

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103422.D
 Acq On : 5 Mar 2018 21:23
 Operator : SJ/JU
 Sample : J1724-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-32

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.110	3	4	12	rVB	189003	187849	5.06%	0.512%
2	5.110	511	514	525	rBV	61648	100779	2.71%	0.274%
3	5.504	577	581	608	rVV	2711154	3645363	98.11%	9.929%
4	6.522	749	754	771	rBV	2559499	3715622	100.00%	10.120%
5	6.651	771	776	781	rVV	3061321	3347108	90.08%	9.117%
6	6.692	781	783	790	rVB2	71219	86589	2.33%	0.236%
7	6.875	810	814	821	rBV	874873	888583	23.91%	2.420%
8	7.028	836	840	854	rBV	2552477	2545026	68.50%	6.932%
9	7.439	906	910	924	rBV	2033909	2274024	61.20%	6.194%
10	7.692	950	953	958	rVB	51674	54604	1.47%	0.149%
11	8.157	1028	1032	1043	rBV	1183683	1217493	32.77%	3.316%
12	8.875	1150	1154	1159	rBV	69939	77805	2.09%	0.212%
13	8.969	1165	1170	1176	rBV	53285	63225	1.70%	0.172%
14	9.233	1210	1215	1223	rBV	2960228	3049426	82.07%	8.306%
15	9.298	1223	1226	1229	rVB	110578	99936	2.69%	0.272%
16	9.333	1229	1232	1237	rBV	46382	51356	1.38%	0.140%
17	9.498	1256	1260	1264	rBV	42329	61287	1.65%	0.167%
18	9.575	1264	1273	1275	rBV2	59868	94909	2.55%	0.259%
19	9.622	1275	1281	1288	rVB	266187	320493	8.63%	0.873%
20	9.686	1288	1292	1294	rBV3	29760	45555	1.23%	0.124%
21	9.775	1304	1307	1312	rBV2	89776	115088	3.10%	0.313%
22	9.827	1312	1316	1320	rVB	227262	182367	4.91%	0.497%
23	9.916	1327	1331	1334	rBV	1181417	1022483	27.52%	2.785%
24	9.945	1334	1336	1339	rVB	102677	93575	2.52%	0.255%
25	10.016	1343	1348	1352	rBV5	21041	39755	1.07%	0.108%
26	10.057	1352	1355	1358	rBV3	32318	47560	1.28%	0.130%
27	10.122	1362	1366	1368	rBV2	81089	84472	2.27%	0.230%
