

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022818\
 Data File : BF103308.D
 Acq On : 28 Feb 2018 22:04
 Operator : SJ/JU
 Sample : J1716-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-10-17

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	2.151	5	11	20	rVB	271951	379011	9.59%	0.985%
2	5.110	511	514	531	rVB	106853	161245	4.08%	0.419%
3	5.498	576	580	599	rBV	3624583	3951952	100.00%	10.274%
4	6.510	747	752	755	rBV	3284481	3650104	92.36%	9.490%
5	6.645	771	775	778	rBV	3748933	3653166	92.44%	9.498%
6	6.869	810	813	817	rBV	1106173	1048002	26.52%	2.725%
7	7.028	836	840	844	rBV	2908832	2755411	69.72%	7.164%
8	7.439	905	910	913	rBV	2593927	2505481	63.40%	6.514%
9	7.528	922	925	934	rVB2	36506	62027	1.57%	0.161%
10	8.157	1028	1032	1051	rBV	1436760	1442710	36.51%	3.751%
11	9.227	1210	1214	1223	rBV	3508241	3296892	83.42%	8.571%
12	9.298	1223	1226	1229	rVB	49284	48116	1.22%	0.125%
13	9.569	1269	1272	1275	rBV	37489	39681	1.00%	0.103%
14	9.622	1278	1281	1288	rVB	390919	354747	8.98%	0.922%
15	9.769	1303	1306	1309	rBV2	50658	54549	1.38%	0.142%
16	9.827	1312	1316	1320	rVV	142292	119230	3.02%	0.310%
17	9.910	1324	1330	1334	rVV2	1437499	1368157	34.62%	3.557%
18	9.945	1334	1336	1339	rVB	131588	110704	2.80%	0.288%
19	10.063	1352	1356	1359	rBV3	38558	49893	1.26%	0.130%
20	10.116	1362	1365	1369	rVV2	55100	70450	1.78%	0.183%
21	10.151	1369	1371	1375	rVB2	55346	47009	1.19%	0.122%
22	10.227	1381	1384	1387	rBV3	33439	48587	1.23%	0.126%
23	10.304	1394	1397	1399	rBV	81617	100061	2.53%	0.260%
24	10.327	1399	1401	1404	rVB	169543	143009	3.62%	0.372%
25	10.463	1420	1424	1429	rVB2	86508	90723	2.30%	0.236%
26	10.545	1436	1438	1441	rVB	57344	49482	1.25%	0.129%
27	10.704	1461	1465	1471	rBV	1655173	1736289	43.93%	4.514%
28	10.804	1478	1482	1491	rVB	149280	221251	5.60%	0.575%
29	11.010	1512	1517	1519	rBV4	56715	81745	2.07%	0.213%
30	11.133	1534	1538	1541	rBV5	40220	80913	2.05%	0.210%
31	11.251	1555	1558	1560	rBV	123731	113151	2.86%	0.294%
32	11.298	1564	1566	1570	rVB	58015	65342	1.65%	0.170%
33	11.404	1580	1584	1586	rBV	1154983	1032305	26.12%	2.684%
34	11.427	1586	1588	1593	rVB	964196	782957	19.81%	2.036%

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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	11.480	1594	1597	1600	rBV	190969	163597	4.14%	0.425%
36	11.674	1628	1630	1632	rBV2	60612	50042	1.27%	0.130%
37	11.904	1666	1669	1672	rBV	189869	255136	6.46%	0.663%
38	11.933	1672	1674	1678	rVB	225614	202324	5.12%	0.526%
39	11.980	1680	1682	1685	rBV	74594	67253	1.70%	0.175%
40	12.015	1685	1688	1691	rBV2	192029	228411	5.78%	0.594%
41	12.086	1698	1700	1703	rBV2	54325	41457	1.05%	0.108%
42	12.198	1717	1719	1722	rBV	97609	84959	2.15%	0.221%
43	12.457	1760	1763	1765	rBV	117056	115354	2.92%	0.300%
44	12.551	1776	1779	1782	rBV3	72729	76801	1.94%	0.200%
45	12.621	1787	1791	1794	rVV	943879	810693	20.51%	2.108%
46	12.851	1824	1830	1836	rBV	950885	1118995	28.31%	2.909%
47	12.986	1849	1853	1856	rBV	1872063	1770677	44.81%	4.603%
48	13.692	1971	1973	1977	rVB	82004	70053	1.77%	0.182%
49	13.868	2001	2003	2007	rVB	261531	261067	6.61%	0.679%
50	14.057	2030	2035	2037	rBV2	806069	1134452	28.71%	2.949%
51	14.080	2037	2039	2046	rVB	425059	385937	9.77%	1.003%
52	14.892	2174	2177	2180	rVB	210315	206618	5.23%	0.537%
53	15.121	2213	2216	2219	rBV	203682	250840	6.35%	0.652%
54	15.492	2276	2279	2285	rVB	321099	473062	11.97%	1.230%
55	15.562	2287	2291	2295	rVB	437302	560166	14.17%	1.456%
56	16.698	2481	2484	2491	rVB3	239170	421879	10.68%	1.097%

