

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022818\
 Data File : BF103315.D
 Acq On : 1 Mar 2018 1:11
 Operator : SJ/JU
 Sample : J1720-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-31

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	2.128	3	7	15	rVB	250309	315182	8.30%	0.860%
2	5.110	511	514	523	rBV	85430	116395	3.07%	0.318%
3	5.498	576	580	601	rVB	3575108	3797468	100.00%	10.365%
4	6.510	747	752	771	rBV	3266866	3786976	99.72%	10.336%
5	6.645	771	775	779	rBV	3575500	3580998	94.30%	9.774%
6	6.875	810	814	820	rBV	1073220	961535	25.32%	2.624%
7	7.028	836	840	844	rBV	2792684	2722714	71.70%	7.432%
8	7.439	906	910	913	rBV	2469708	2374586	62.53%	6.481%
9	8.157	1028	1032	1047	rVB	1331945	1309812	34.49%	3.575%
10	8.875	1150	1154	1160	rBV	41538	44465	1.17%	0.121%
11	9.227	1210	1214	1224	rBV	3220382	3334821	87.82%	9.102%
12	9.298	1224	1226	1229	rVB	79774	65703	1.73%	0.179%
13	9.622	1275	1281	1288	rBV	248203	280018	7.37%	0.764%
14	9.775	1303	1307	1312	rBV	56032	59464	1.57%	0.162%
15	9.827	1313	1316	1320	rVV	157757	130791	3.44%	0.357%
16	9.916	1327	1331	1334	rBV	1189992	1146280	30.19%	3.129%
17	9.945	1334	1336	1343	rVB	92883	87543	2.31%	0.239%
18	10.122	1362	1366	1368	rBV2	51192	55405	1.46%	0.151%
19	10.151	1368	1371	1375	rVB2	47061	45250	1.19%	0.124%
20	10.304	1394	1397	1399	rBV	193765	157162	4.14%	0.429%
21	10.327	1399	1401	1404	rVB	179066	138784	3.65%	0.379%
22	10.463	1421	1424	1430	rVB	54848	58662	1.54%	0.160%
23	10.551	1433	1439	1441	rBV2	47481	59514	1.57%	0.162%
24	10.704	1461	1465	1479	rBV	1563861	1763702	46.44%	4.814%
25	10.804	1479	1482	1492	rVB	125382	177209	4.67%	0.484%
