

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
 Data File : BF109248.D
 Acq On : 23 Sep 2018 4:12
 Operator : JU/SJ
 Sample : J5017-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-N-EW-057

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-BF092218.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	4.910	476	480	488	rVB	76376	106415	3.68%	0.426%
2	5.322	544	550	553	rBV	2519451	2529390	87.46%	10.125%
3	6.345	719	724	727	rBV	2574265	2697428	93.28%	10.797%
4	6.475	742	746	750	rBV	2626309	2669303	92.30%	10.685%
5	6.540	755	757	767	rVB	25112	33108	1.14%	0.133%
6	6.704	782	785	789	rBV	739861	601540	20.80%	2.408%
7	6.863	808	812	815	rBV	2364160	2103584	72.74%	8.420%
8	7.269	875	881	884	rBV	1829590	1674459	57.90%	6.702%
9	7.987	999	1003	1006	rBV	934154	722929	25.00%	2.894%
10	9.063	1182	1186	1190	rBV	3066491	2891895	100.00%	11.576%
11	9.398	1237	1243	1246	rBV	28917	33140	1.15%	0.133%
12	9.457	1249	1253	1255	rBV	559113	447301	15.47%	1.790%
13	9.733	1296	1300	1303	rBV	817401	723573	25.02%	2.896%
14	9.769	1303	1306	1309	rVB	64272	55441	1.92%	0.222%
15	9.845	1314	1319	1323	rBV5	23977	42675	1.48%	0.171%
16	9.939	1331	1335	1339	rVB2	41380	46253	1.60%	0.185%
17	10.151	1366	1371	1375	rBV5	31827	56500	1.95%	0.226%
18	10.281	1390	1393	1395	rBV	49995	43224	1.49%	0.173%
19	10.345	1400	1404	1406	rVV4	33866	40211	1.39%	0.161%
20	10.404	1410	1414	1417	rVV3	59304	72930	2.52%	0.292%
21	10.522	1430	1434	1438	rBV	1409935	1300624	44.97%	5.206%
22	10.651	1453	1456	1457	rBV	36452	35523	1.23%	0.142%