28	10.151	1368	1371	1375	rVB3	59396	72436	1.95%	0.197%
29	10.227	1381	1384	1387	rBV2	35694	46821	1.26%	0.128%
30	10.304	1394	1397	1398	rBV	41220	43488	1.17%	0.118%
31	10.327	1398	1401	1404	rVB	278163	216925	5.84%	0.591%
32	10.469	1421	1425	1431	rVB	86734	110238	2.97%	0.300%
33	10.545	1433	1438	1441	rVV2	93197	113377	3.05%	0.309%
34	10.710	1462	1466	1478	rBV	1412420	1593558	42.89%	4.340%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.798	1478	1481	1492	rVB	223806	343860	9.25%	0.937%
36	10.951	1504	1507	1509	rBV	43922	41131	1.11%	0.112%
37	10.998	1512	1515	1516	rBV3	37266	38476	1.04%	0.105%
38	11.222	1550	1553	1555	rVB	50284	42201	1.14%	0.115%
39	11.251	1555	1558	1560	rVV	180619	149008	4.01%	0.406%
40	11.280	1560	1563	1565	rVV	65198	71759	1.93%	0.195%
41	11.304	1565	1567	1571	rVB	54507	52758	1.42%	0.144%
42	11.410	1581	1585	1587	rBV	995514	900166	24.23%	2.452%
43	11.433	1587	1589	1593	rVV	890912	736460	19.82%	2.006%
44	11.486	1595	1598	1602	rVB	208993	190111	5.12%	0.518%
45	11.651	1623	1626	1628	rVB	64636	58199	1.57%	0.159%
46	11.674	1628	1630	1633	rVB	84662	70049	1.89%	0.191%
47	11.916	1668	1671	1673	rBV2	200198	219328	5.90%	0.597%
48	11.939	1673	1675	1680	rVV2	171765	196115	5.28%	0.534%
49	11.992	1681	1684	1687	rVV	70212	72533	1.95%	0.198%
50	12.027	1687	1690	1692	rVV2	201655	216553	5.83%	0.590%
51	12.045	1692	1693	1698	rVB	91181	79386	2.14%	0.216%
52	12.086	1698	1700	1704	rBV2	78835	75252	2.03%	0.205%
53	12.204	1717	1720	1723	rBV	96070	88173	2.37%	0.240%
54	12.245	1724	1727	1731	rVB2	82083	89559	2.41%	0.244%
55	12.463	1761	1764	1768	rBV2	100249	155157	4.18%	0.423%
56	12.633	1789	1793	1796	rBV	1177883	1088847	29.30%	2.966%