26	10.998	1511	1515	1521	rBV4	47426	72004	1.90%	0.197%
27	11.216	1549	1552	1555	rBV	38285	39354	1.04%	0.107%
28	11.251	1555	1558	1561	rVV	89010	83762	2.21%	0.229%
29	11.404	1580	1584	1586	rBV	1051560	933771	24.59%	2.549%
30	11.427	1586	1588	1593	rVV	607397	531057	13.98%	1.450%
31	11.480	1594	1597	1602	rVB	106768	114316	3.01%	0.312%
32	11.639	1621	1624	1628	rVB	52702	64109	1.69%	0.175%
33	11.916	1666	1671	1673	rBV2	107652	143299	3.77%	0.391%
34	11.933	1673	1674	1680	rVB2	94058	89125	2.35%	0.243%

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35	12.021	1685	1689	1691	rVV2	111815	133257	3.51%	0.364%
36	12.039	1691	1692	1698	rVB	52627	49553	1.30%	0.135%
37	12.198	1717	1719	1722	rBV	52057	49735	1.31%	0.136%
38	12.239	1723	1726	1730	rVB	63781	68002	1.79%	0.186%
39	12.457	1760	1763	1765	rBV	54499	55108	1.45%	0.150%
40	12.551	1776	1779	1782	rVB2	43703	41448	1.09%	0.113%
41	12.621	1787	1791	1795	rBV	834719	755437	19.89%	2.062%
42	12.798	1819	1821	1823	rVB3	48349	41647	1.10%	0.114%
43	12.851	1824	1830	1836	rBV	698122	884072	23.28%	2.413%
44	12.898	1836	1838	1843	rVB2	35746	41939	1.10%	0.114%
45	12.992	1849	1854	1857	rBV	2149204	2070301	54.52%	5.651%
46	13.068	1863	1867	1872	rBV2	52146	96715	2.55%	0.264%
47	13.180	1879	1886	1888	rBV2	105076	171496	4.52%	0.468%
48	13.245	1895	1897	1900	rBV	62171	52100	1.37%	0.142%
49	13.286	1901	1904	1907	rVV2	49587	55949	1.47%	0.153%
50	13.410	1922	1925	1930	rBV3	46086	76738	2.02%	0.209%
51	13.692	1971	1973	1977	rVB	74736	72645	1.91%	0.198%
52	13.804	1989	1992	1994	rBV	66970	63708	1.68%	0.174%
