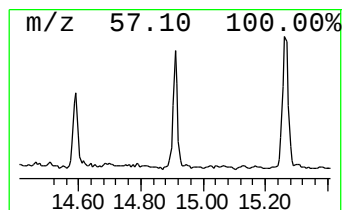
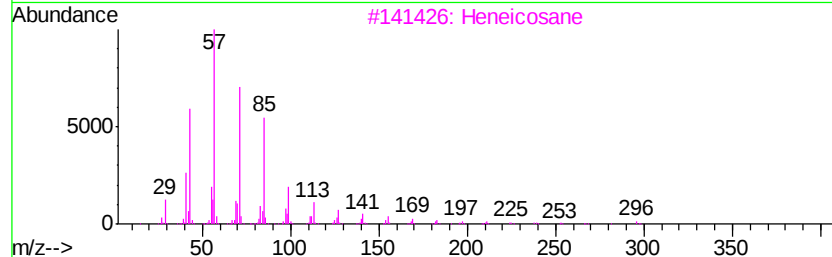
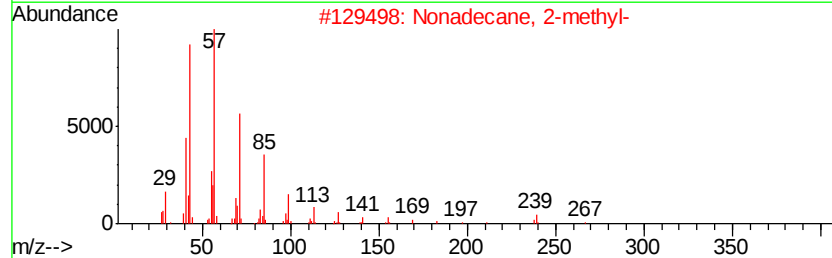
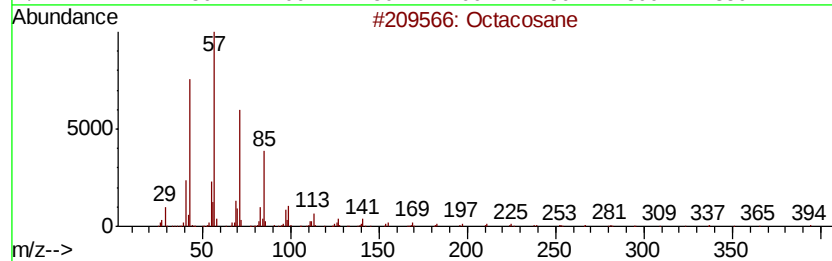
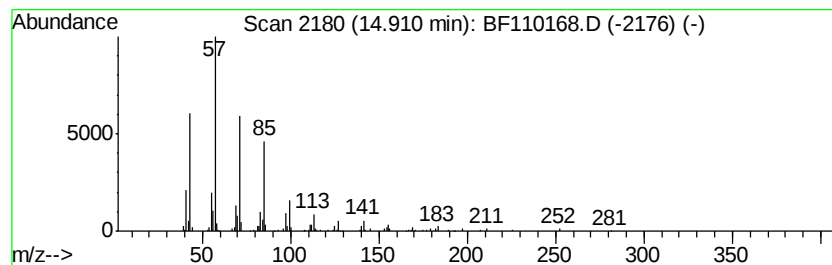
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.32 ng	193839	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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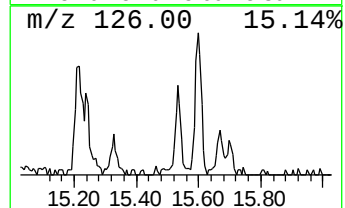
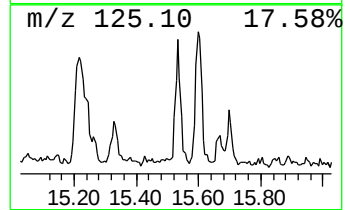
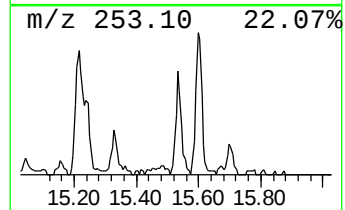
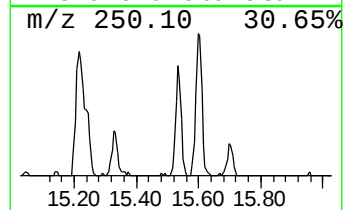
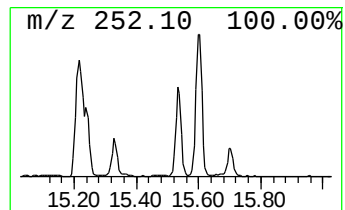
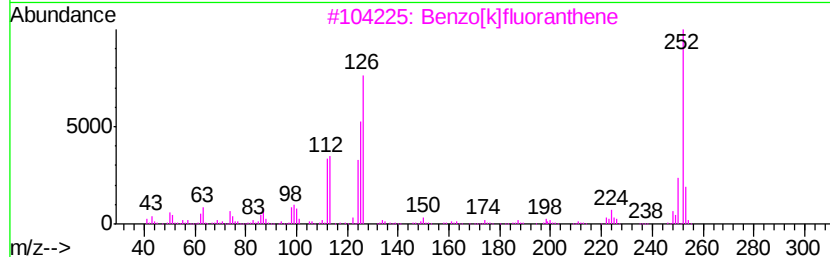
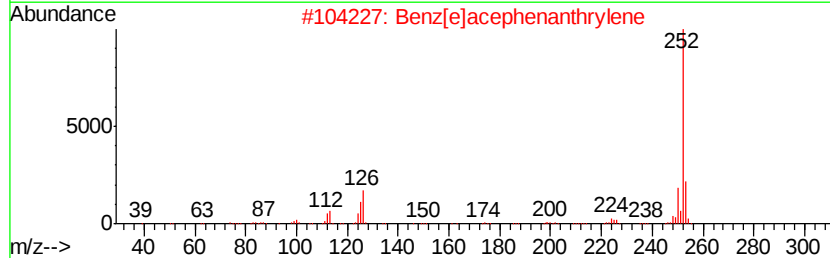
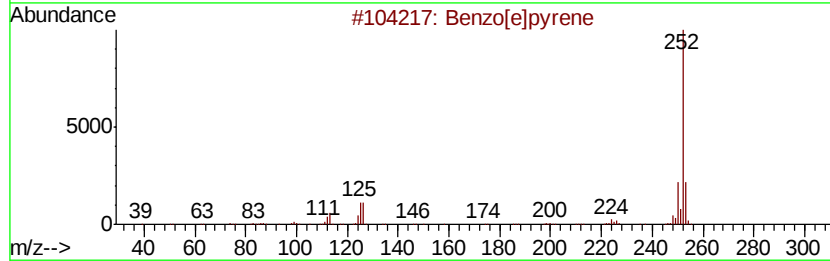
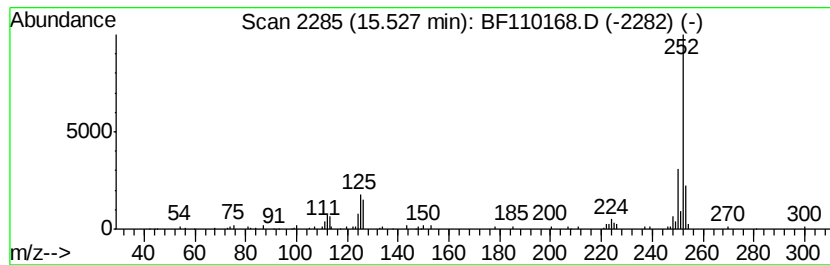