57	12.863	1829	1832	1837	rVB	1070996	1079445	29.05%	2.940%
58	12.910	1838	1840	1845	rVB2	73544	74045	1.99%	0.202%
59	12.998	1850	1855	1858	rVV	2021894	1914310	51.52%	5.214%
60	13.027	1858	1860	1864	rVB	60482	54505	1.47%	0.148%
61	13.086	1865	1870	1873	rBV2	79189	154695	4.16%	0.421%
62	13.257	1897	1899	1901	rVB	83088	58777	1.58%	0.160%
63	13.874	2001	2004	2009	rBV4	283108	351948	9.47%	0.959%
64	14.068	2032	2037	2040	rBV2	757383	1119854	30.14%	3.050%
65	14.098	2040	2042	2046	rVB	444690	364189	9.80%	0.992%
66	15.145	2217	2220	2223	rBV	237447	358796	9.66%	0.977%
67	15.527	2282	2285	2288	rVB	199992	210715	5.67%	0.574%
68	15.592	2293	2296	2299	rVB	251809	289290	7.79%	0.788%

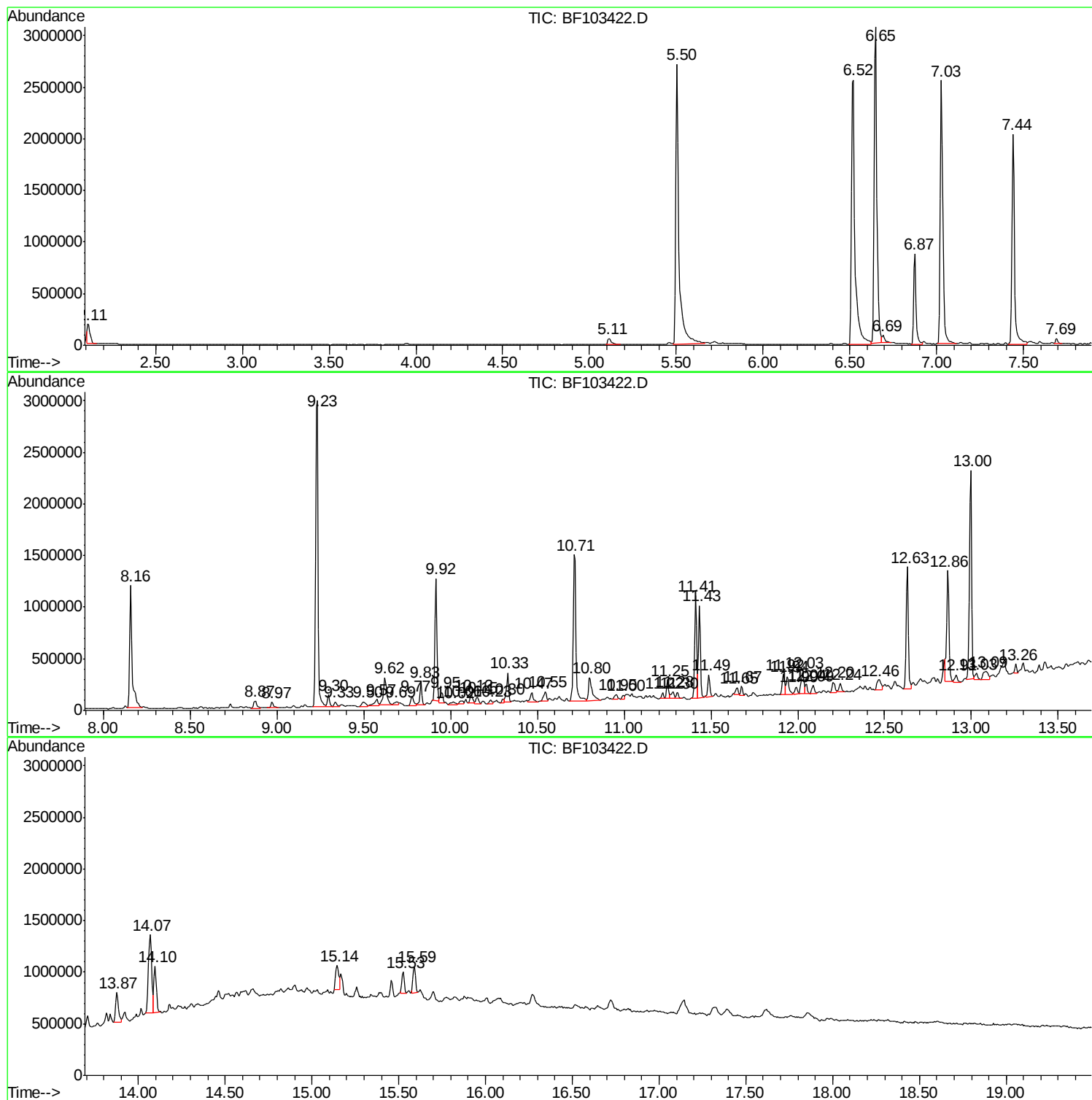
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Instrument :
BNA_F
ClientSampled :
SP-32

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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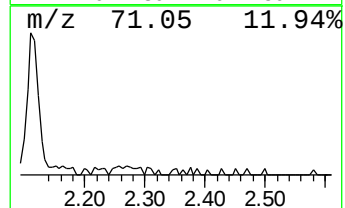
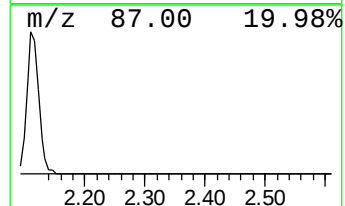
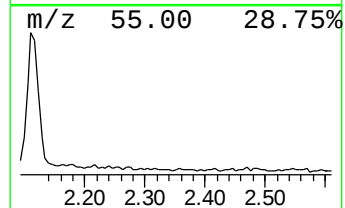
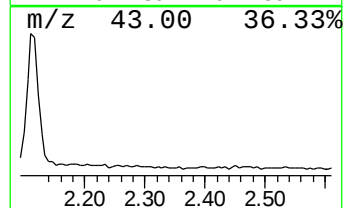
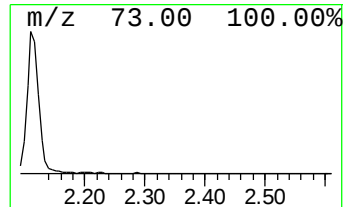
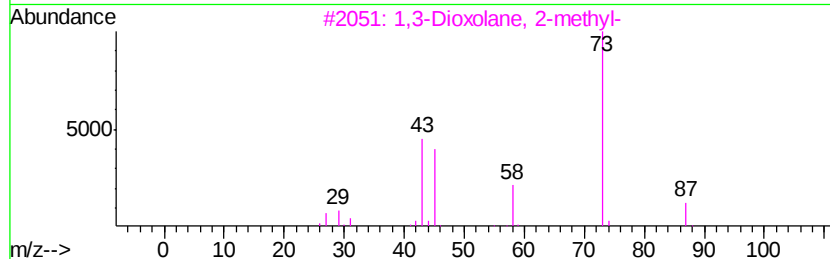
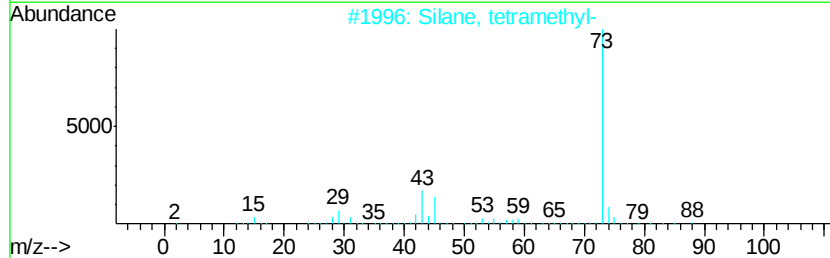
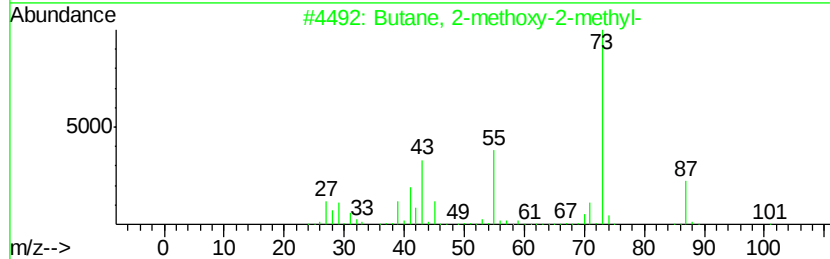
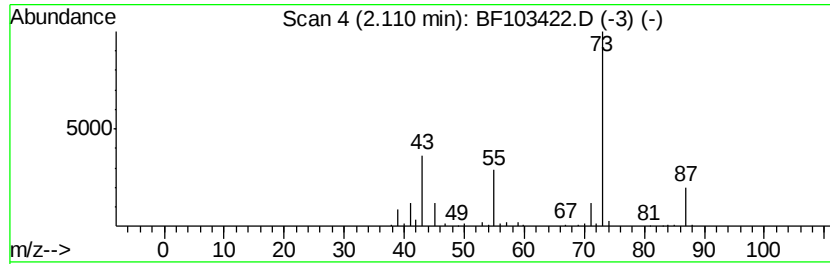
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	4.23 ng	187849	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	12
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	7



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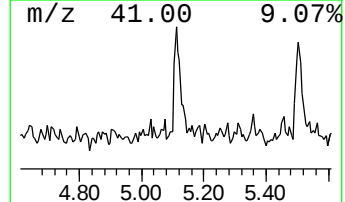
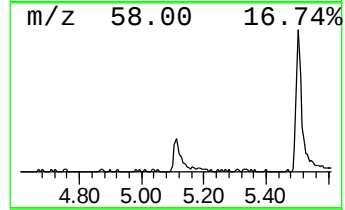
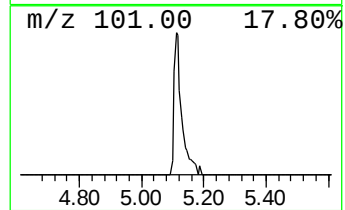
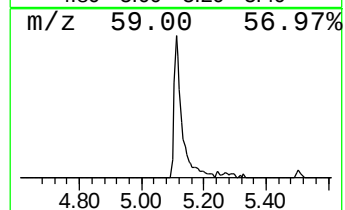