53	13.827	1994	1996	1999	rBV3	63359	64039	1.69%	0.175%
54	13.868	2000	2003	2007	rVB3	212285	228781	6.02%	0.624%
55	14.015	2025	2028	2030	rBV2	75582	92286	2.43%	0.252%
56	14.057	2030	2035	2037	rVV2	879481	1182262	31.13%	3.227%
57	14.080	2037	2039	2047	rVB	396695	367647	9.68%	1.003%
58	15.121	2212	2216	2218	rBV	263250	360718	9.50%	0.985%
59	15.427	2266	2268	2274	rVB	158323	193102	5.09%	0.527%
60	15.492	2276	2279	2284	rVB	214540	272521	7.18%	0.744%
61	15.556	2287	2290	2294	rVB2	362120	454792	11.98%	1.241%

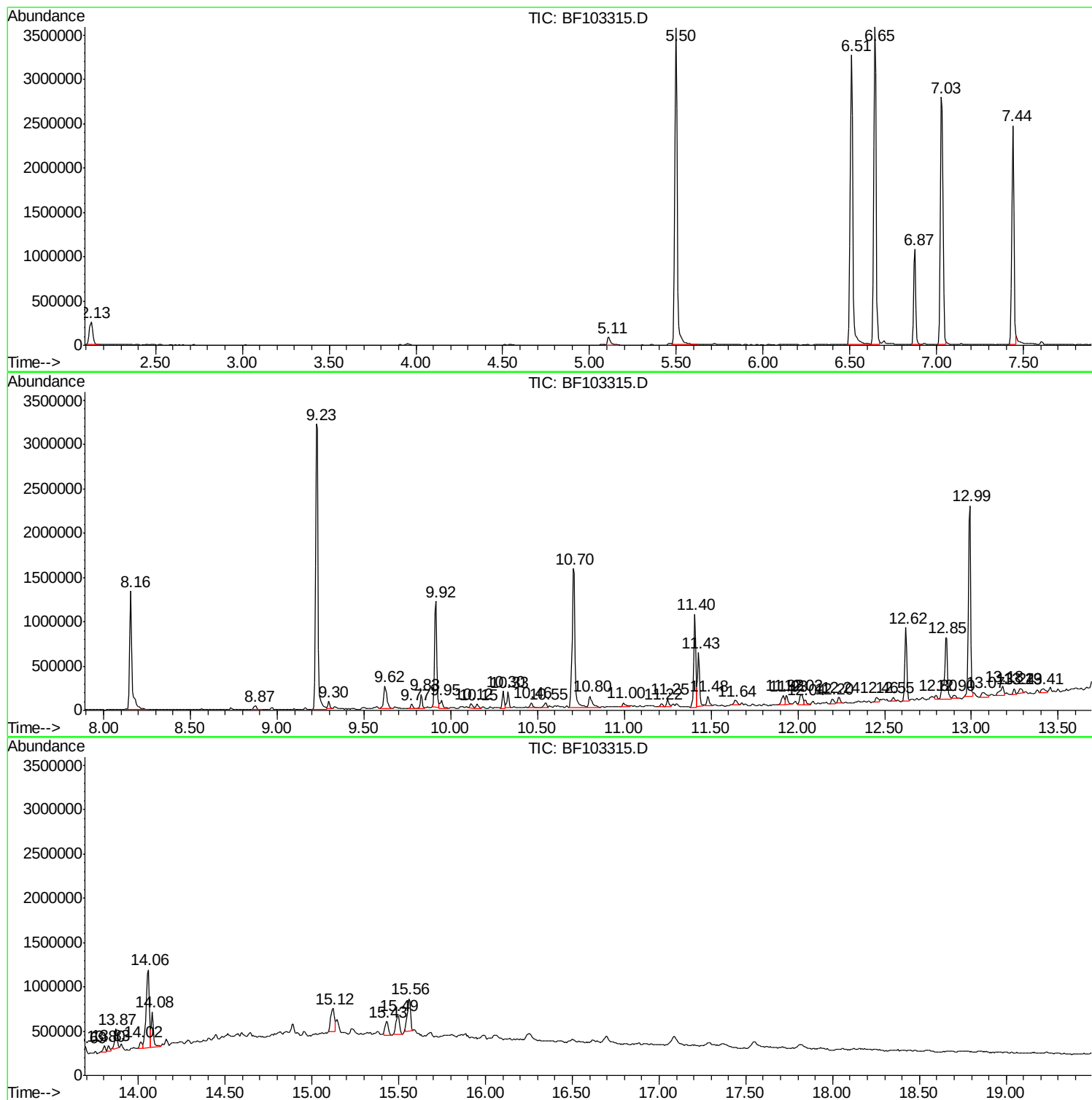
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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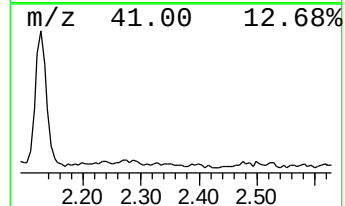
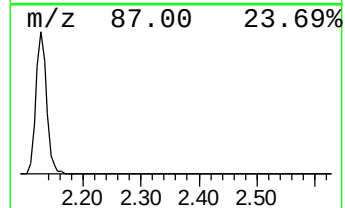
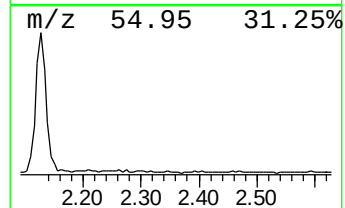
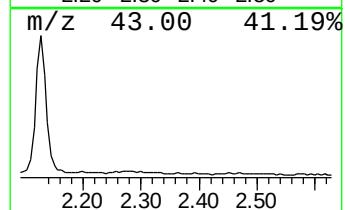
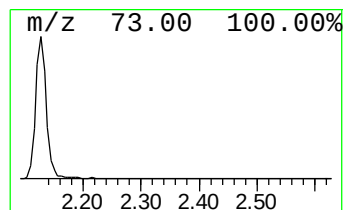
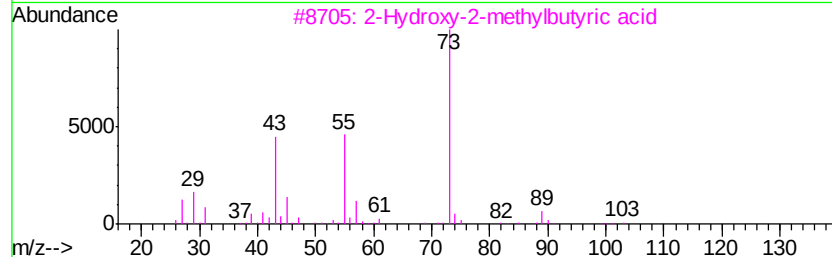
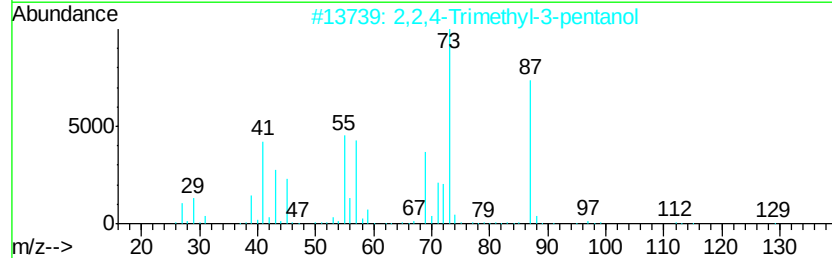
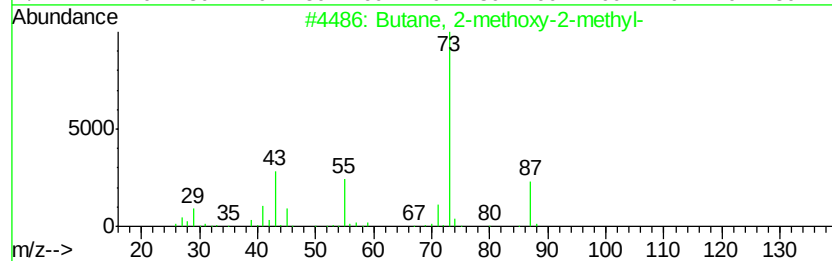
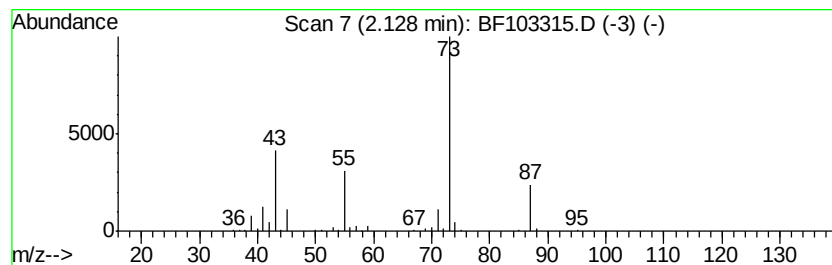
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	6.56 ng	315182	1,4-Dichlorobenzene-d4	6.87

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			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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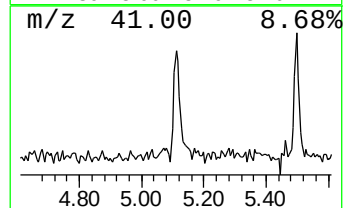
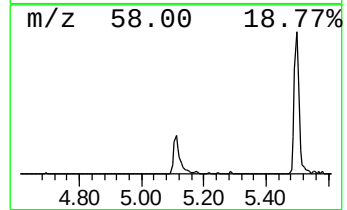
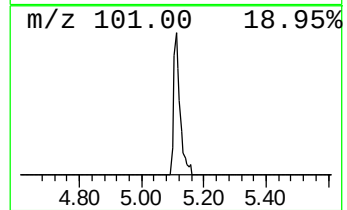
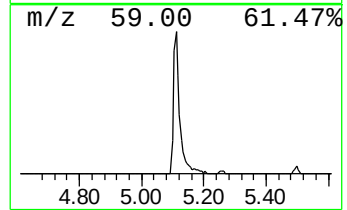
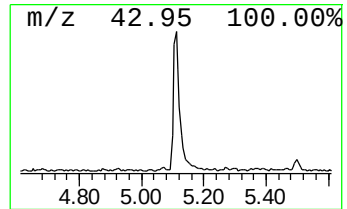
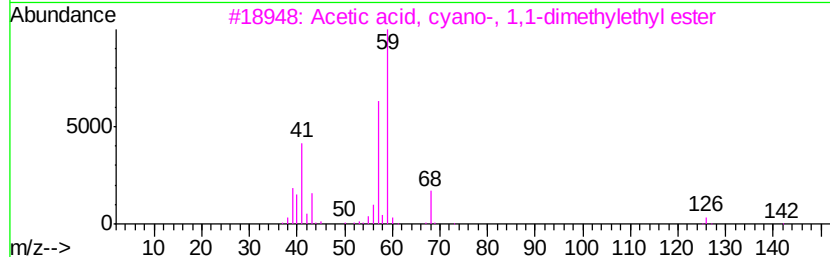
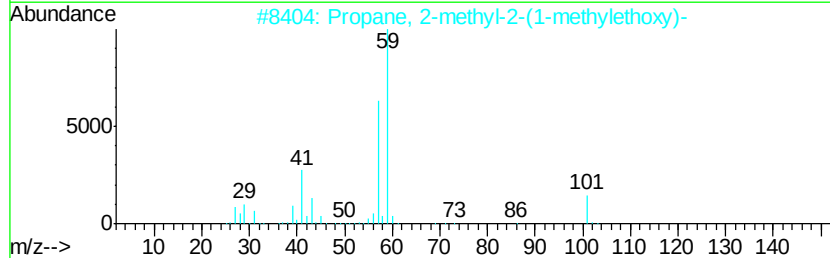
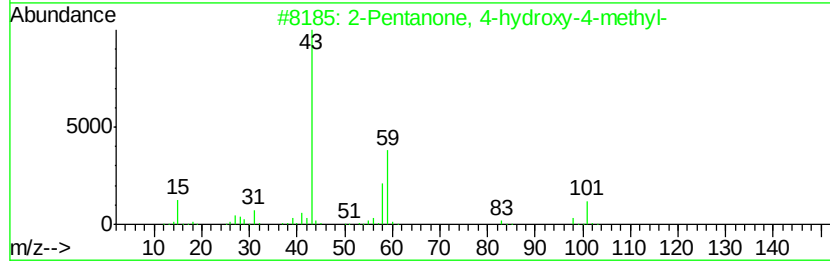