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.62 ng	152990	Perylene-d12	15.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252 C20H12	000207-08-9	95
4	Benzo[a]pyrene	252 C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252 C20H12	000205-82-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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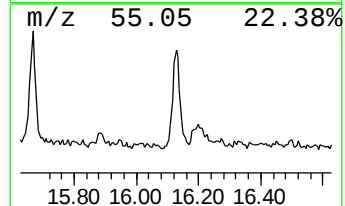
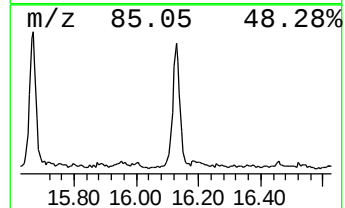
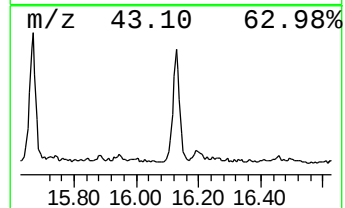
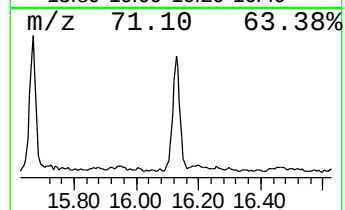
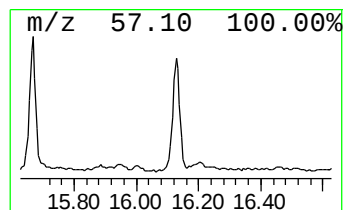
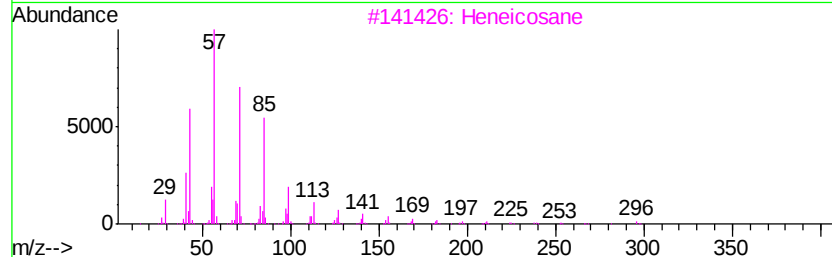
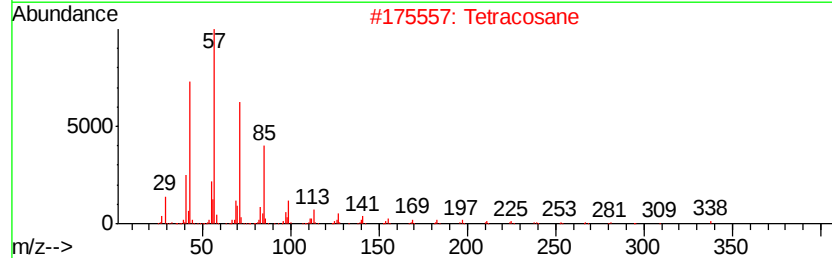
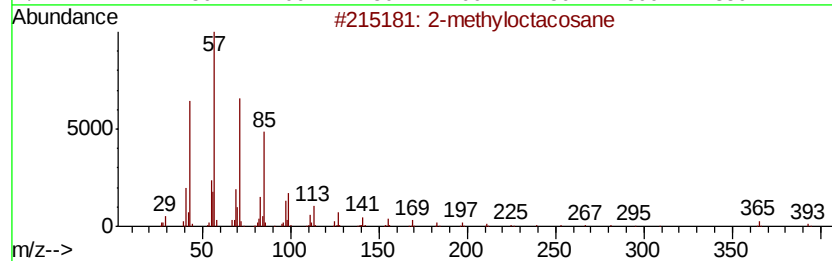
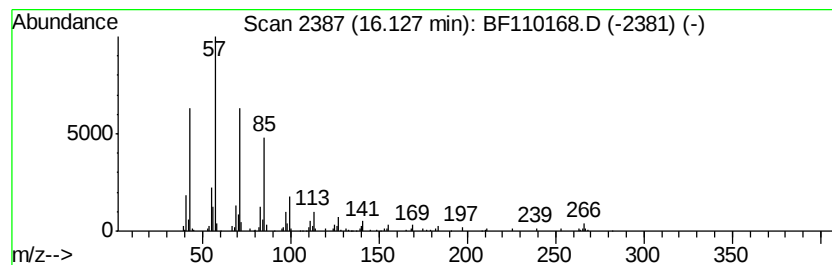