23	10.669	1457	1459	1463	rVB	122584	102497	3.54%	0.410%
24	10.722	1465	1468	1470	rBV2	44852	41677	1.44%	0.167%
25	10.857	1488	1491	1493	rBV3	34606	41301	1.43%	0.165%
26	11.110	1532	1534	1535	rBV	43247	37486	1.30%	0.150%
27	11.133	1535	1538	1543	rVB	217316	209894	7.26%	0.840%
28	11.210	1548	1551	1554	rVV	597488	567040	19.61%	2.270%
29	11.233	1554	1555	1558	rVV	364266	276129	9.55%	1.105%
30	11.286	1562	1564	1567	rVB	121013	90702	3.14%	0.363%
31	11.480	1594	1597	1600	rBV	111244	115143	3.98%	0.461%
32	11.545	1606	1608	1610	rVB	63792	44591	1.54%	0.178%
33	11.575	1610	1613	1618	rVB3	67312	85690	2.96%	0.343%
34	11.716	1634	1637	1639	rBV2	117617	140716	4.87%	0.563%

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

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

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35	11.739	1639	1641	1644	rVB	105464	103239	3.57%	0.413%
36	11.822	1652	1655	1658	rBV	163775	217089	7.51%	0.869%
37	12.139	1707	1709	1711	rBV	103526	98496	3.41%	0.394%
38	12.210	1719	1721	1726	rVB2	185325	192685	6.66%	0.771%
39	12.263	1728	1730	1733	rVB	120315	113782	3.93%	0.455%
40	12.422	1754	1757	1761	rBV	366026	355485	12.29%	1.423%
41	12.645	1792	1795	1798	rVB	266928	219576	7.59%	0.879%
42	12.798	1817	1821	1824	rBV	2056693	1800510	62.26%	7.207%
43	13.839	1993	1998	2000	rBV2	659186	697059	24.10%	2.790%
44	13.863	2000	2002	2004	rVB	147206	108806	3.76%	0.436%
45	15.239	2232	2236	2240	rVB	378647	395724	13.68%	1.584%

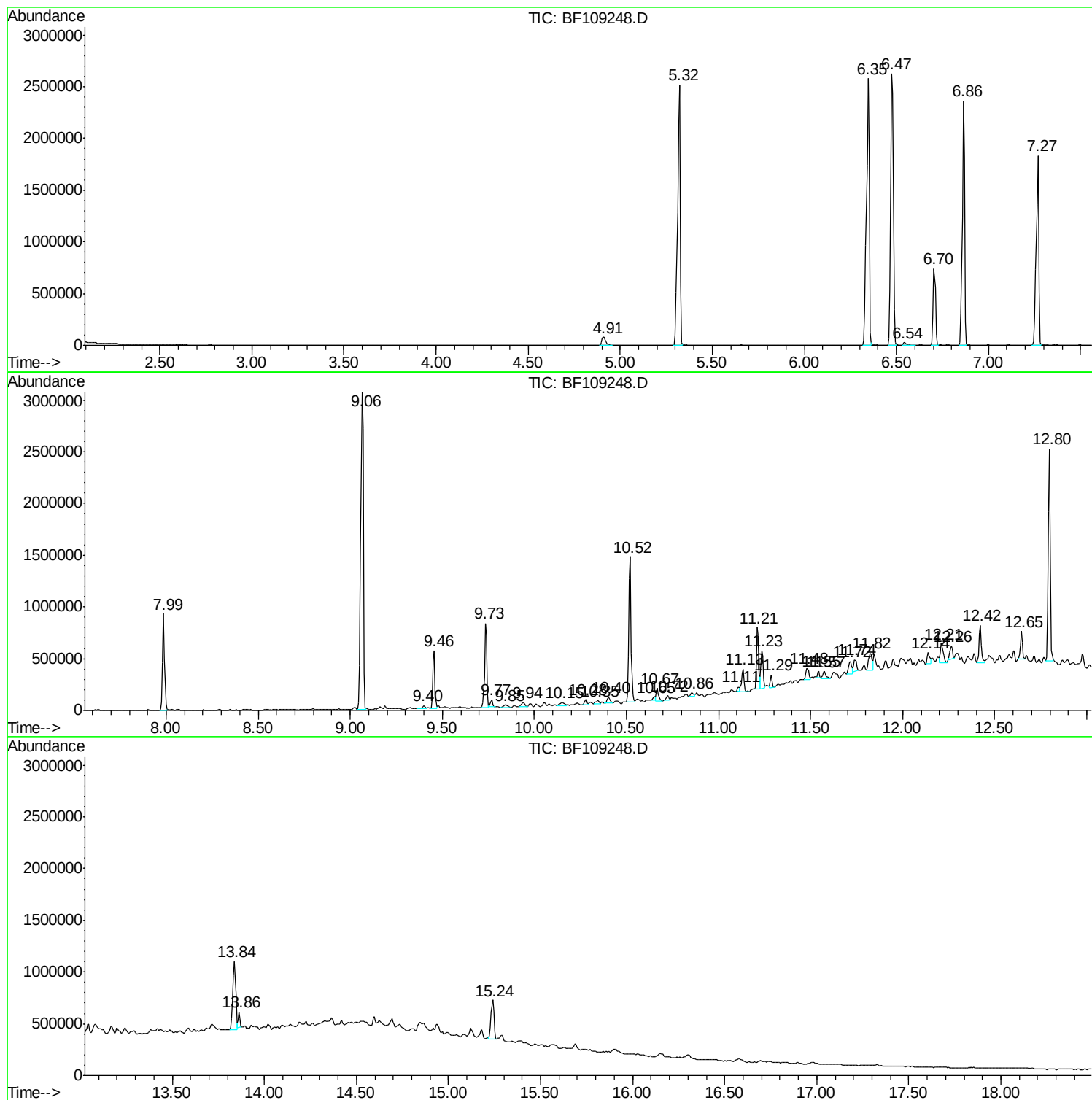