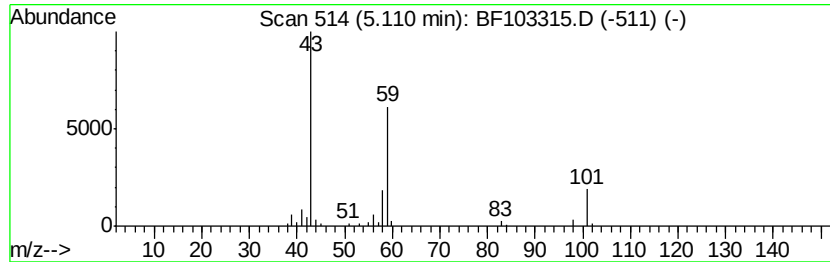
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.42 ng	116395	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	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	37
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			2-Nonanone	142	C9H18O	000821-55-6	17



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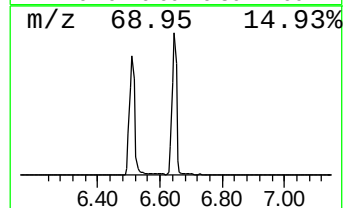
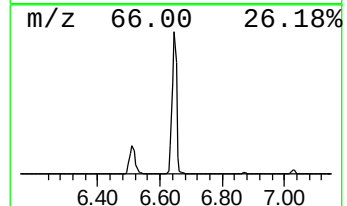
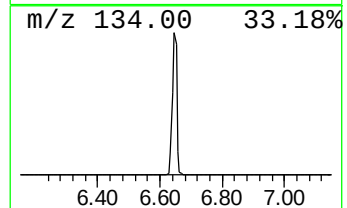
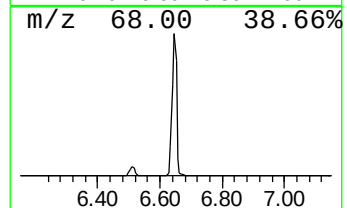
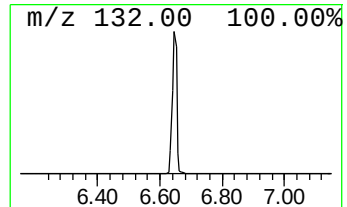
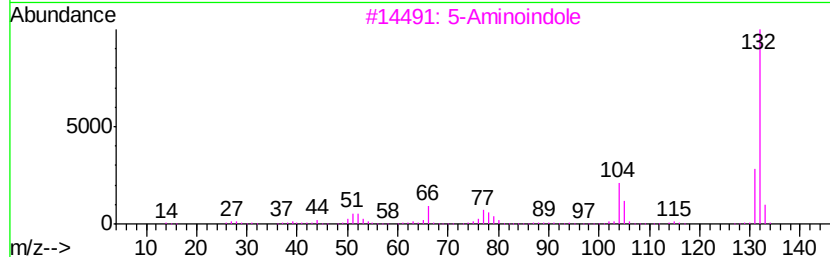
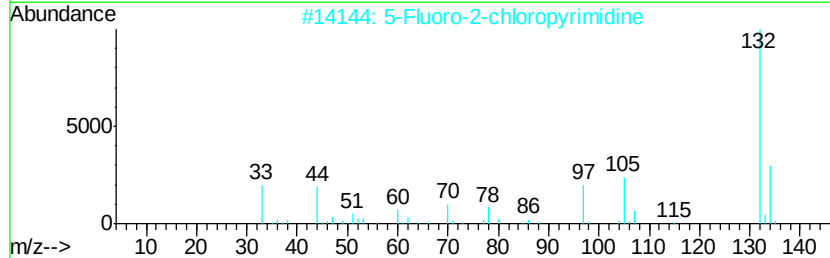
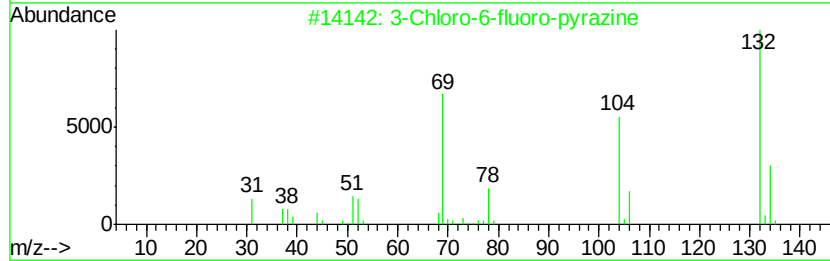
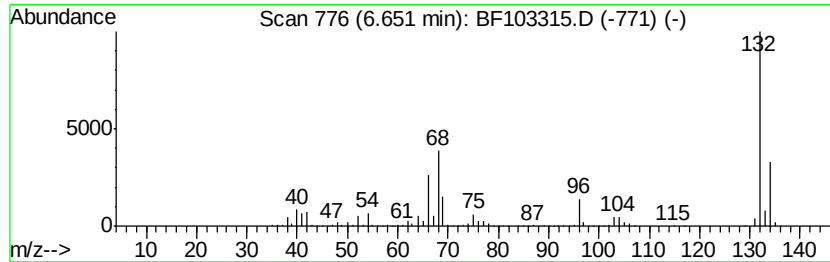
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	74.49 ng	3581000	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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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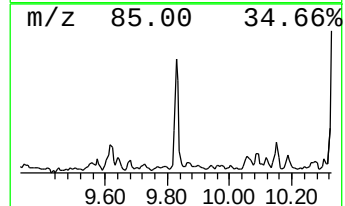
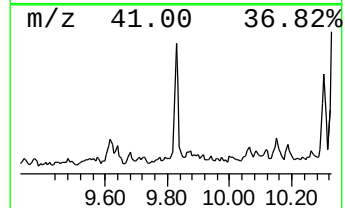
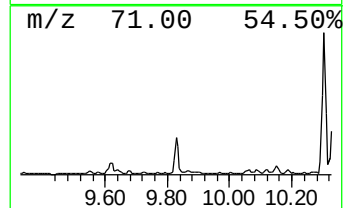
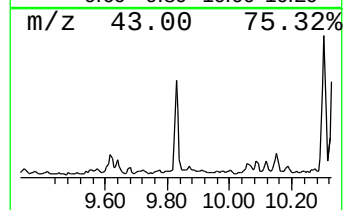
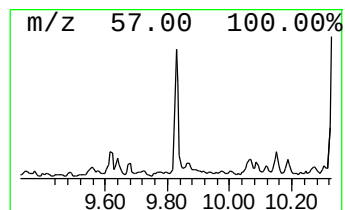
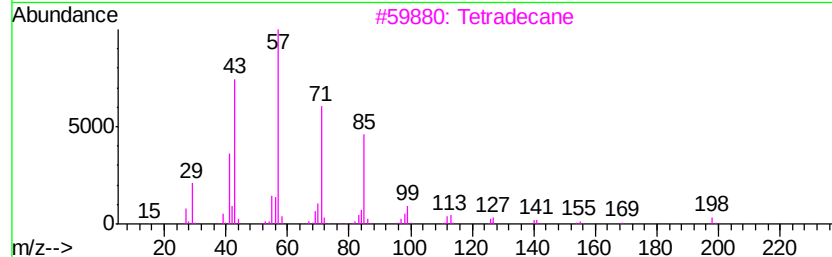
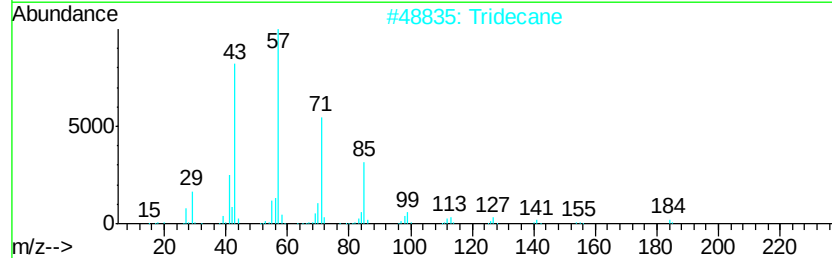
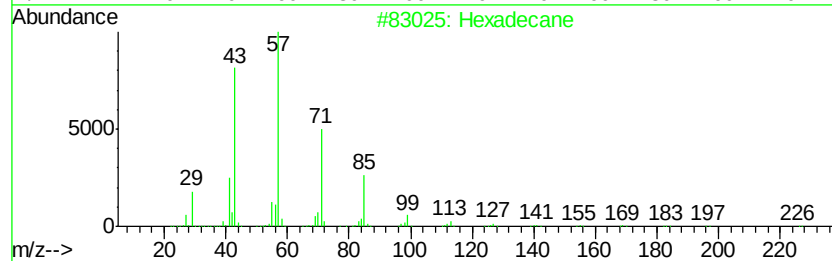
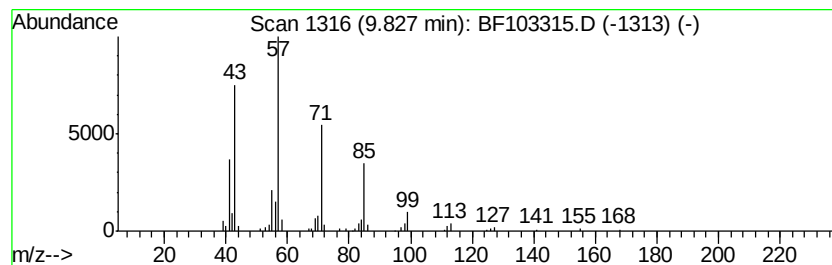
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.28 ng	130791	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Tetradecane		198	C14H30	000629-59-4	80
4	Pentadecane		212	C15H32	000629-62-9	72
5	Sulfurous acid, butyl nonyl ester		264	C13H28O3S	1000309-17-6	53