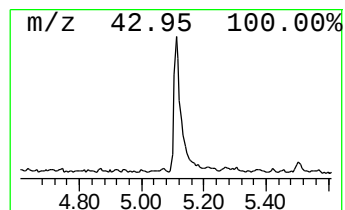
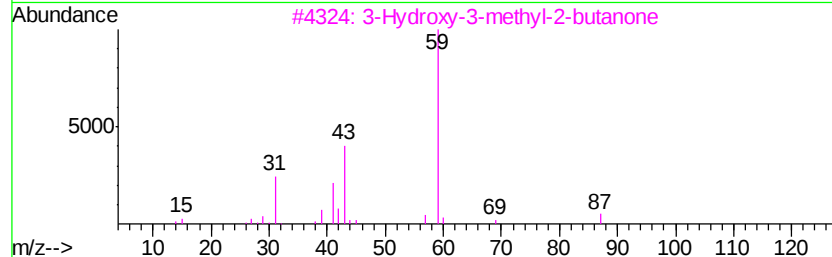
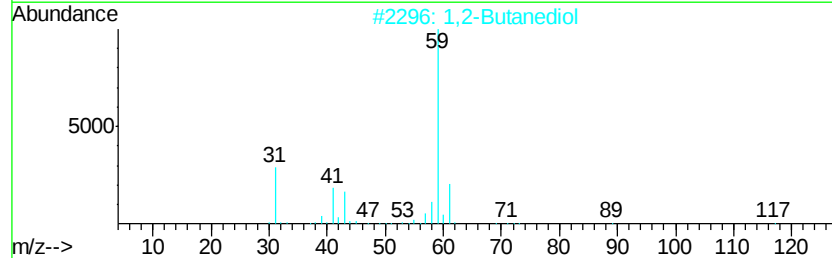
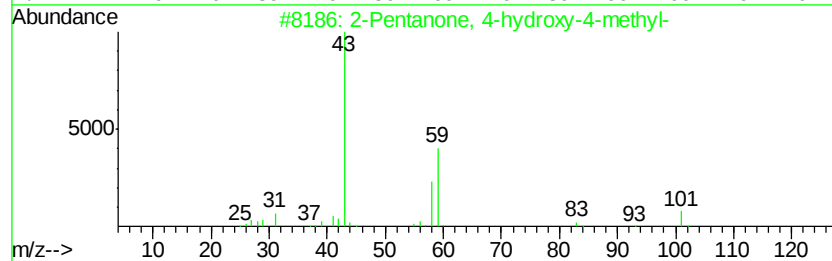
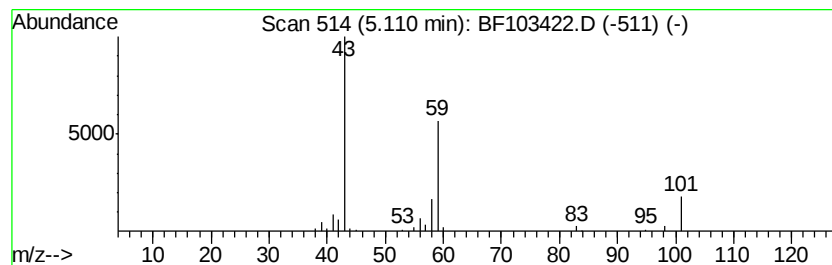
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.27 ng	100779	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
2			1,2-Butanediol	90	C4H10O2	000584-03-2	25
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4			Acetone	58	C3H6O	000067-64-1	9
5			Diacetamide	101	C4H7NO2	000625-77-4	9



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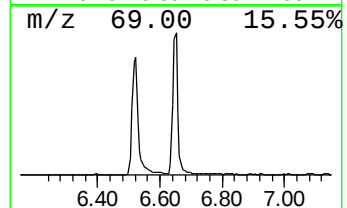
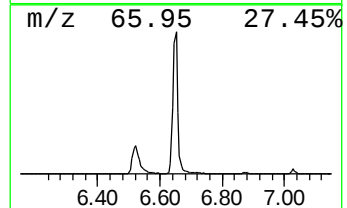
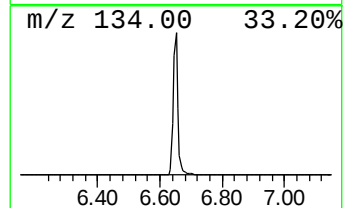
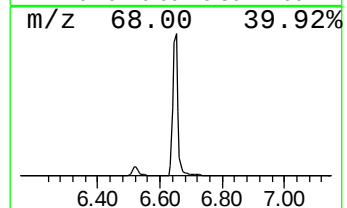
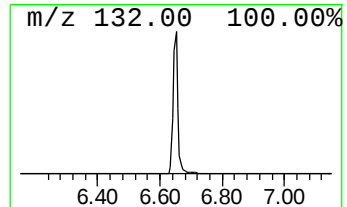
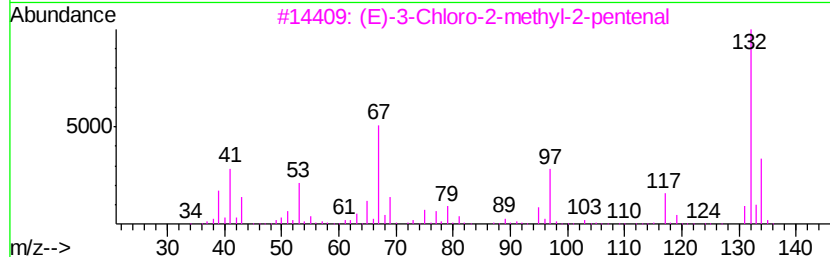
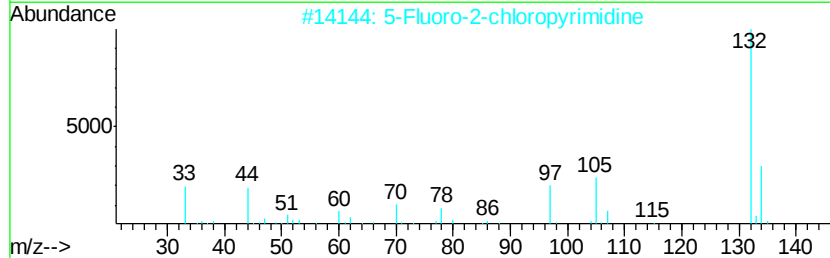
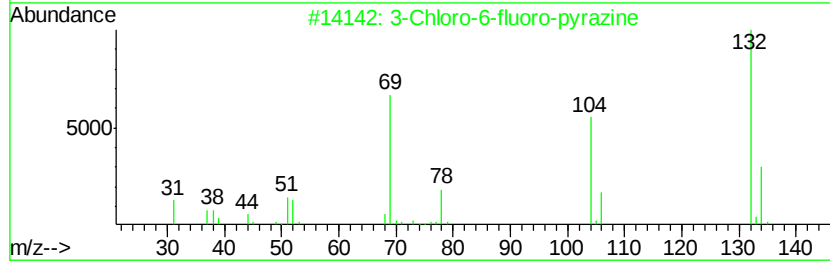
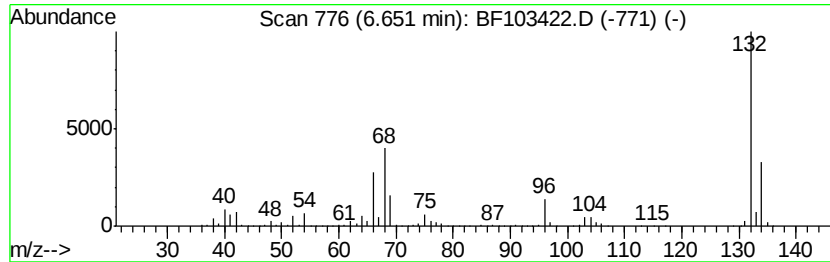
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	75.34 ng	3347110	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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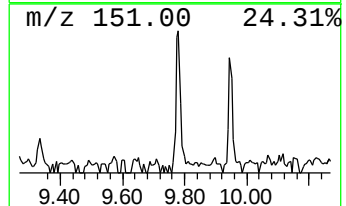
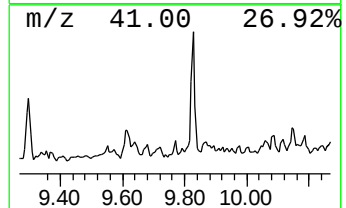
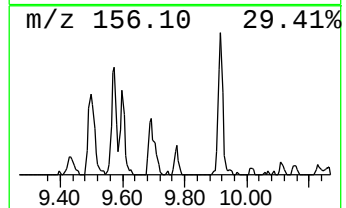
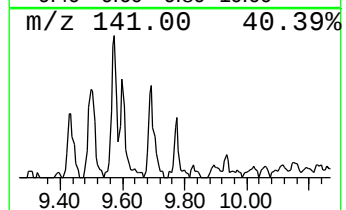
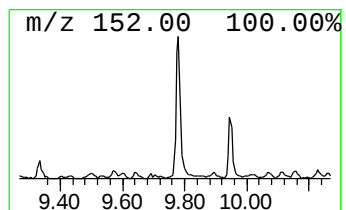
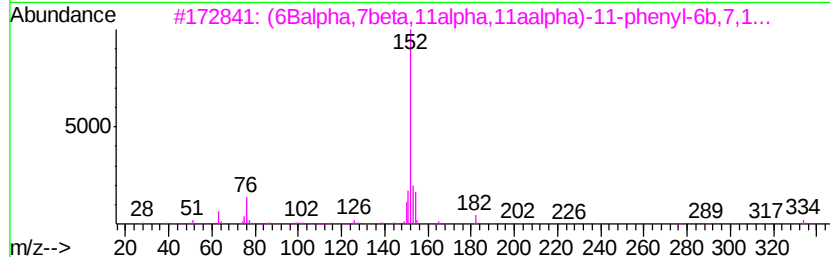
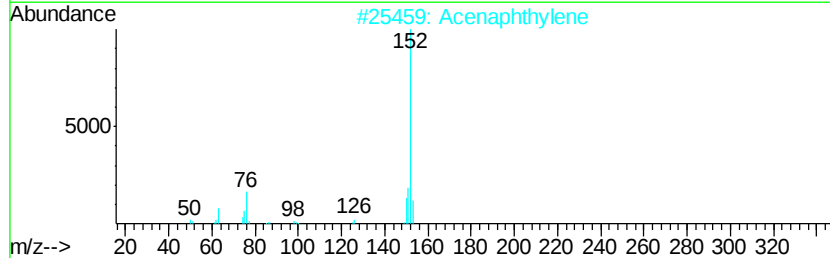
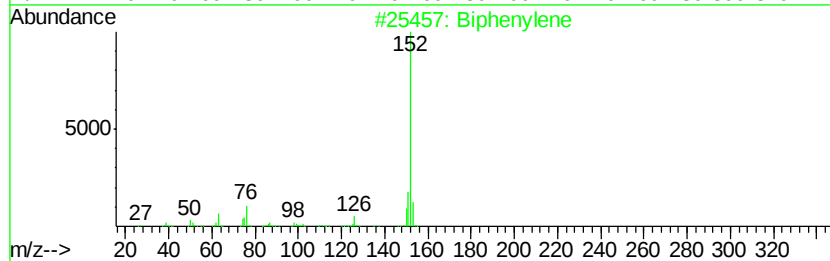
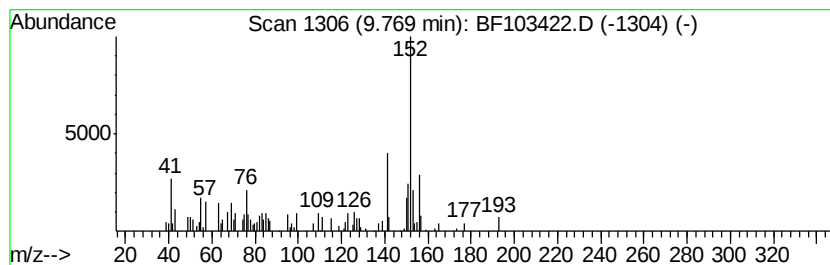
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Peak Number 5 Biphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.25 ng	115088	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenylene	152	C12H8	000259-79-0	94