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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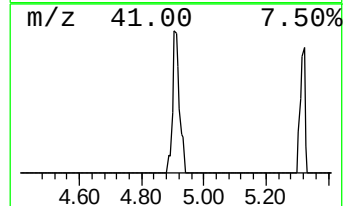
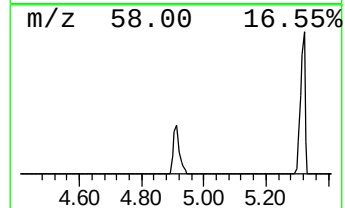
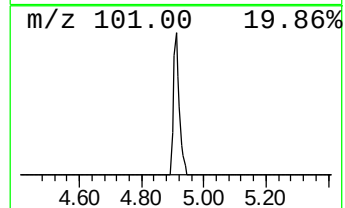
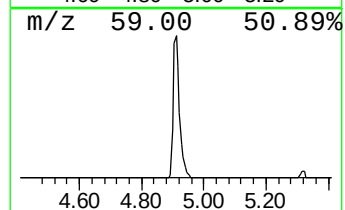
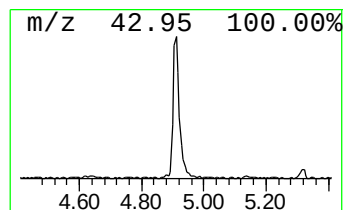
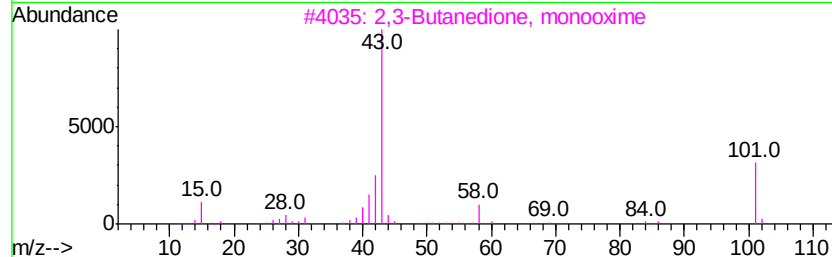
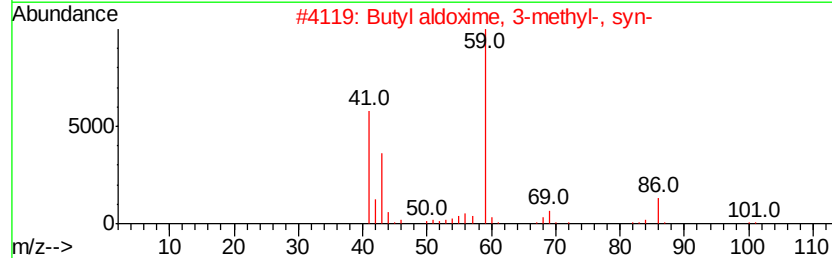
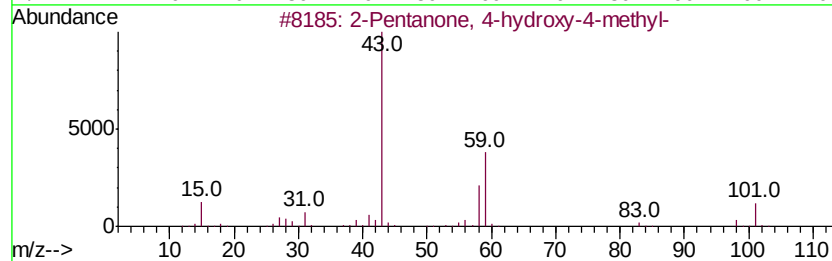
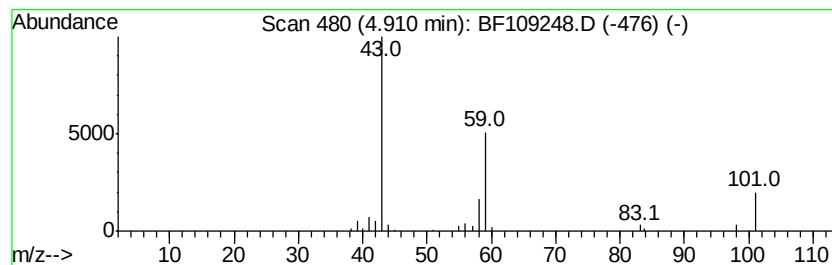
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.54 ng	106415	1,4-Dichlorobenzene-d4	6.70

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Acetone	58	C3H6O	000067-64-1	9
5		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



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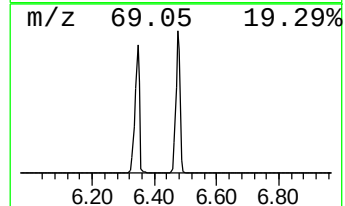
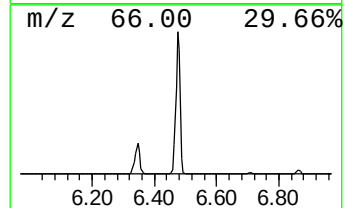
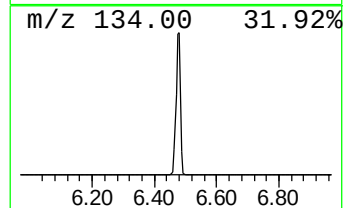
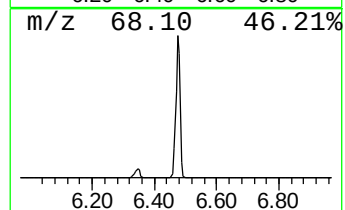
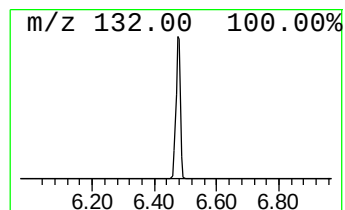
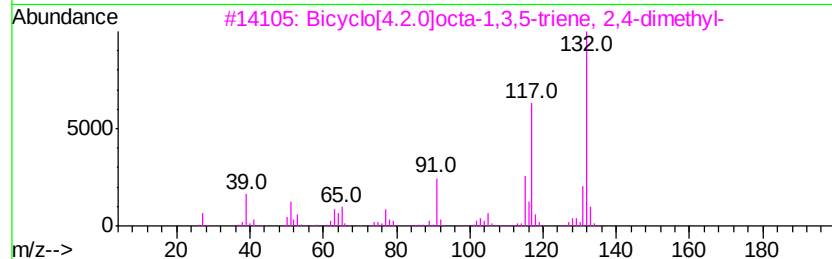
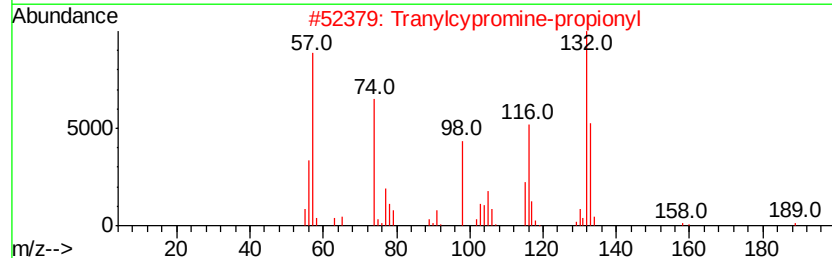
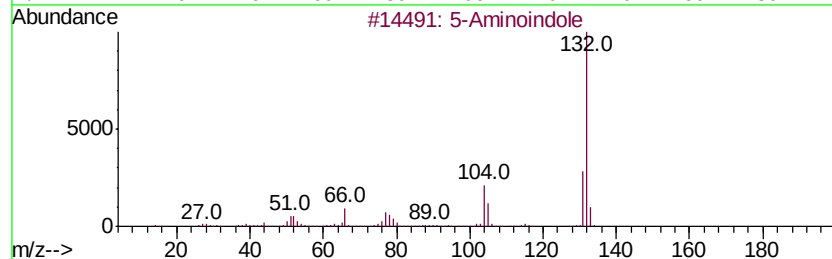
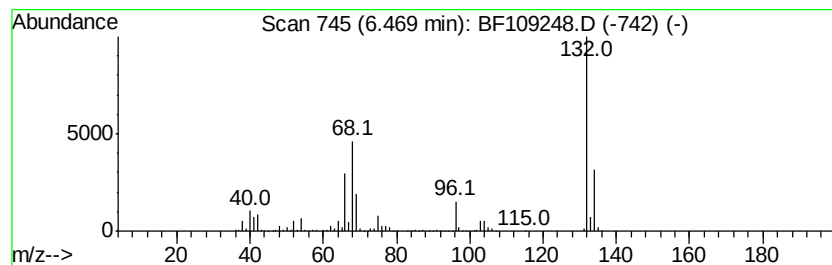
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	88.75 ng	2669300	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
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		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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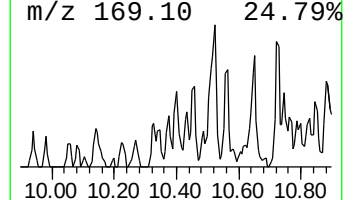
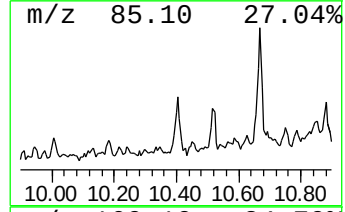
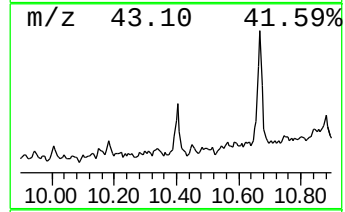
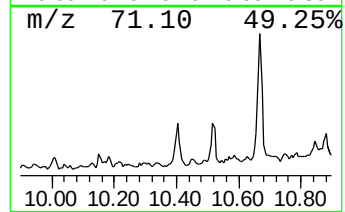
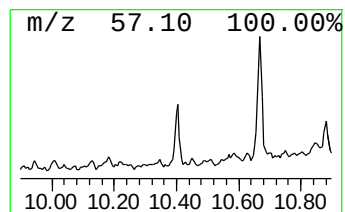