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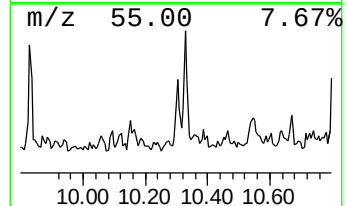
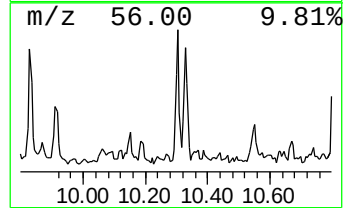
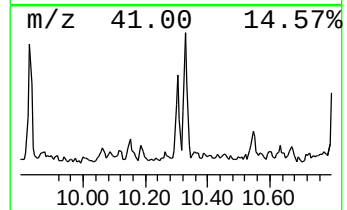
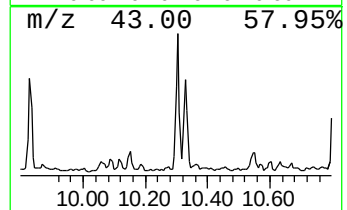
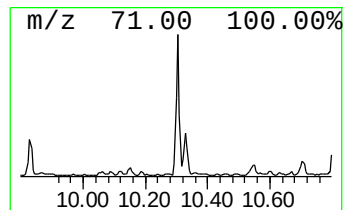
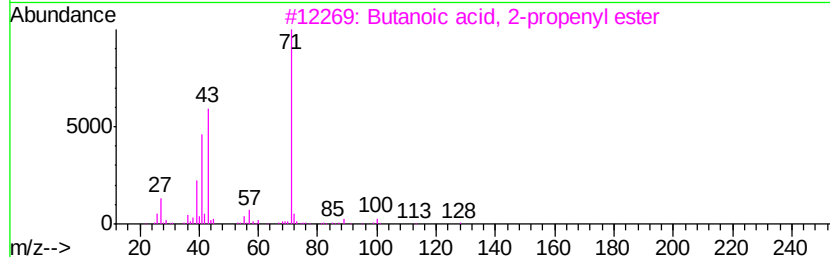
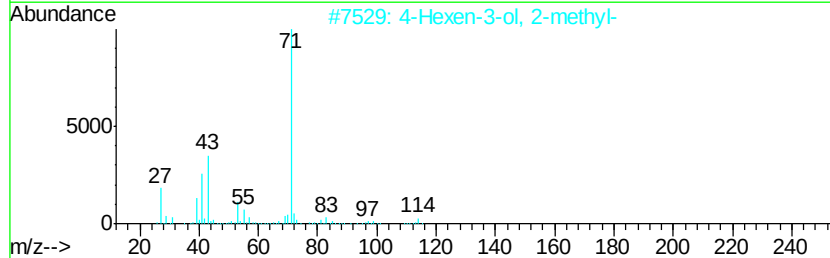
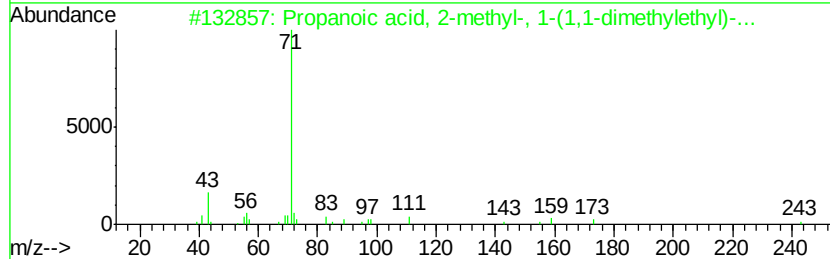
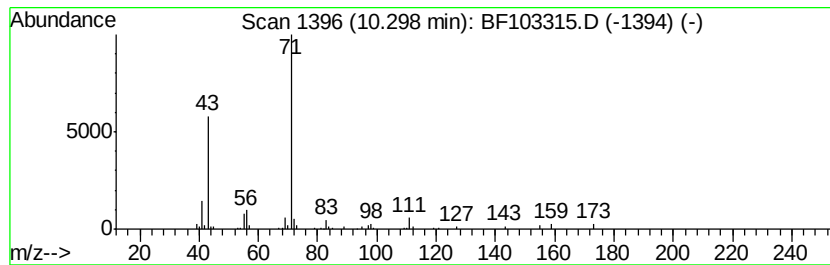
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.74 ng	157162	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Propanoic acid, 2-methyl-, 1-(1,...	286 C16H30O4	074381-40-1 90
2		4-Hexen-3-ol, 2-methyl-	114 C7H14O	004798-60-1 64
3		Butanoic acid, 2-propenyl ester	128 C7H12O2	002051-78-7 59
4		Fumaric acid, nonyl tetrahydrofu...	326 C18H30O5	1000330-58-3 45
5		Propanoic acid, 2-methyl-, 1,2,3...	302 C15H26O6	014295-64-8 45



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Sample : J1720-01
Misc :
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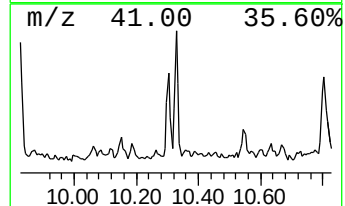
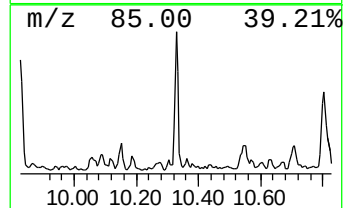
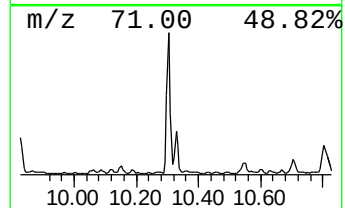
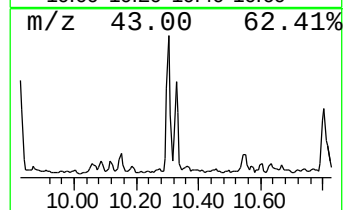
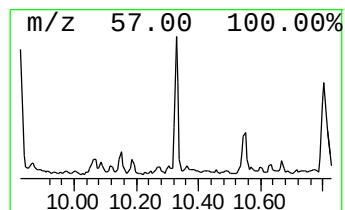
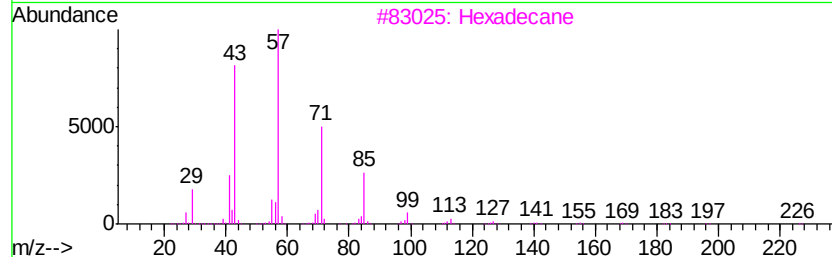
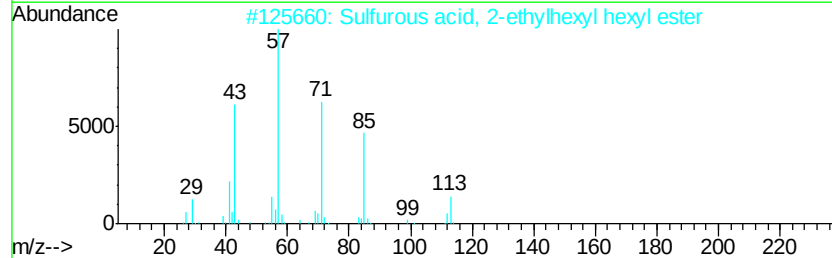
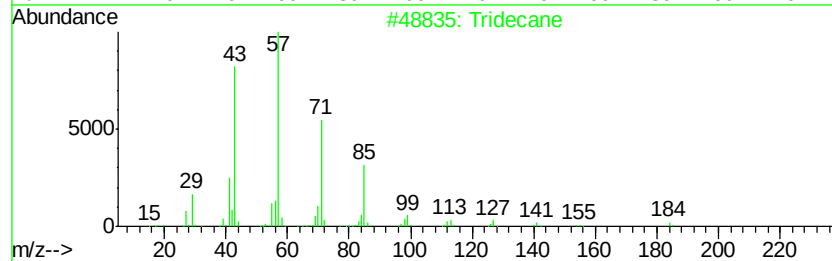
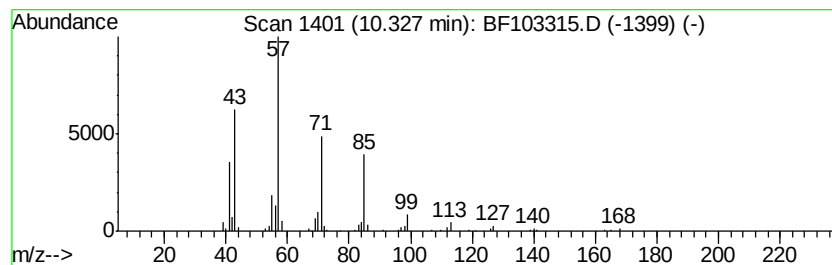
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.42 ng	138784	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	72
2	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
3	Hexadecane	226 C16H34	000544-76-3	72