2		Acenaphthylene	152	C12H8	000208-96-8	62
3		(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	53
4		5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	50
5		5-Chlorobenzimidazole	152	C7H5ClN2	004887-82-5	46



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Acq On : 5 Mar 2018 21:23
Operator : SJ/JU
Sample : J1724-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

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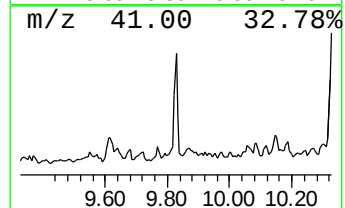
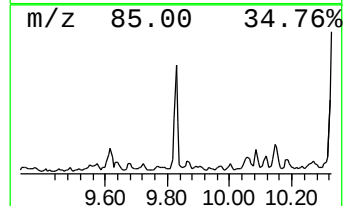
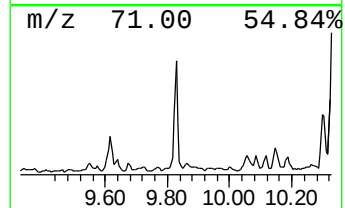
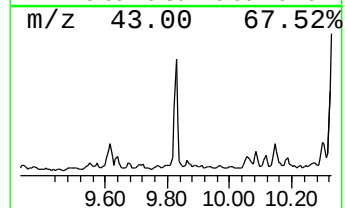
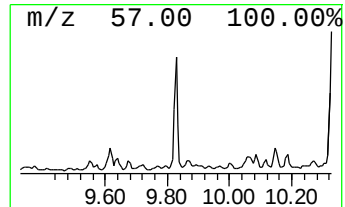
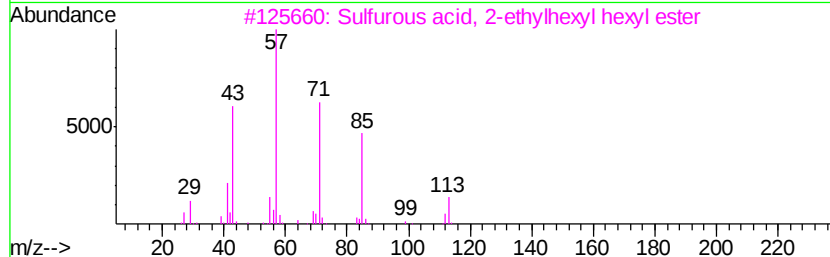
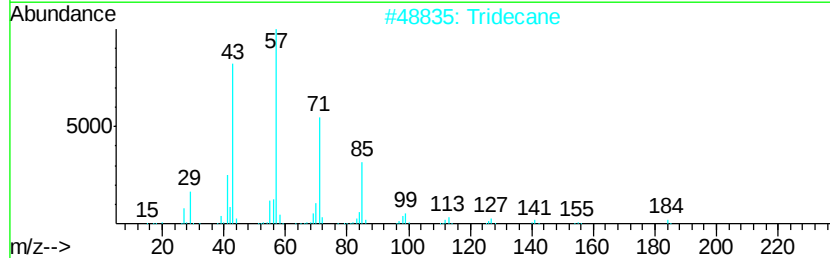
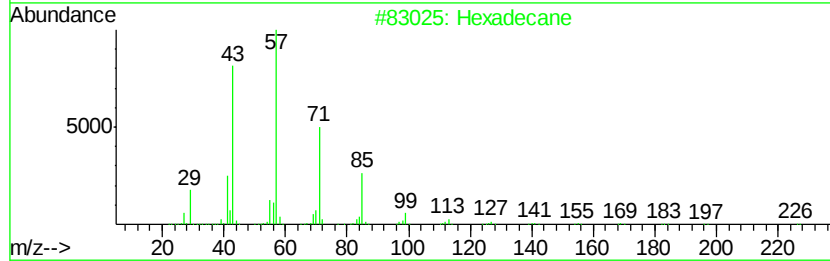
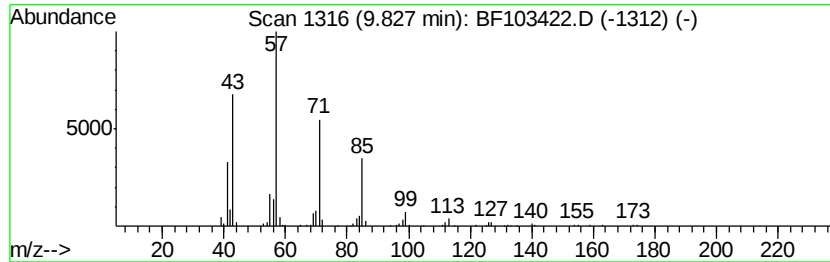
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.57 ng	182367	Acenaphthene-d10	9.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tridecane	184	C13H28	000629-50-5	83
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
5			9-methylheptadecane	254	C18H38	026741-18-4	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103422.D
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Sample : J1724-17
Misc :
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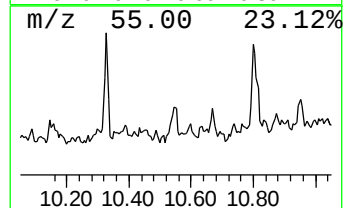
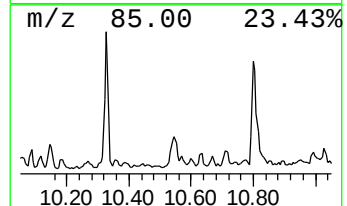
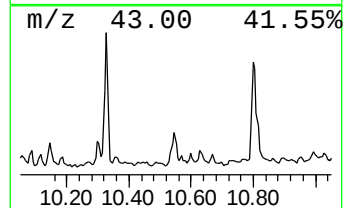
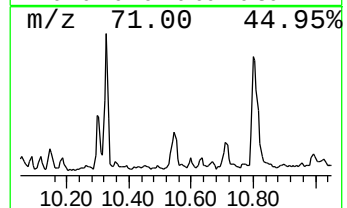
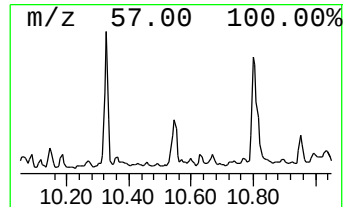
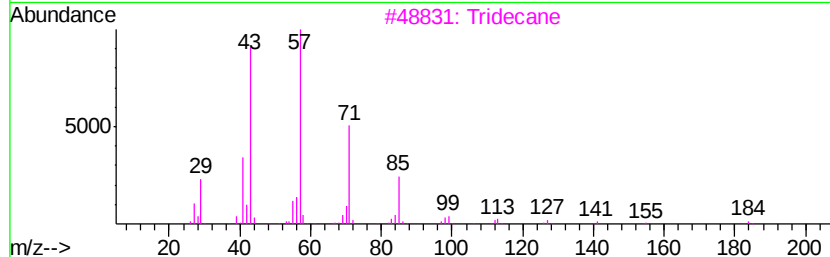
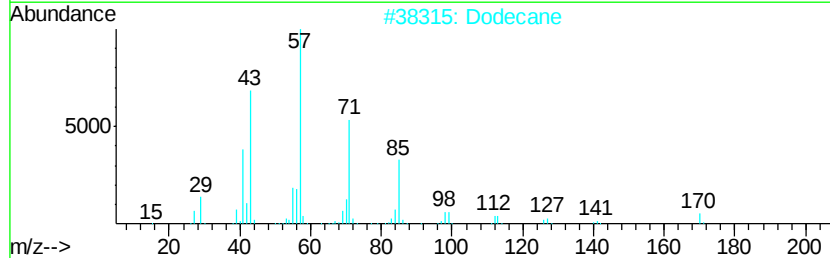
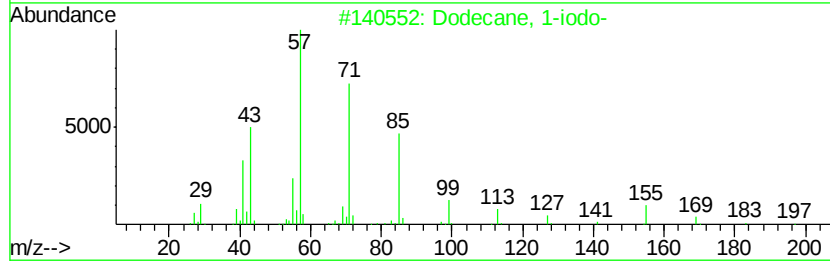
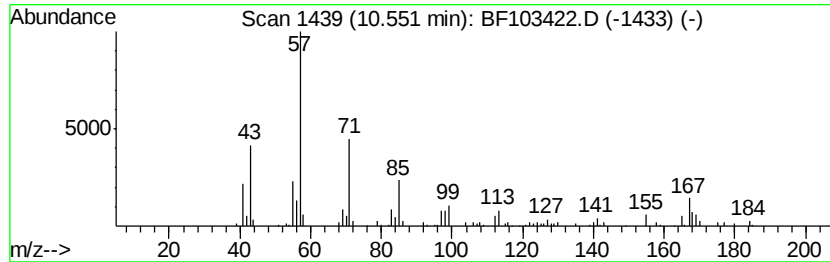