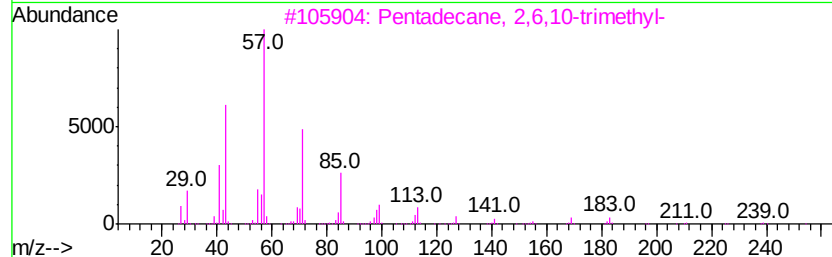
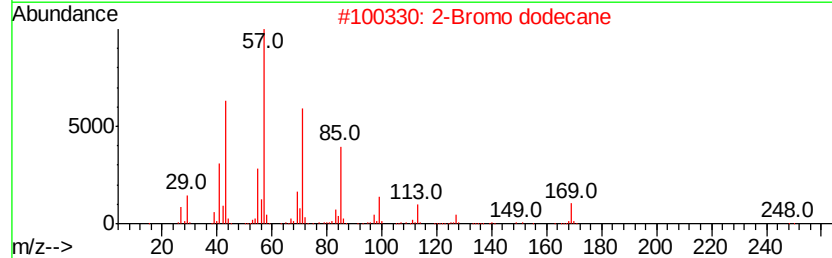
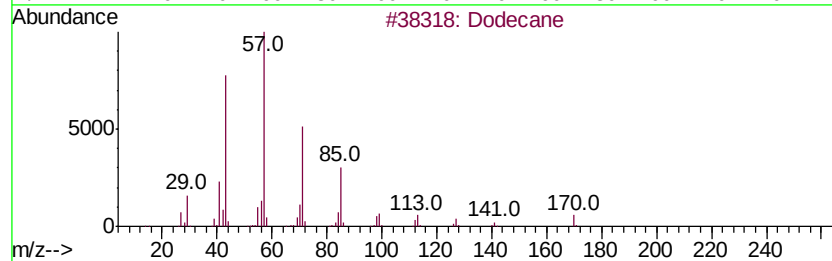
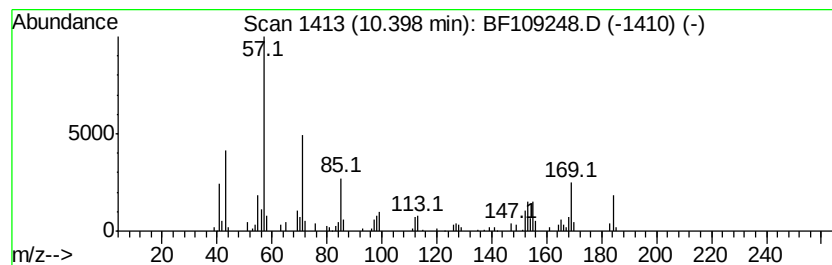
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.02 ng	72930	Acenaphthene-d10	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	76
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	74
3	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	72
4	Eicosane	282 C20H42	000112-95-8	64
5	Heptadecane	240 C17H36	000629-78-7	64



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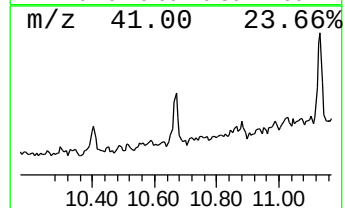
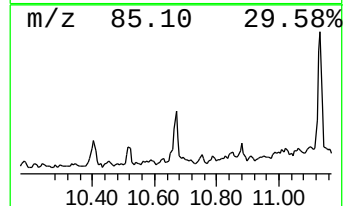
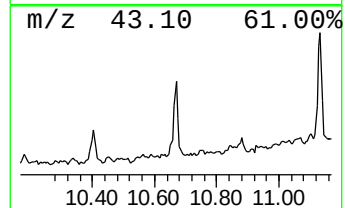
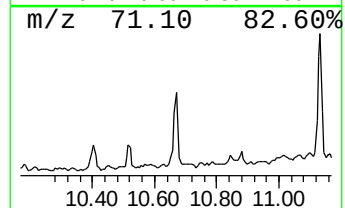
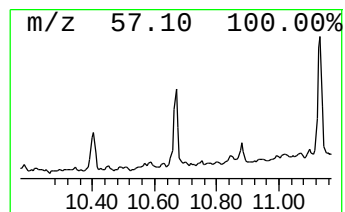
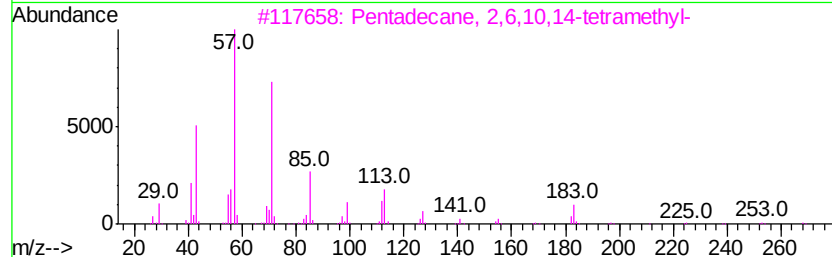
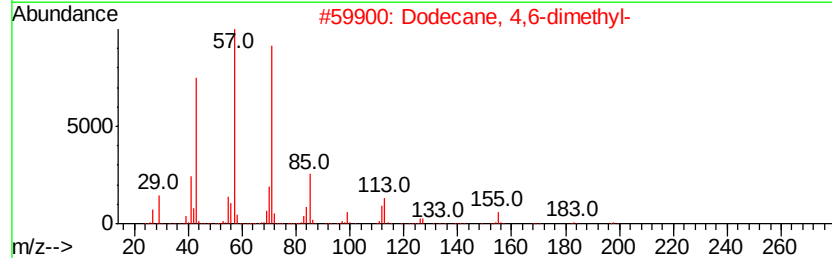
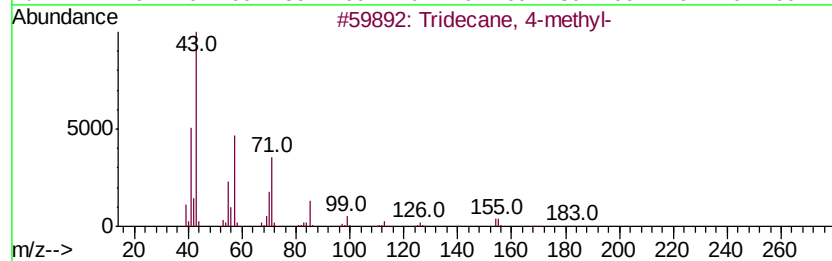
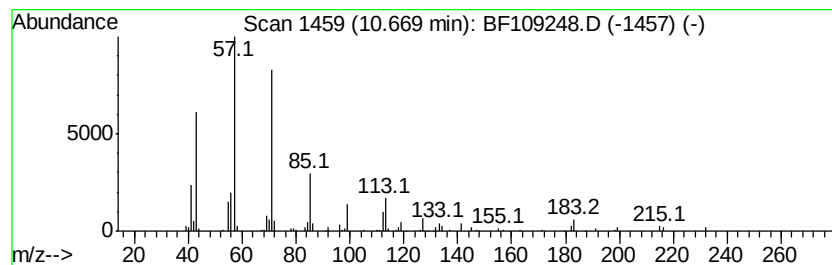
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.67	3.62 ng	102497	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	80
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



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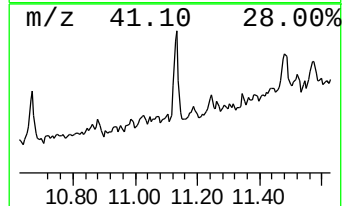
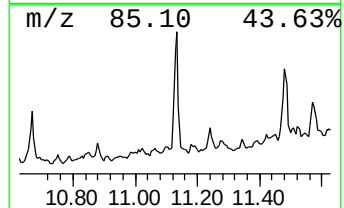
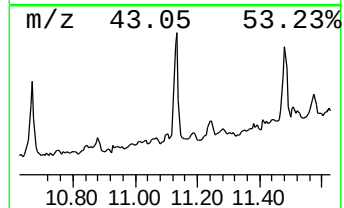
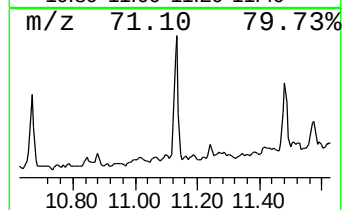
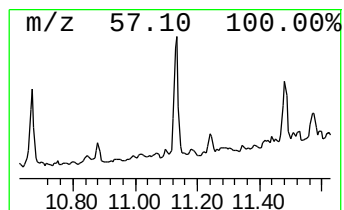
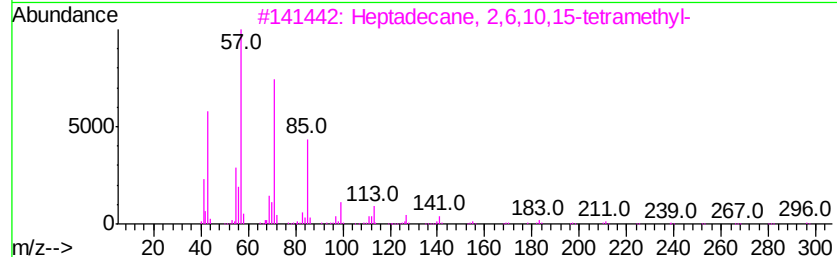
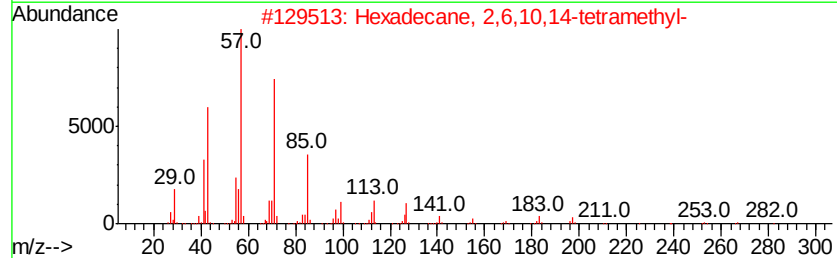
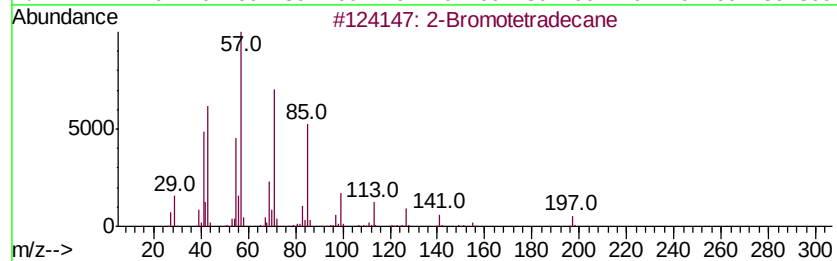
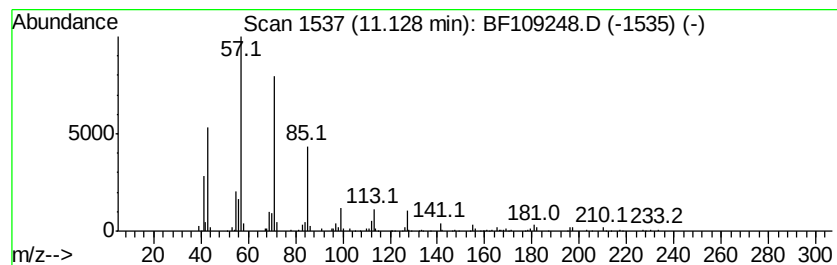