4	Tetratetracontane	619 C44H90	007098-22-8	64
5	Decane, 2,3,8-trimethyl-	184 C13H28	062238-14-6	64



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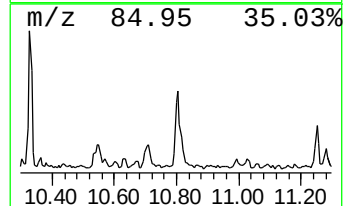
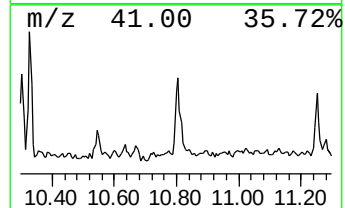
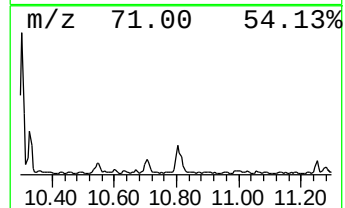
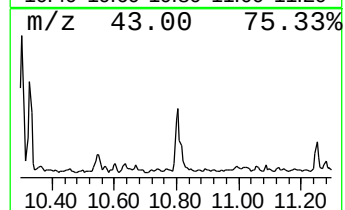
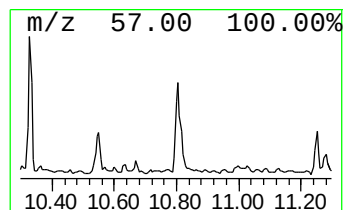
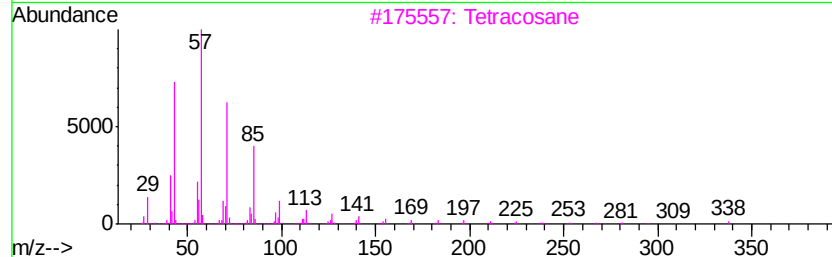
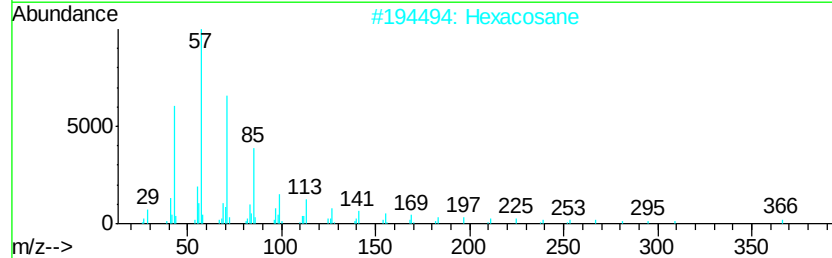
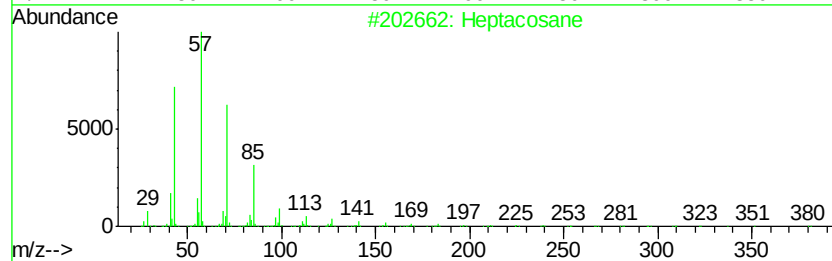
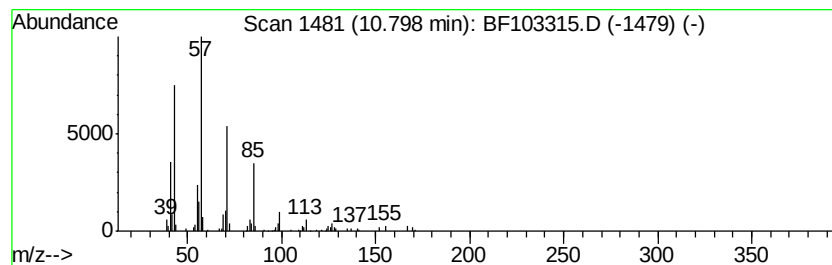
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.80 ng	177209	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Eicosane		282	C20H42	000112-95-8	87



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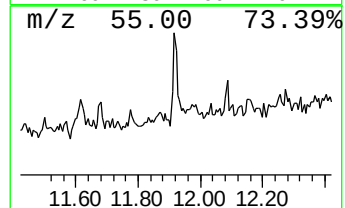
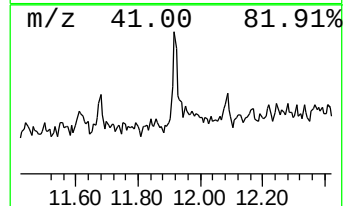
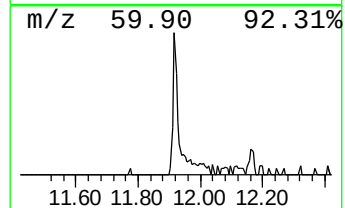
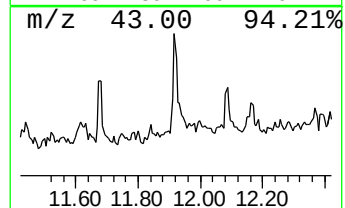
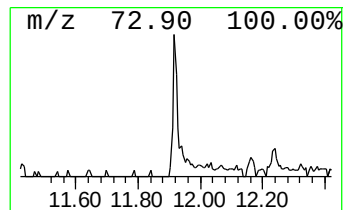
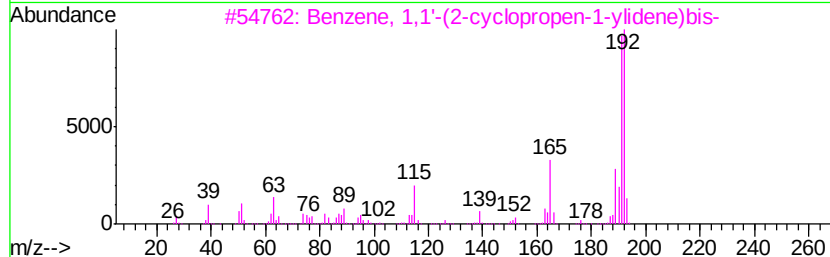
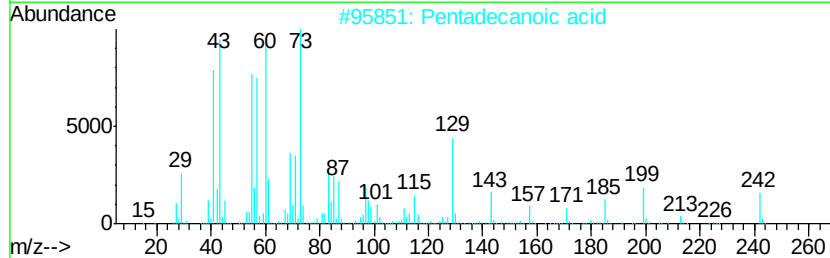
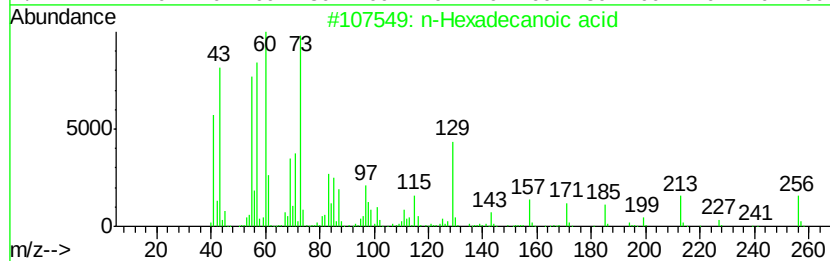
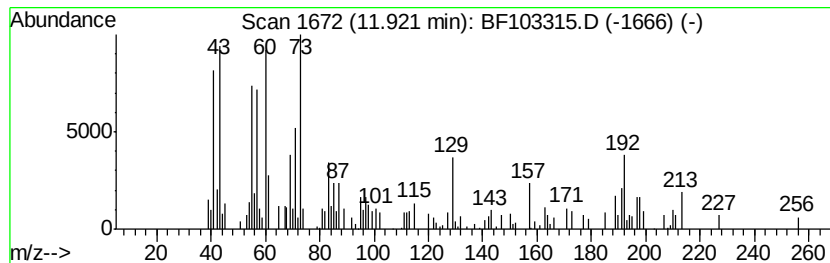
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.07 ng	143299	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3		Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	48
4		n-Decanoic acid	172	C10H20O2	000334-48-5	38
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
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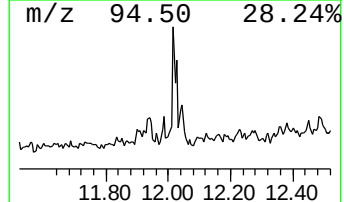
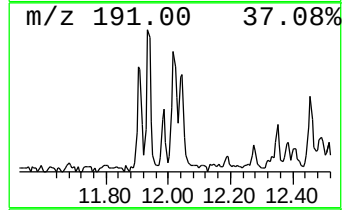
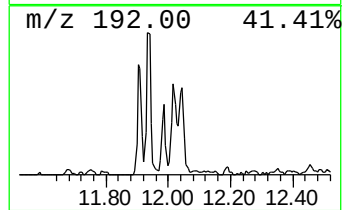
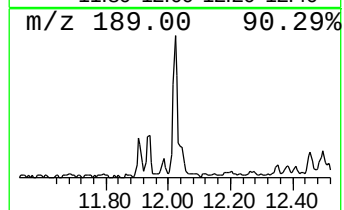