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.55	2.22 ng	113377	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Dodecane	170	C12H26	000112-40-3	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62
5	Octadecane, 6-methyl-	268	C19H40	010544-96-4	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103422.D
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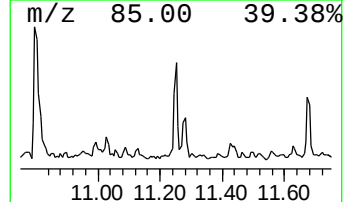
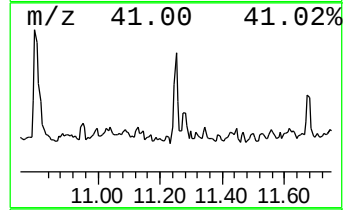
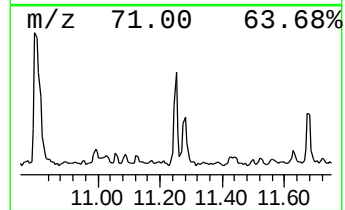
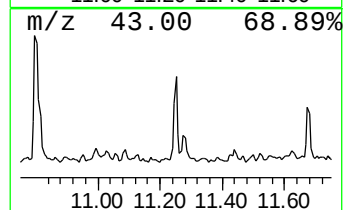
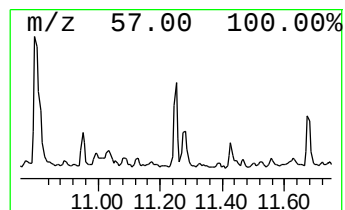
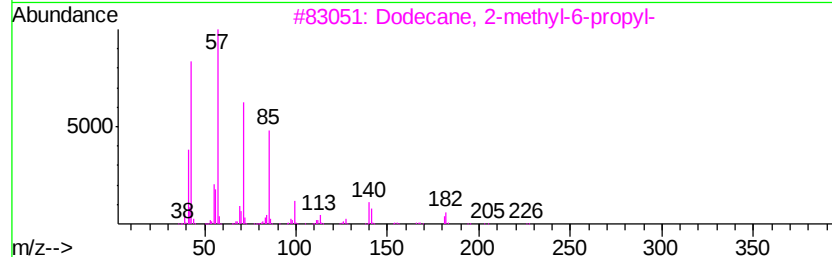
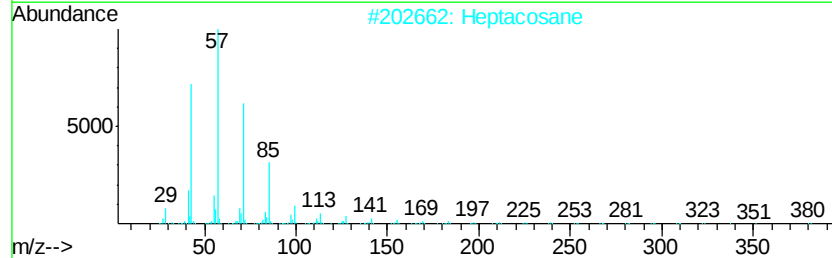
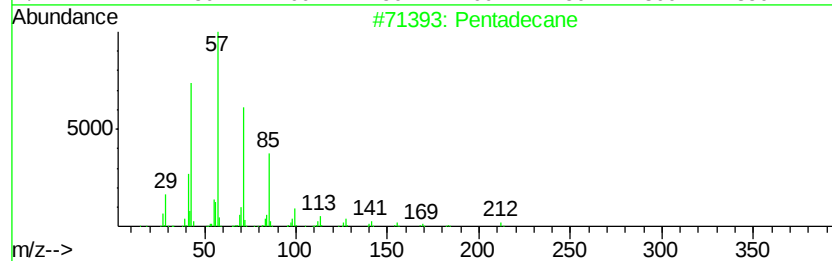
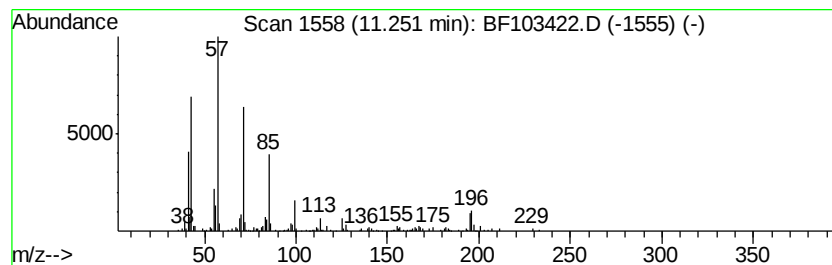
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.31 ng	149008	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	68
2		Heptacosane	380	C27H56	000593-49-7	68
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5		Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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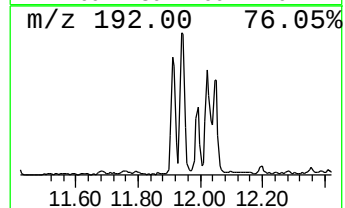
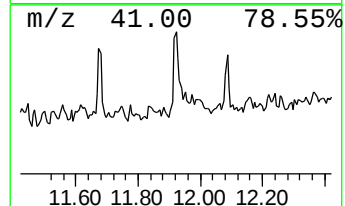
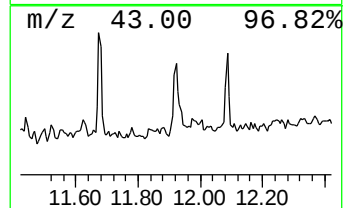
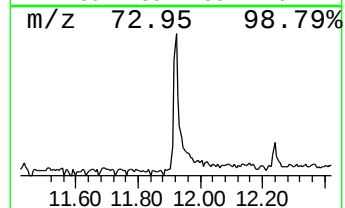
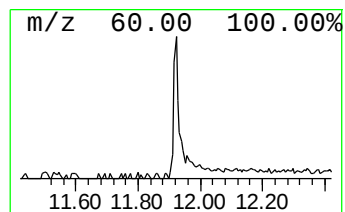
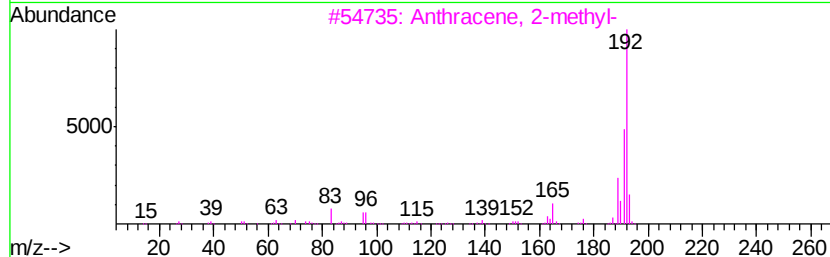
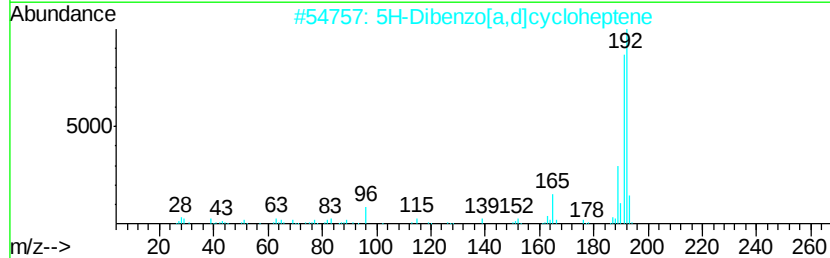
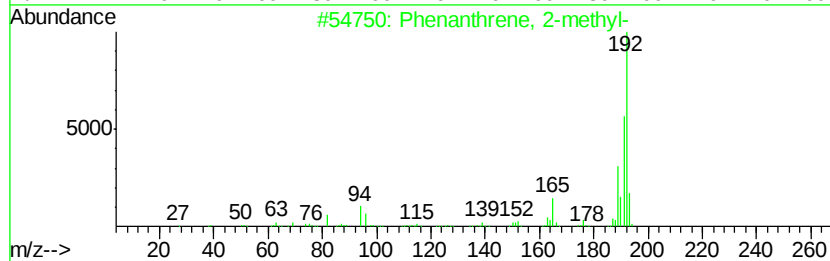
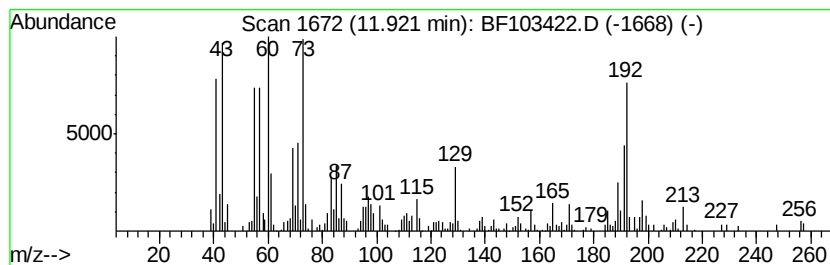
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	4.87 ng	219328	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83



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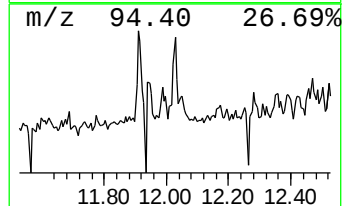
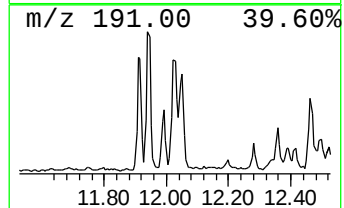