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Bromotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.13	7.40 ng	209894	Phenanthrene-d10	11.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	91	
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87	
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86	
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	74	
5	Heptacosane	380	C27H56	000593-49-7	72	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109248.D
Acq On : 23 Sep 2018 4:12
Operator : JU/SJ
Sample : J5017-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

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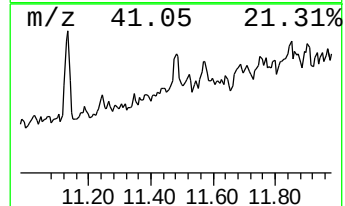
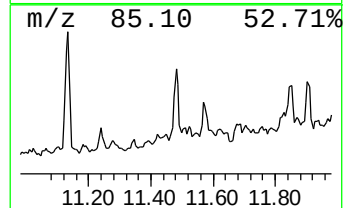
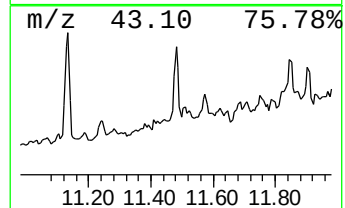
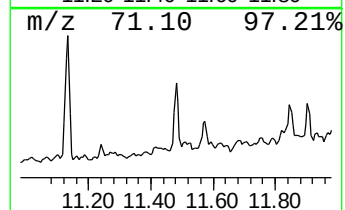
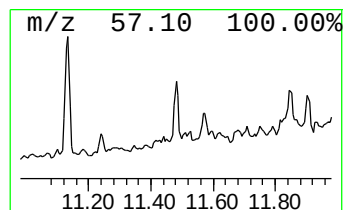
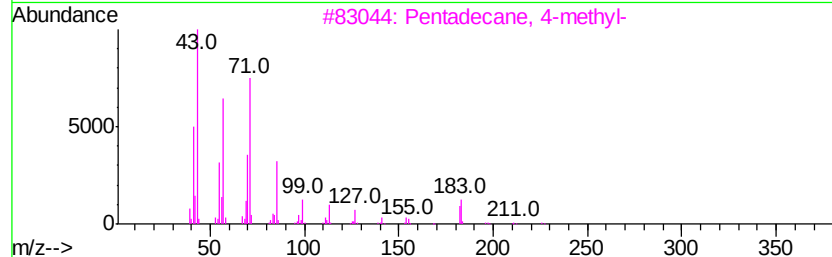
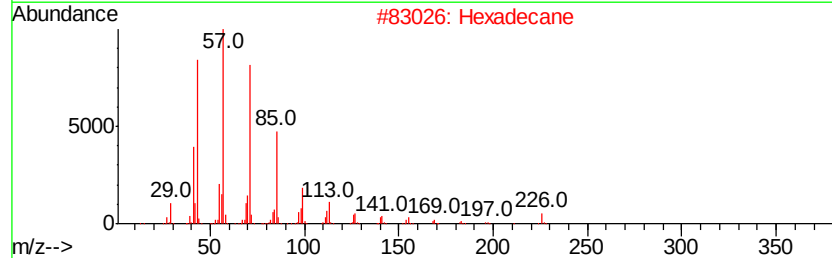
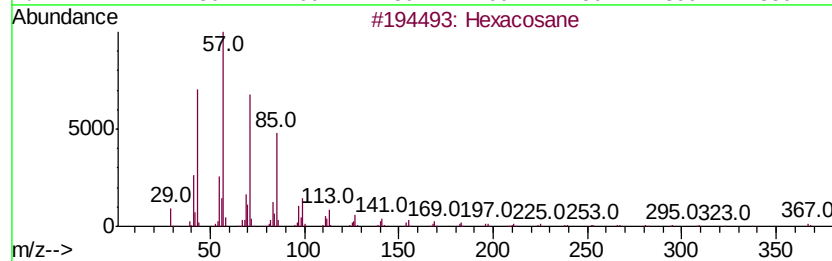
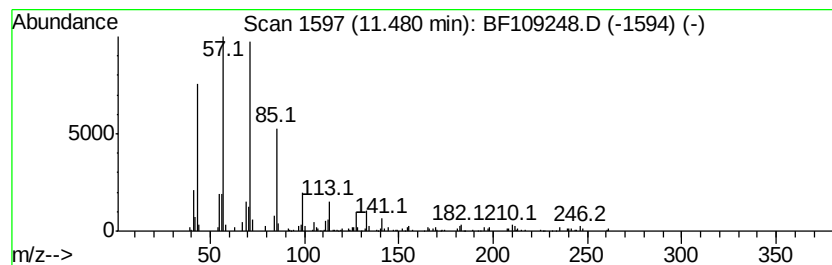
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	4.06 ng	115143	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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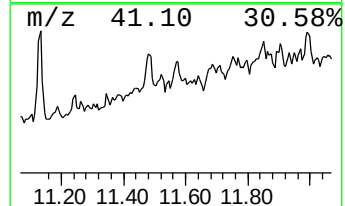
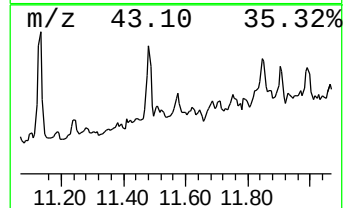
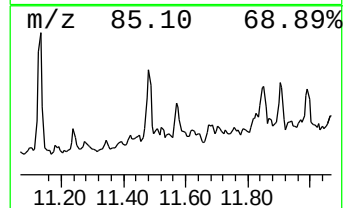
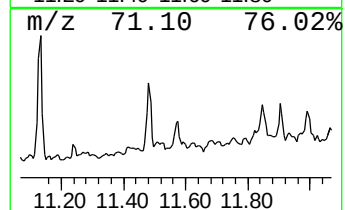
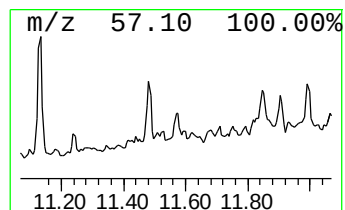
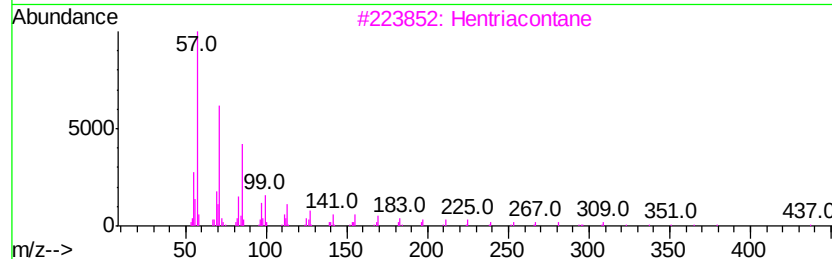
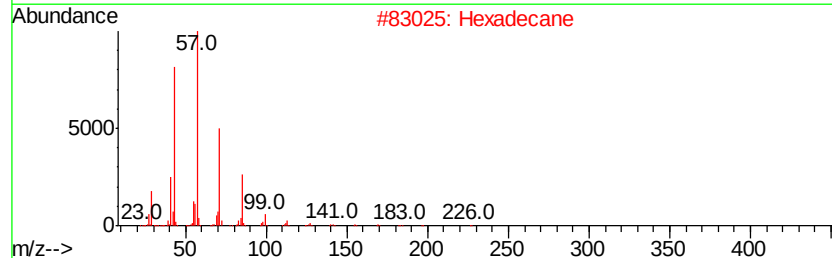
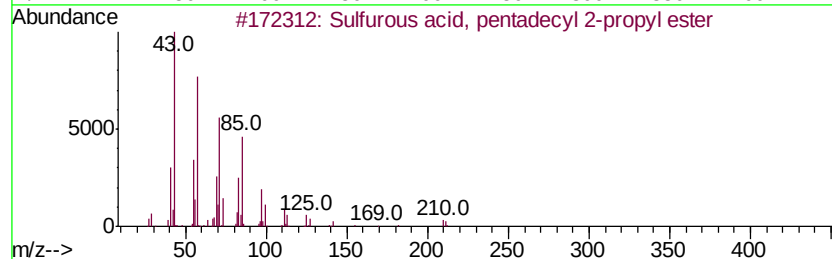