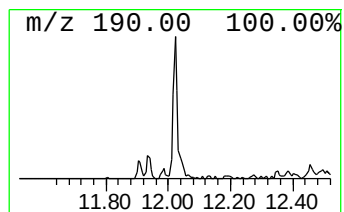
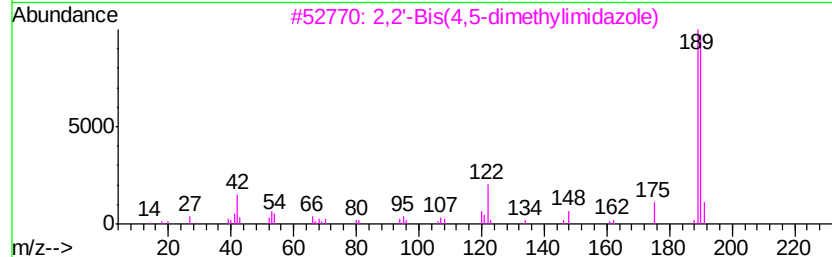
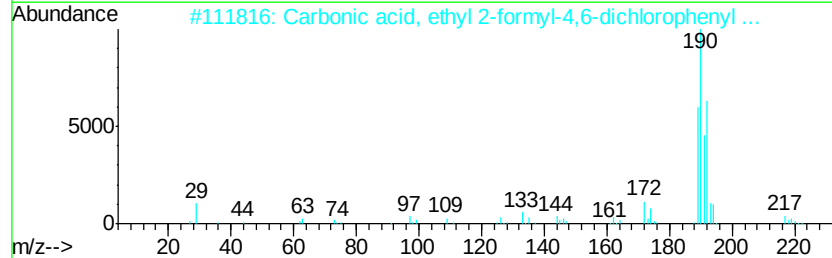
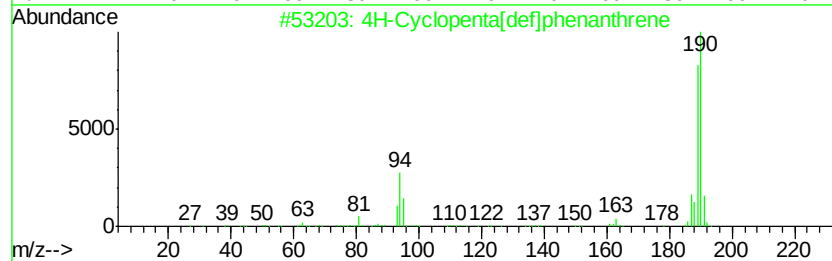
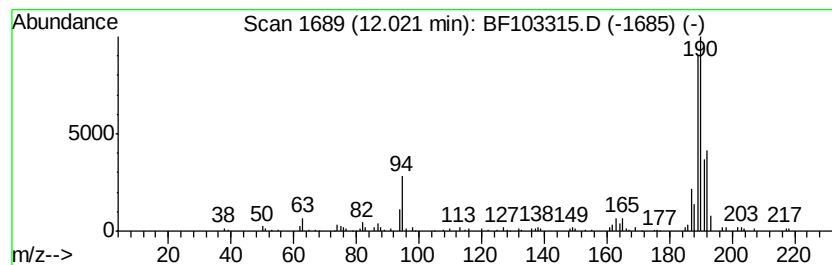
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	2.85 ng	133257	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25
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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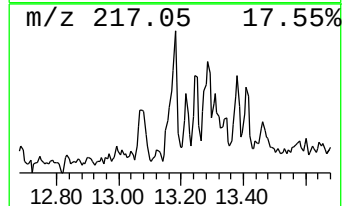
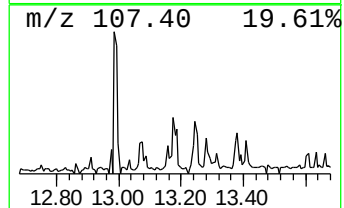
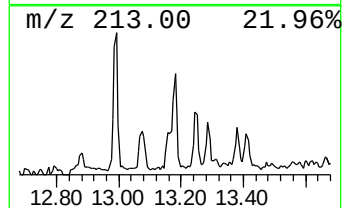
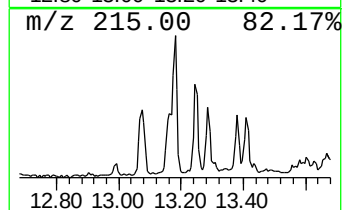
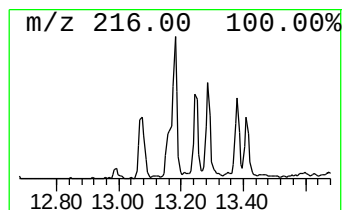
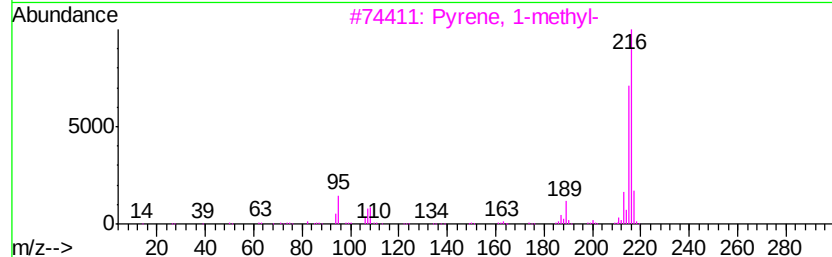
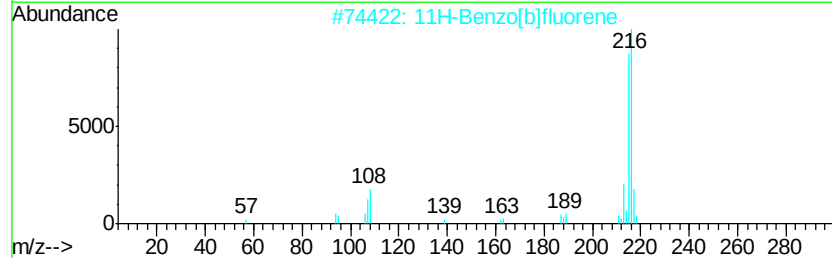
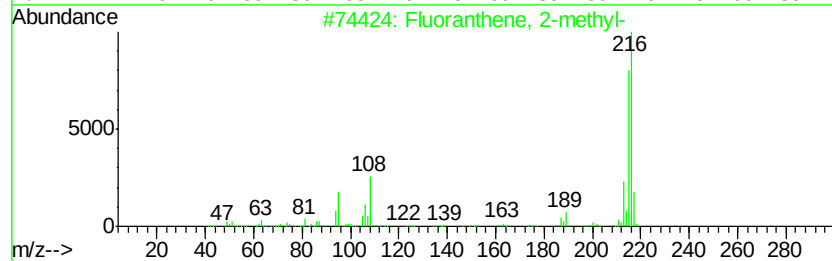
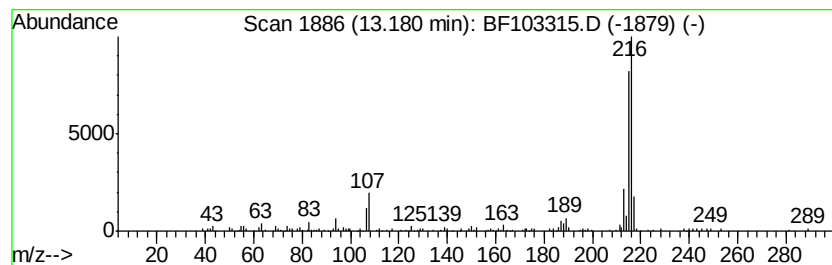
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.90 ng	171496	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



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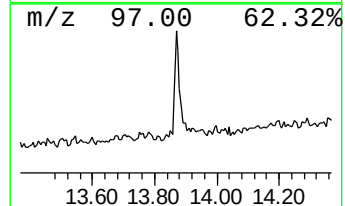
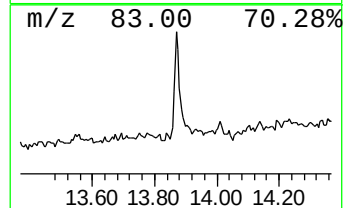
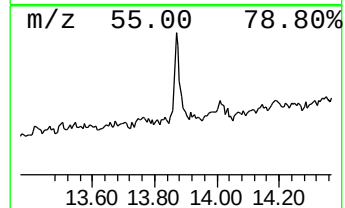
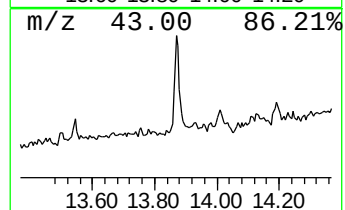
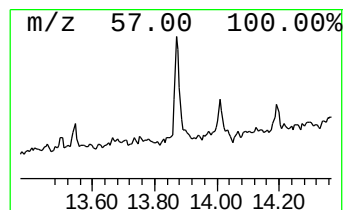
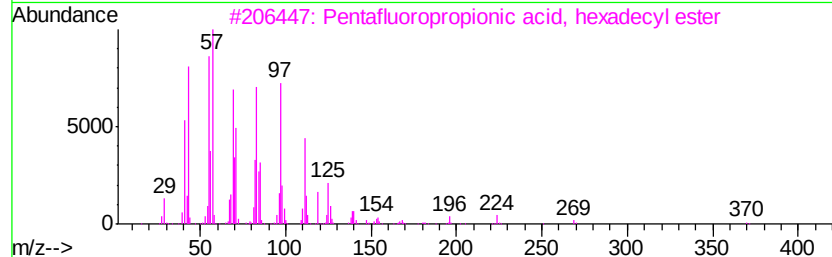
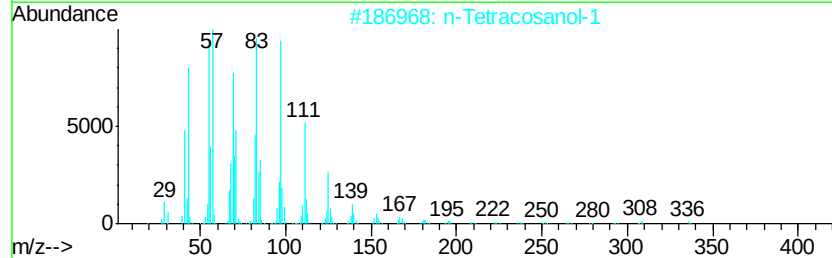
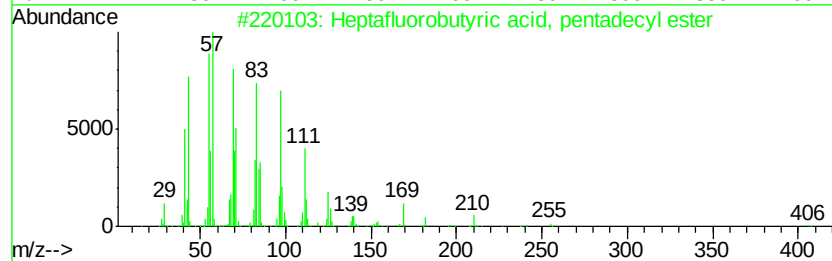
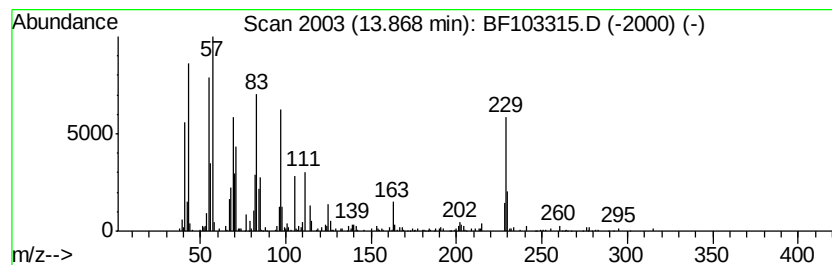
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.87 ng	228781	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	86
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	86
3		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	70