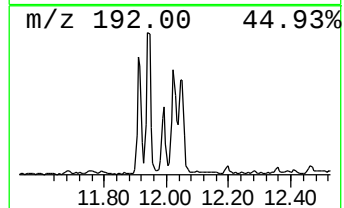
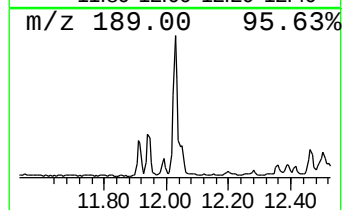
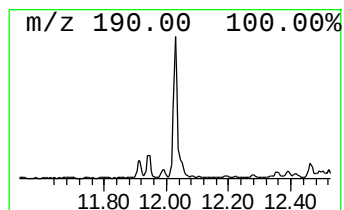
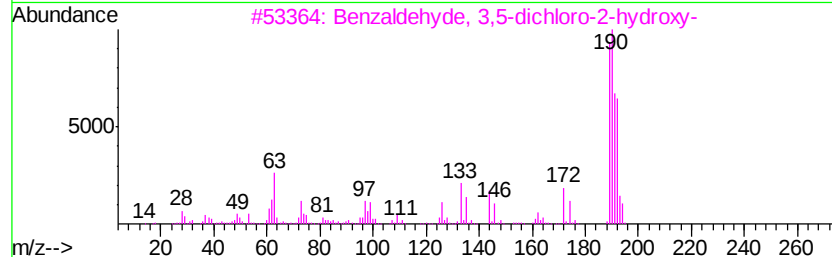
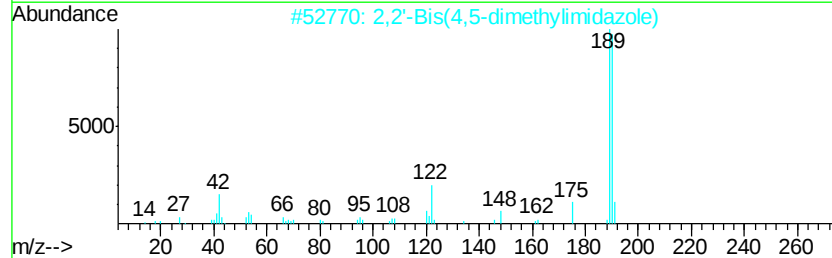
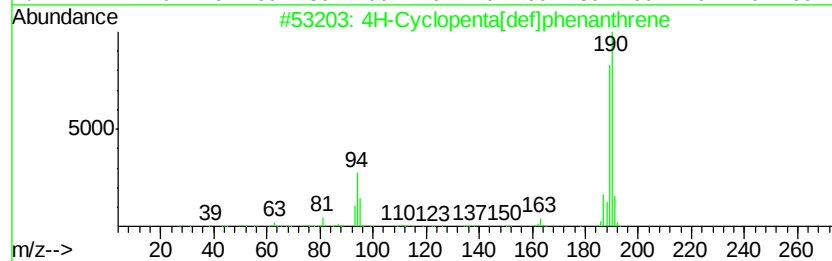
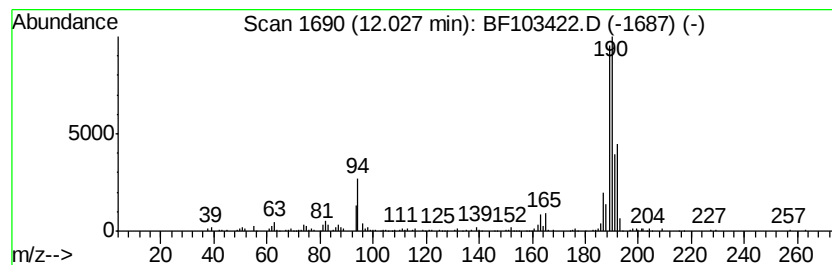
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.81 ng	216553	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	28
4		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12



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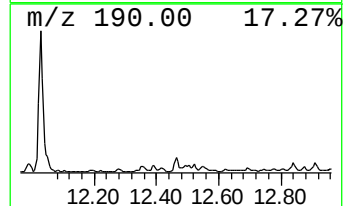
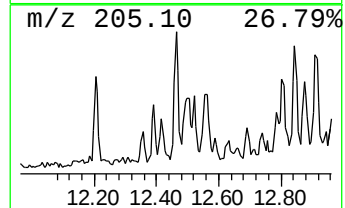
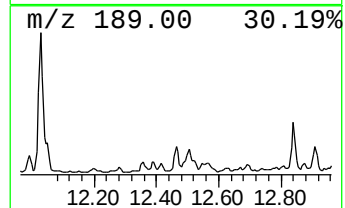
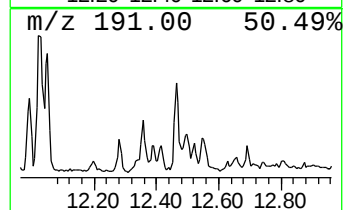
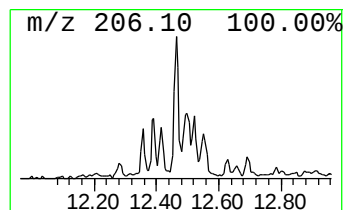
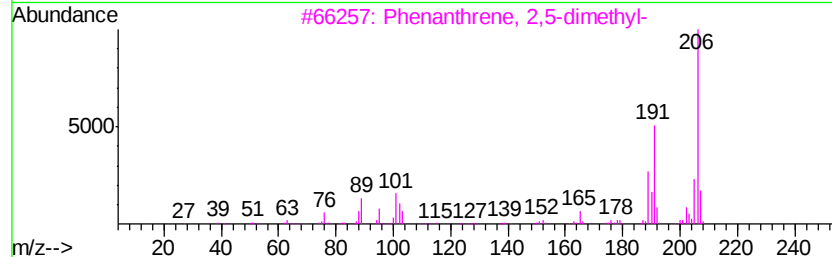
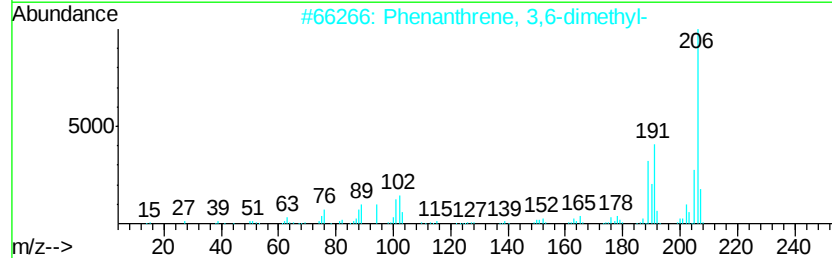
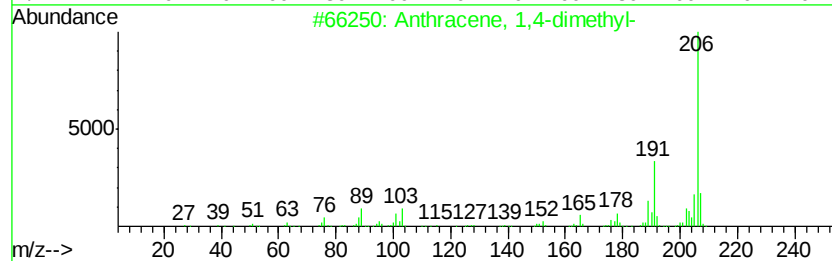
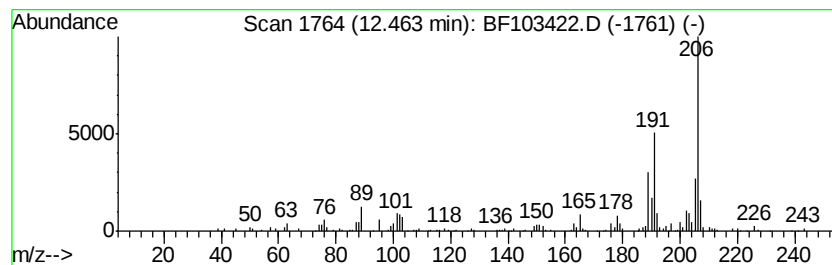
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Anthracene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.45 ng	155157	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
4			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	94



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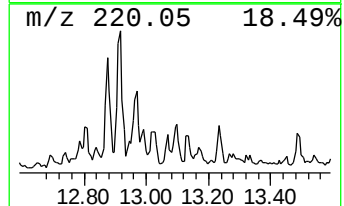
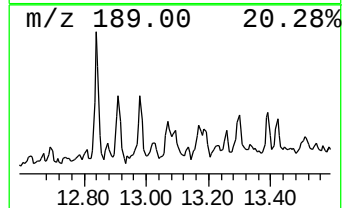
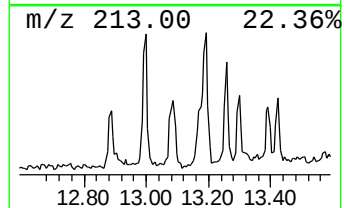
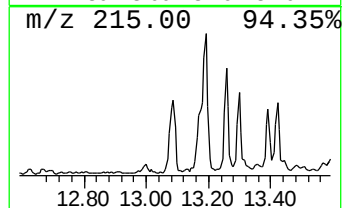
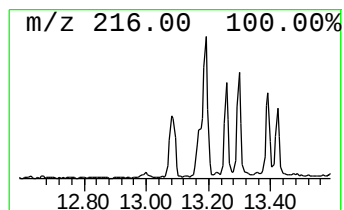
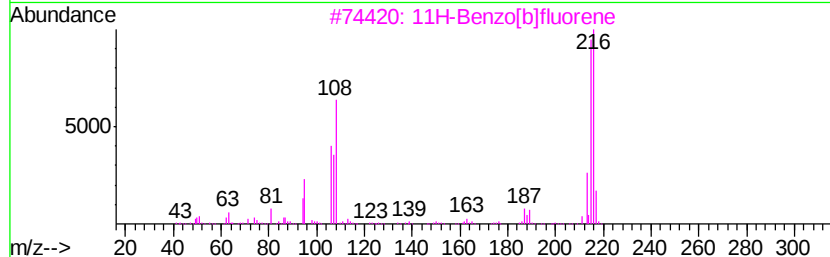
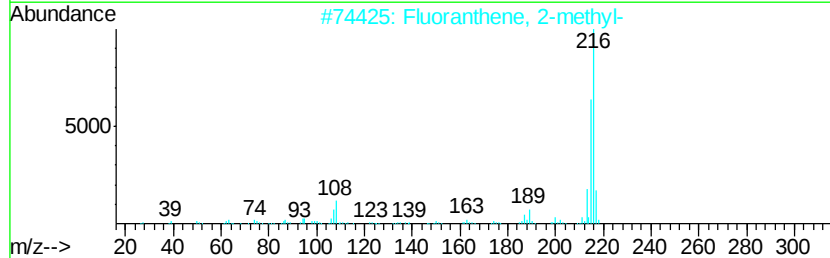
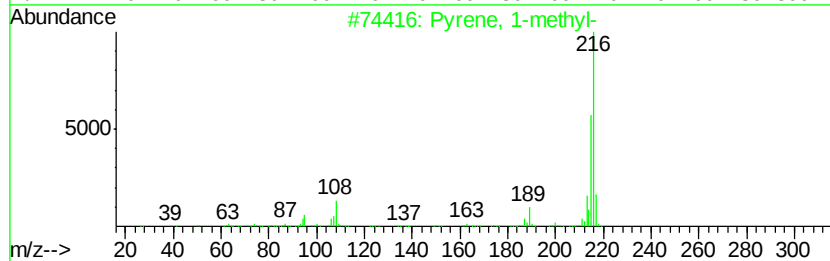
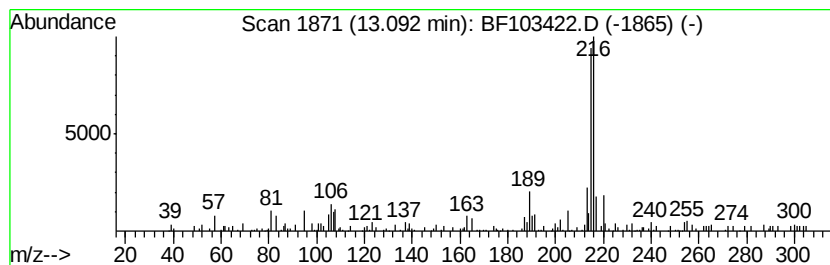
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.76 ng	154695	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103422.D