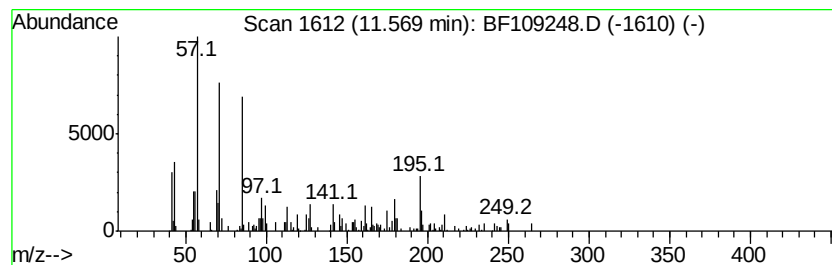
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, pentadecyl ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.57	3.02 ng	85690	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	58
2	Hexadecane	226	C16H34	000544-76-3	52
3	Hentriacontane	437	C31H64	000630-04-6	52
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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Sample : J5017-03
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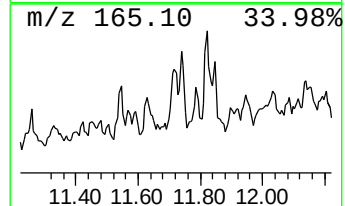
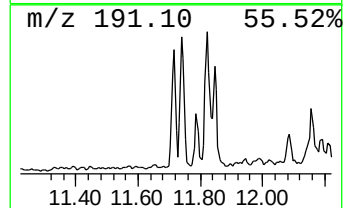
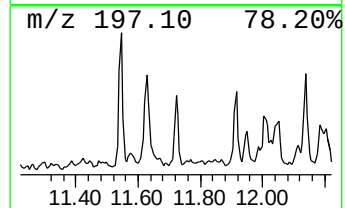
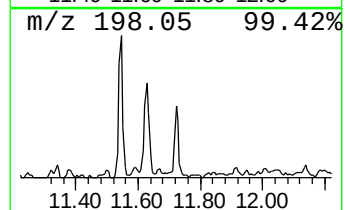
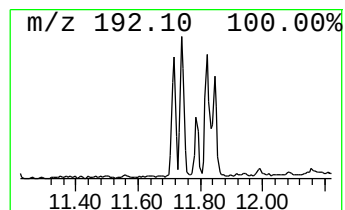
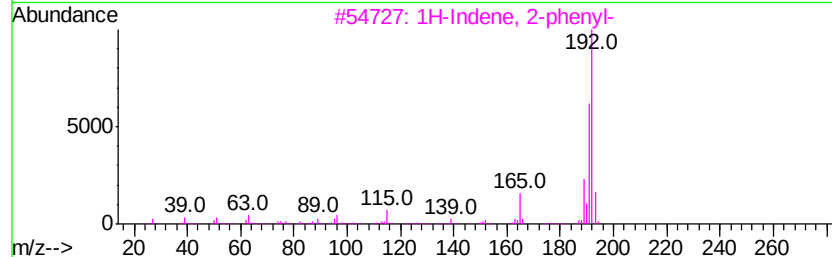
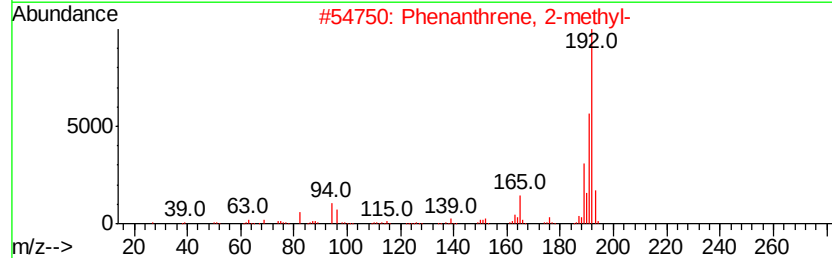
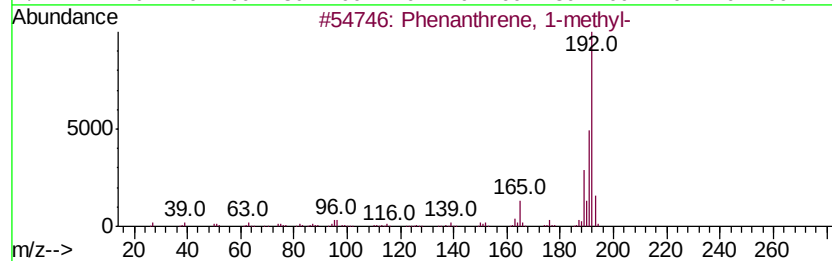
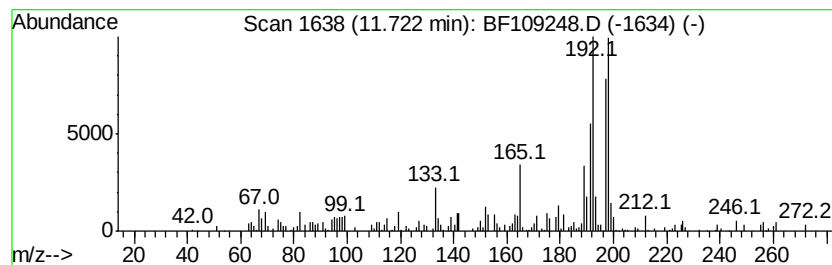
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.72	4.96 ng	140716	Phenanthrene-d10	11.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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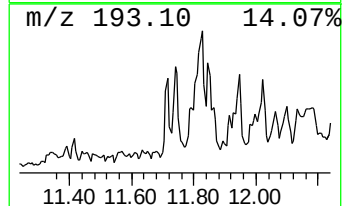
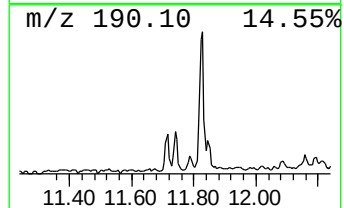
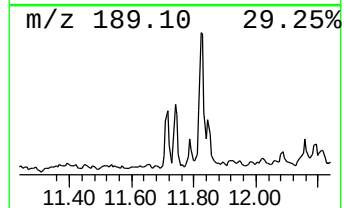
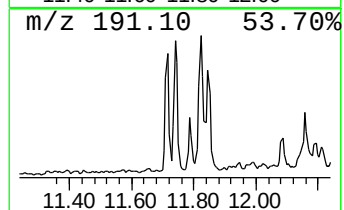
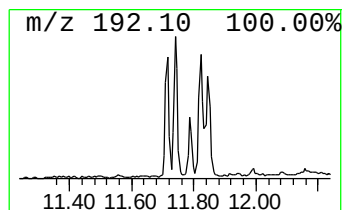
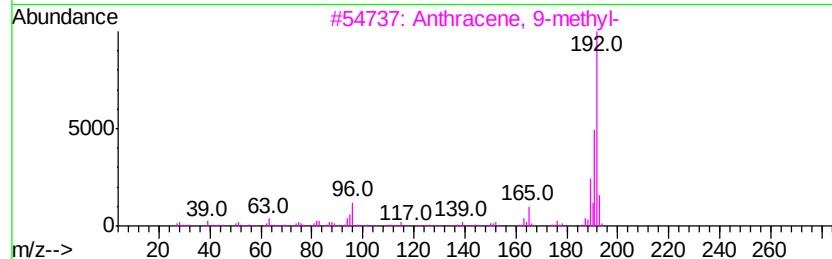
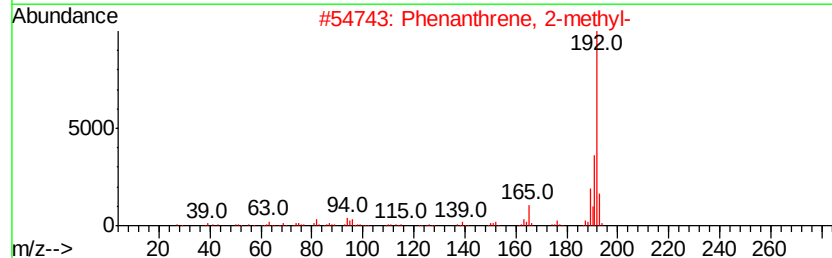
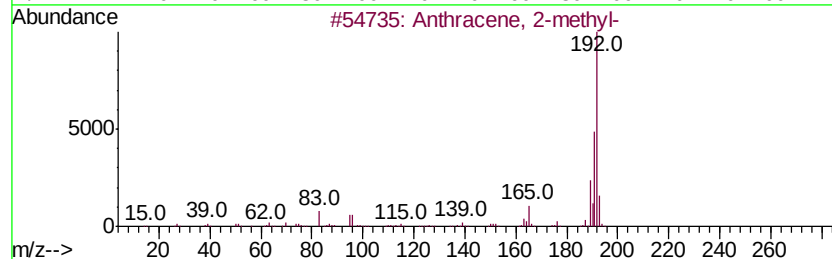
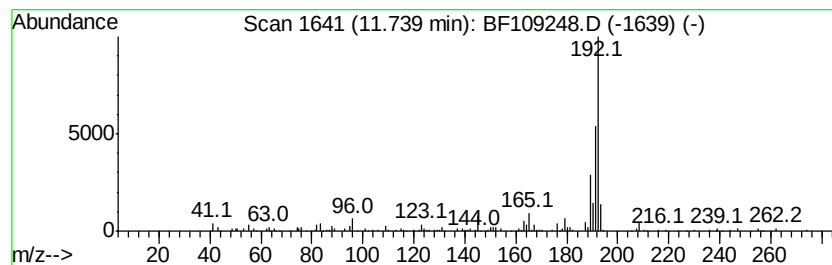
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.64 ng	103239	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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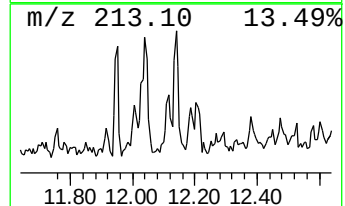