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	70



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Acq On : 1 Mar 2018 1:11
Operator : SJ/JU
Sample : J1720-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-31

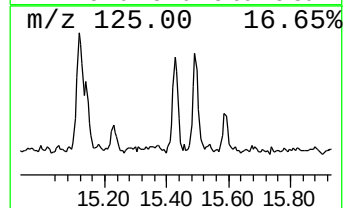
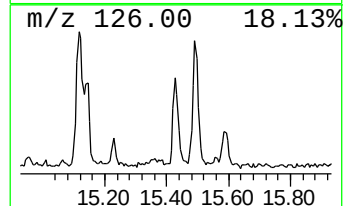
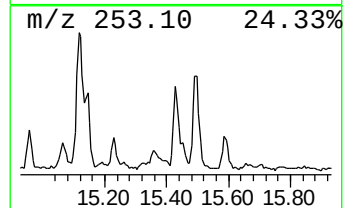
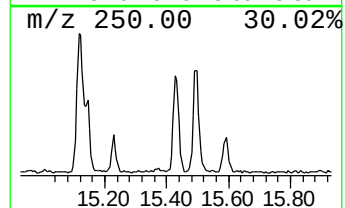
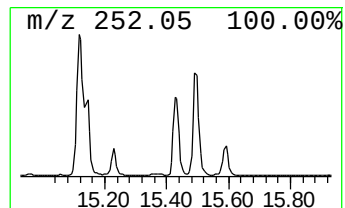
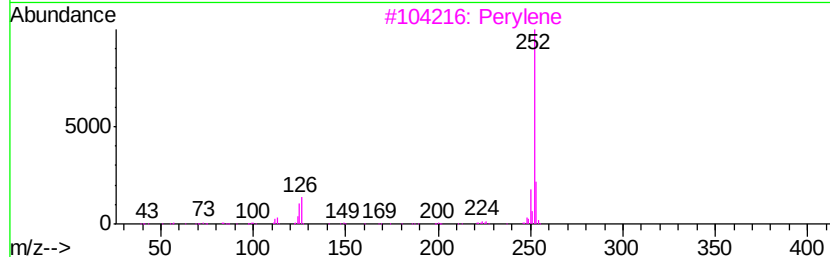
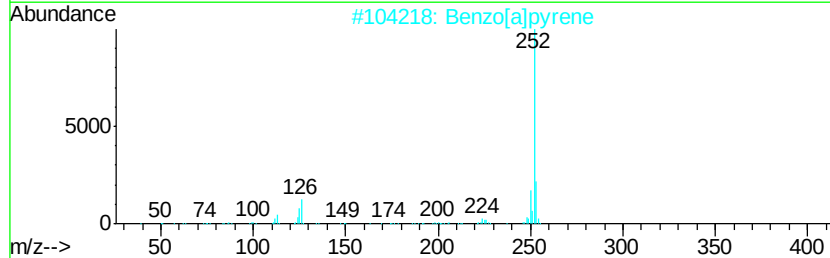
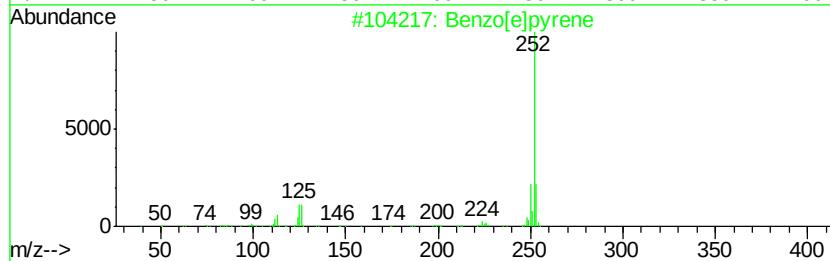
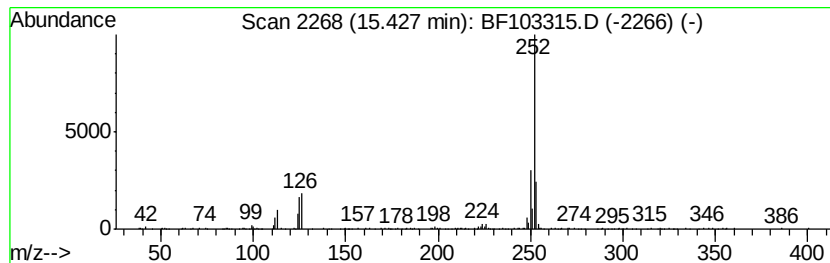
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	8.49 ng	193102	Perylene-d12	15.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022818\
Data File : BF103315.D
Acq On : 1 Mar 2018 1:11
Operator : SJ/JU
Sample : J1720-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-31

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...	2.13	6.6	ng	315182	1	6.87	961535	20.0
2-Pentanone, 4-hy...	5.11	2.4	ng	116395	1	6.87	961535	20.0
unknown6.65	6.65	74.5	ng	3581000	1	6.87	961535	20.0
Hexadecane	9.83	2.3	ng	130791	3	9.92	1146280	20.0
Propanoic acid, 2...	10.30	2.7	ng	157162	3	9.92	1146280	20.0
Tridecane	10.33	2.4	ng	138784	3	9.92	1146280	20.0
Heptacosane	10.80	3.8	ng	177209	4	11.40	933771	20.0
n-Hexadecanoic acid	11.92	3.1	ng	143299	4	11.40	933771	20.0
4H-Cyclopenta[def...	12.02	2.9	ng	133257	4	11.40	933771	20.0
Fluoranthene, 2-m...	13.18	2.9	ng	171496	5	14.06	1182260	20.0
Heptafluorobutyri...	13.87	3.9	ng	228781	5	14.06	1182260	20.0
Benzo[e]pyrene	15.43	8.5	ng	193102	6	15.56	454792	20.0