Acq On : 5 Mar 2018 21:23
Operator : SJ/JU
Sample : J1724-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-32

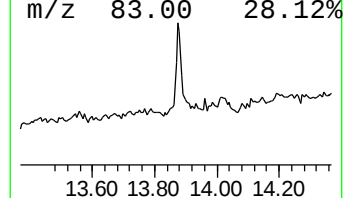
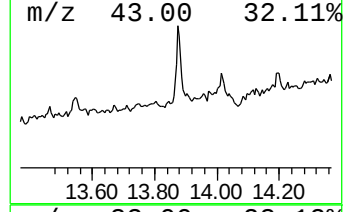
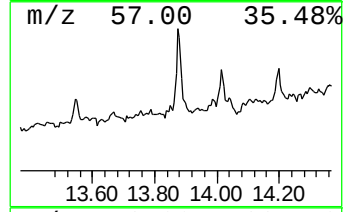
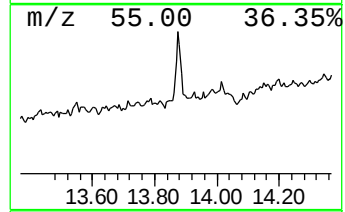
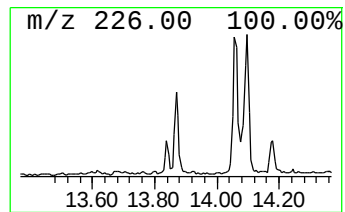
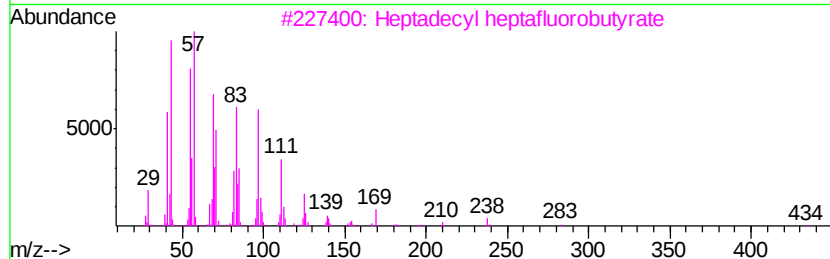
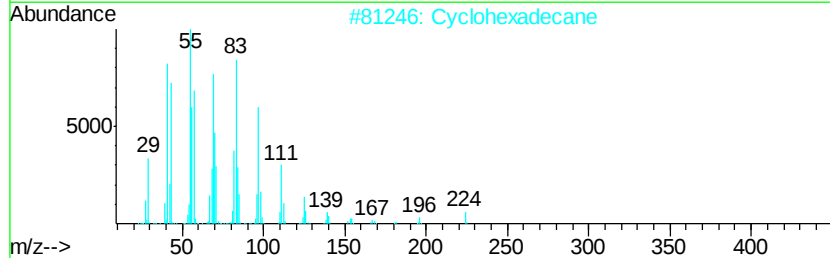
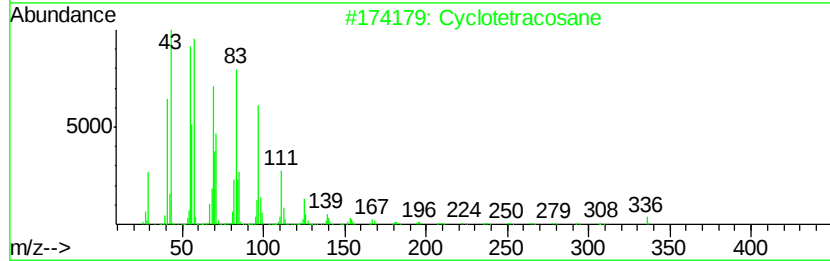
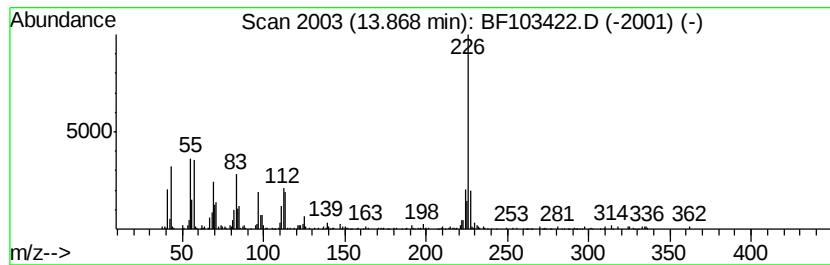
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.29 ng	351948	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		Cyclohexadecane	224	C16H32	000295-65-8	83
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	42
4		1-Tricosene	322	C23H46	018835-32-0	42
5		Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
Data File : BF103422.D
Acq On : 5 Mar 2018 21:23
Operator : SJ/JU
Sample : J1724-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-32

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.11	4.2	ng	187849	1	6.87	888583	20.0
2-Pentanone, 4-hy...	5.11	2.3	ng	100779	1	6.87	888583	20.0
unknown6.65	6.65	75.3	ng	3347110	1	6.87	888583	20.0
Biphenylene	9.77	2.3	ng	115088	3	9.92	1022480	20.0
Hexadecane	9.83	3.6	ng	182367	3	9.92	1022480	20.0
Dodecane, 1-iodo-	10.55	2.2	ng	113377	3	9.92	1022480	20.0
Pentadecane	11.25	3.3	ng	149008	4	11.41	900166	20.0
Phenanthrene, 2-m...	11.92	4.9	ng	219328	4	11.41	900166	20.0
4H-Cyclopenta[def...	12.03	4.8	ng	216553	4	11.41	900166	20.0
Anthracene, 1,4-d...	12.46	3.5	ng	155157	4	11.41	900166	20.0
Pyrene, 1-methyl-	13.09	2.8	ng	154695	5	14.07	1119850	20.0
Cyclotetracosane	13.87	6.3	ng	351948	5	14.07	1119850	20.0