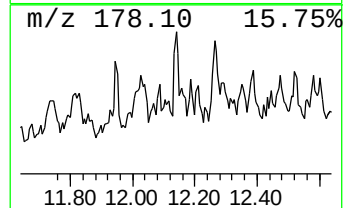
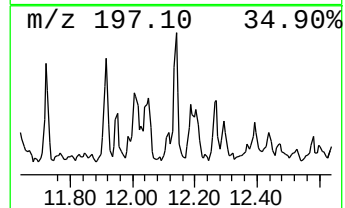
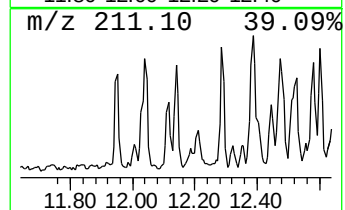
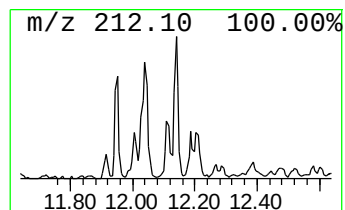
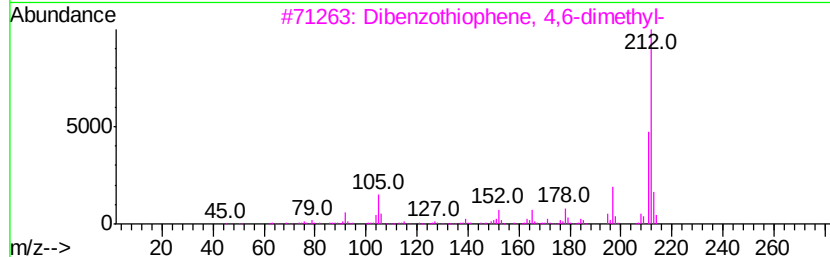
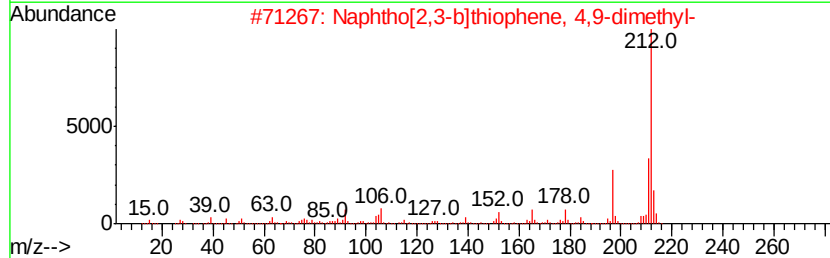
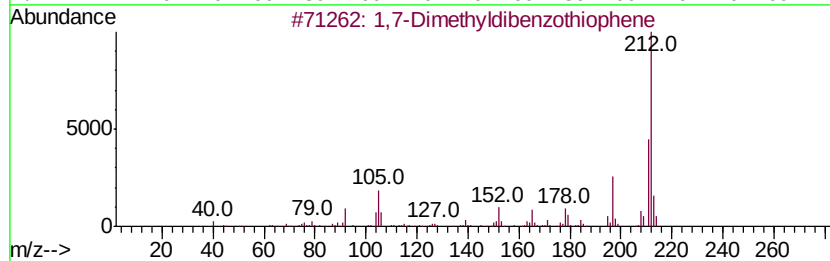
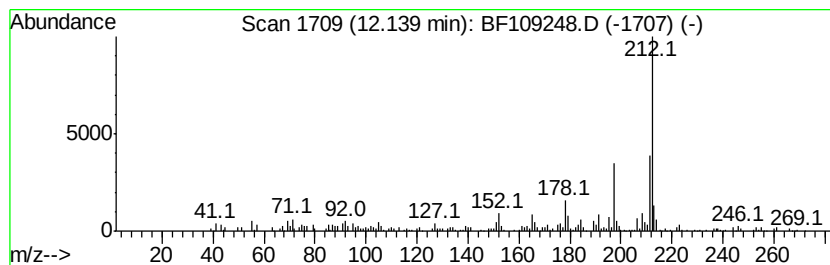
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,7-Dimethyldibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.47 ng	98496	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	93
2		Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	93
3		Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	91
4		2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	87
5		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	87



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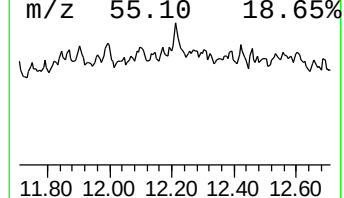
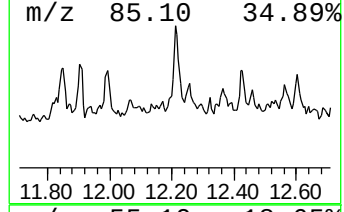
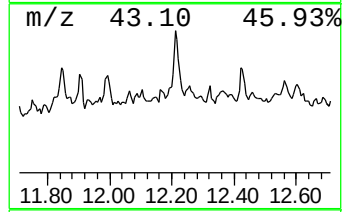
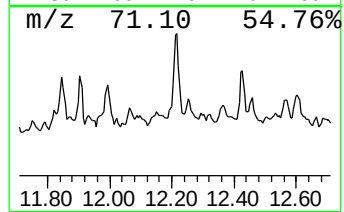
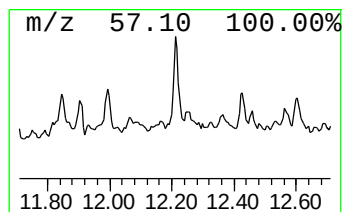
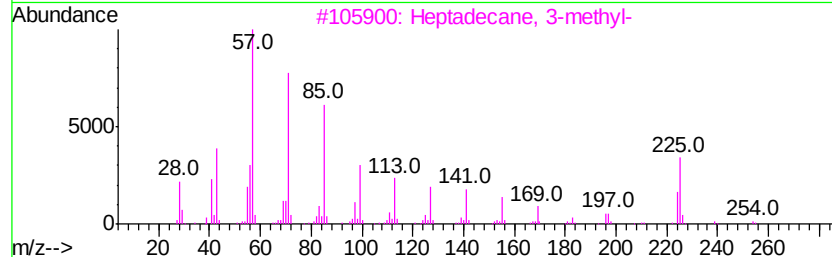
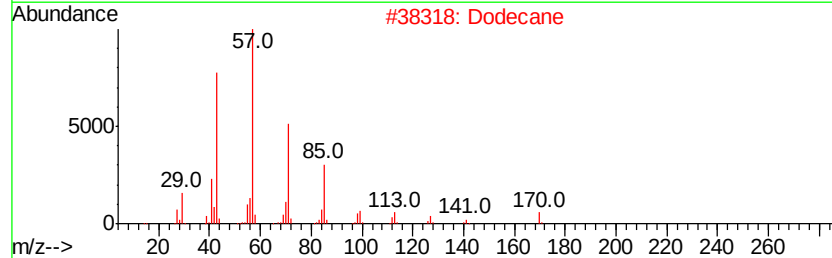
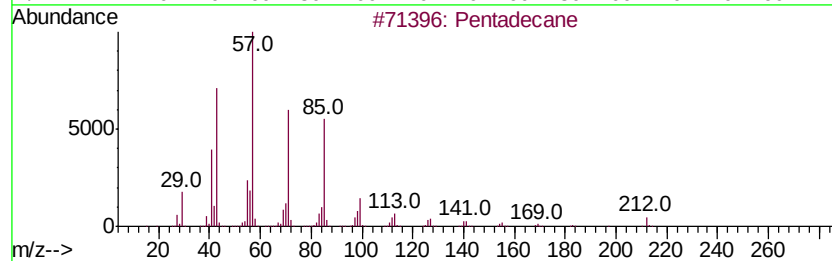
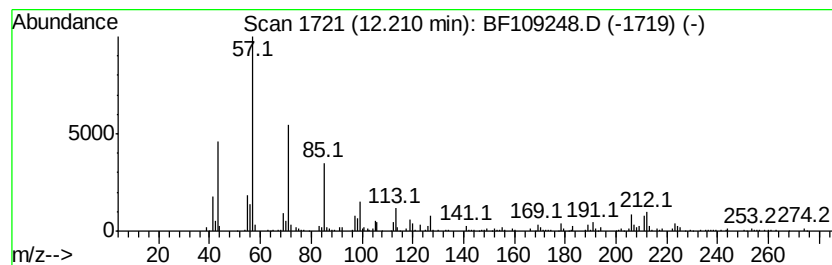
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	6.80 ng	192685	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Dodecane	170	C12H26	000112-40-3	81
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	74
4	Hexacosane	366	C26H54	000630-01-3	72