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.67 ng	331130	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		triacontane	422	C30H62	000638-68-6	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110168.D
Acq On : 25 Oct 2018 18:50
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ALS Vial : 7 Sample Multiplier: 1

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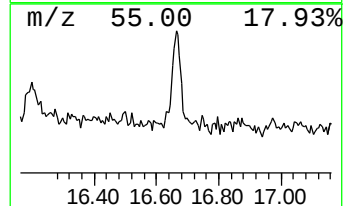
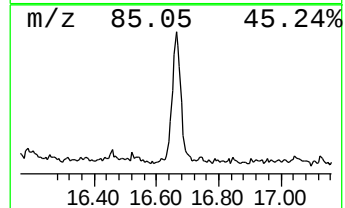
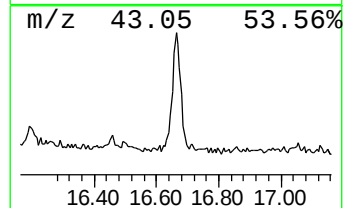
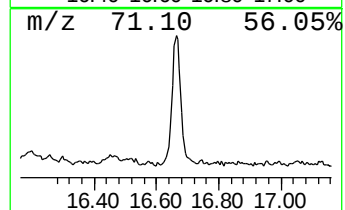
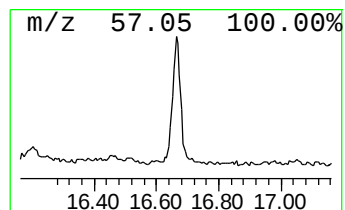
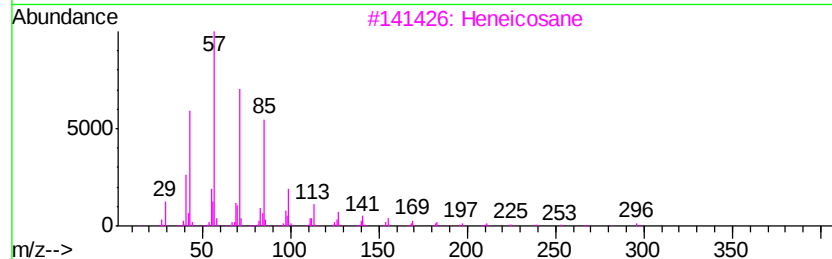
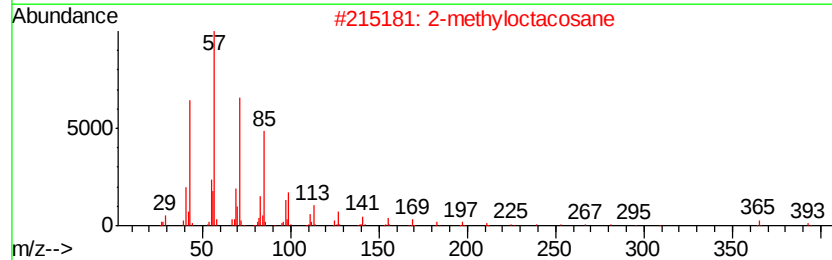
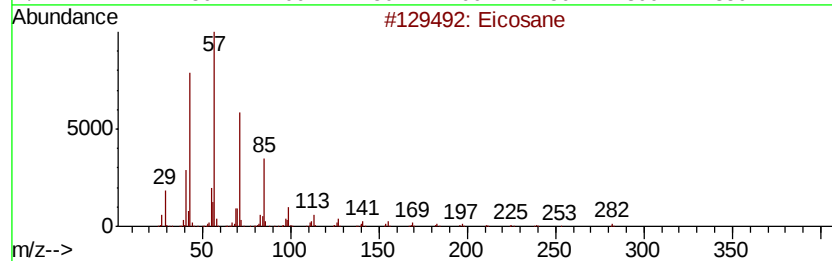
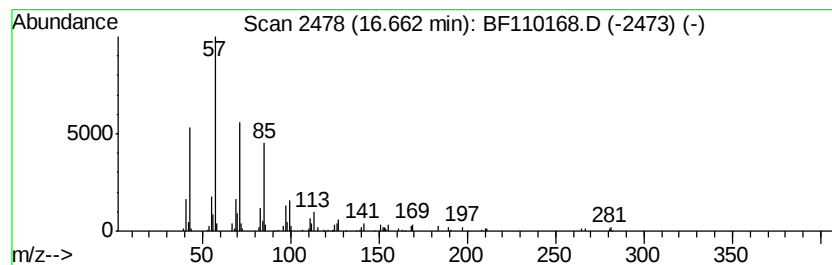
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.73 ng	217977	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Pentacosane		352	C25H52	000629-99-2	90
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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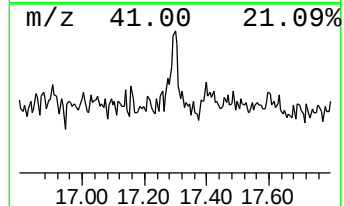
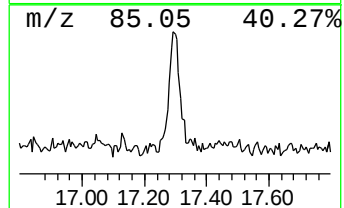
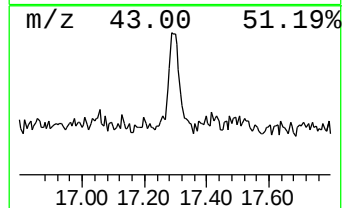
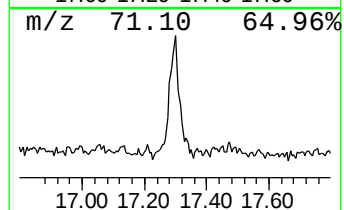
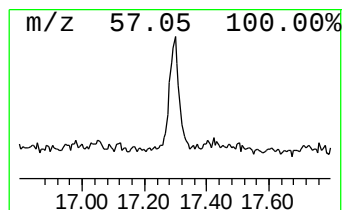
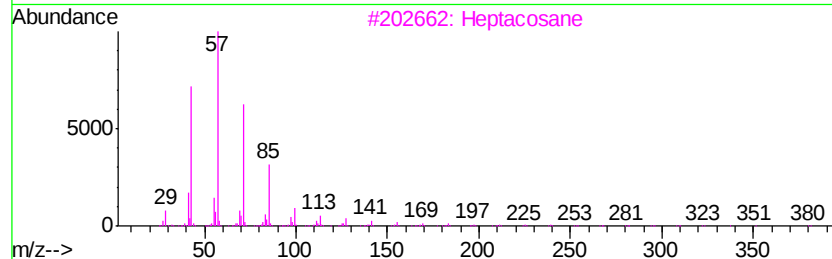
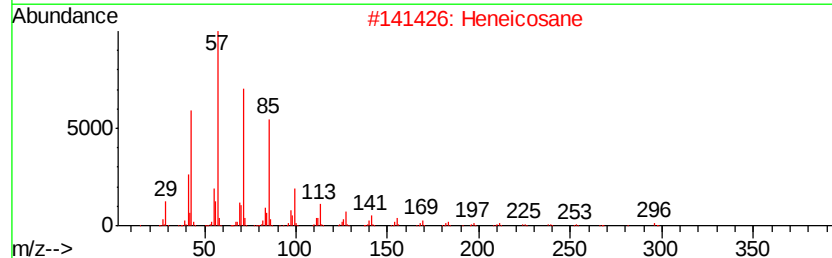
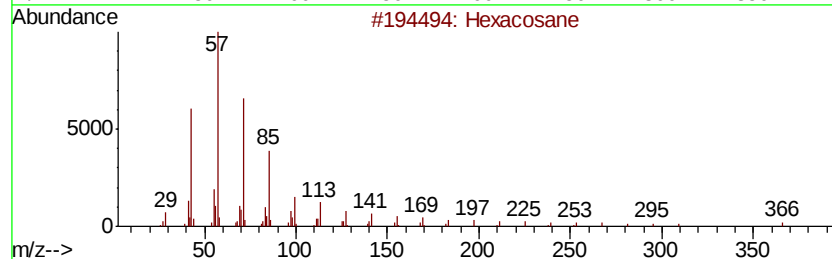
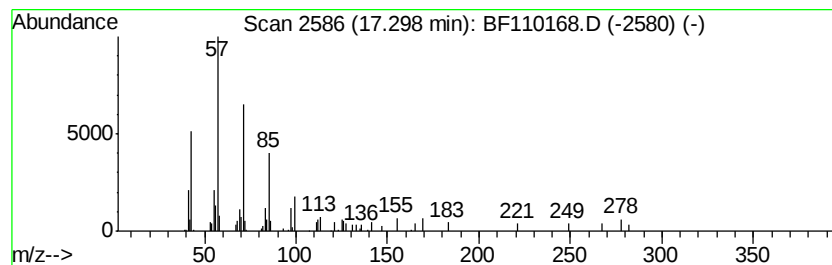
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.21 ng	129066	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	74
2		Heneicosane	296	C21H44	000629-94-7	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Hentriacontane	437	C31H64	000630-04-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110168.D
Acq On : 25 Oct 2018 18:50
Operator : JU/SJ
Sample : J5636-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HP-GRID-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.36	16.4	ng	864408	1	6.96	1051430	20.0
2-Pentanone, 4-hy...	5.23	4.7	ng	244786	1	6.96	1051430	20.0
unknown6.74	6.74	90.9	ng	4780430	1	6.96	1051430	20.0
Phenanthrene, 1-m...	12.00	2.7	ng	207467	4	11.50	1534130	20.0
4H-Cyclopenta[def...	12.12	3.1	ng	235791	4	11.50	1534130	20.0
Ethanol, 2-(tetra...	13.97	6.5	ng	417846	5	14.14	1283770	20.0
Octacosane	14.91	3.3	ng	193839	6	15.67	1168100	20.0
Benzo[e]pyrene	15.53	2.6	ng	152990	6	15.67	1168100	20.0
2-methyloctacosane	16.13	5.7	ng	331130	6	15.67	1168100	20.0
Eicosane	16.66	3.7	ng	217977	6	15.67	1168100	20.0
Hexacosane	17.30	2.2	ng	129066	6	15.67	1168100	20.0