5	Heptadecane	240	C17H36	000629-78-7	72



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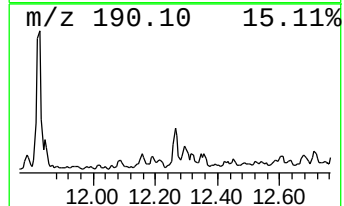
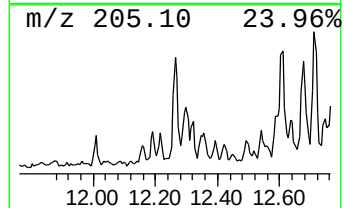
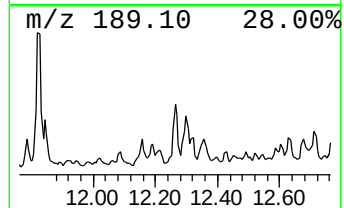
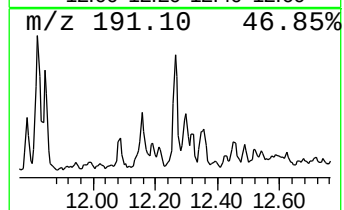
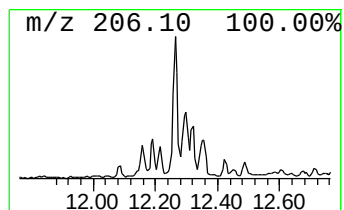
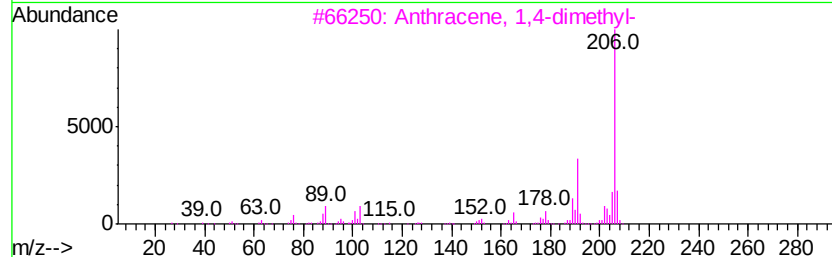
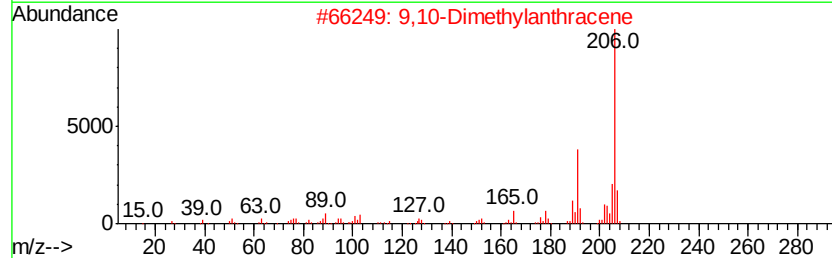
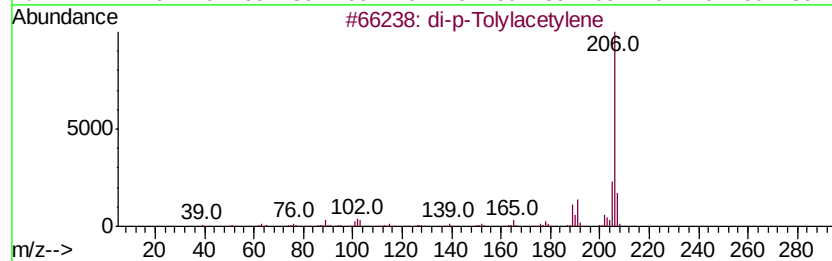
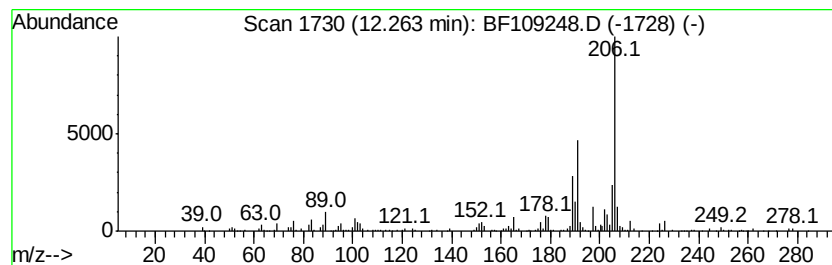
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.01 ng	113782	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	86
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109248.D
Acq On : 23 Sep 2018 4:12
Operator : JU/SJ
Sample : J5017-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-091918-N-EW-057

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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...	4.91	3.5	ng	106415	1	6.70	601540	20.0
unknown6.47	6.47	88.8	ng	2669300	1	6.70	601540	20.0
Dodecane	10.40	2.0	ng	72930	3	9.73	723573	20.0
Tridecane, 4-methyl-	10.67	3.6	ng	102497	4	11.21	567040	20.0
2-Bromotetradecane	11.13	7.4	ng	209894	4	11.21	567040	20.0
Hexacosane	11.48	4.1	ng	115143	4	11.21	567040	20.0
Sulfurous acid, p...	11.57	3.0	ng	85690	4	11.21	567040	20.0
Phenanthrene, 1-m...	11.72	5.0	ng	140716	4	11.21	567040	20.0
Anthracene, 2-met...	11.74	3.6	ng	103239	4	11.21	567040	20.0
1,7-Dimethyldiben...	12.14	3.5	ng	98496	4	11.21	567040	20.0
Pentadecane	12.21	6.8	ng	192685	4	11.21	567040	20.0
di-p-Tolylacetylene	12.26	4.0	ng	113782	4	11.21	567040	20.0