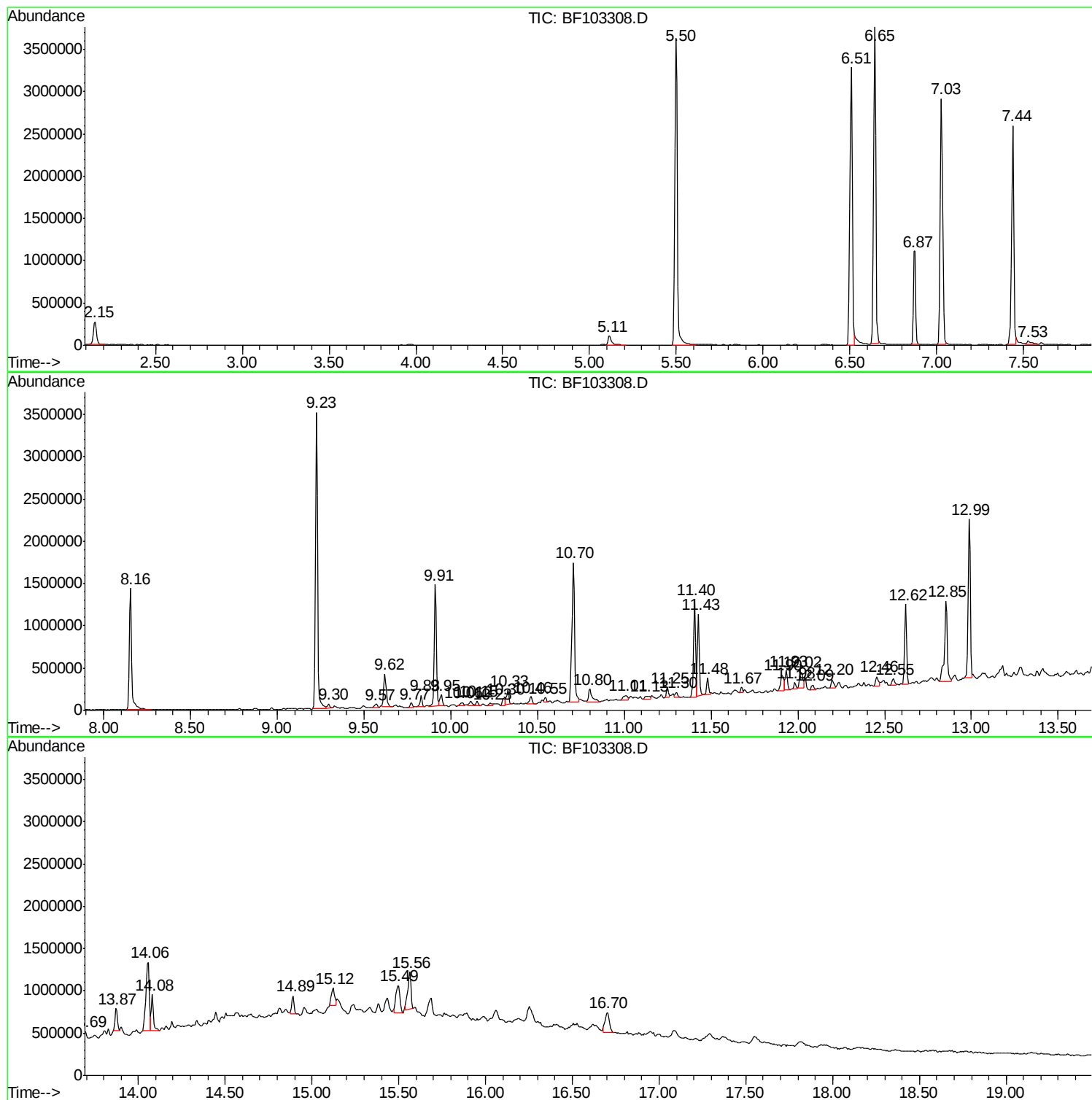
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
SB-08-10-17

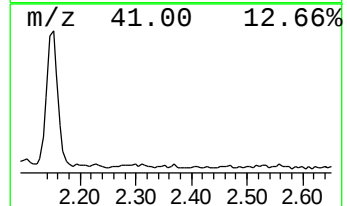
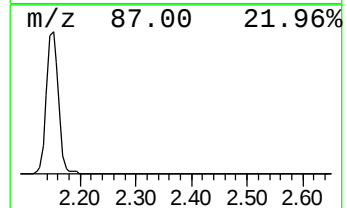
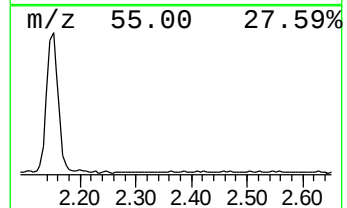
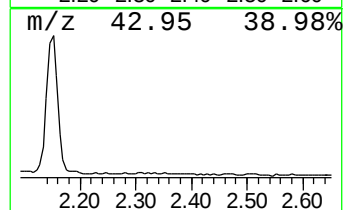
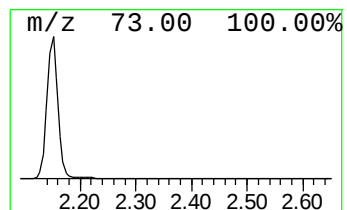
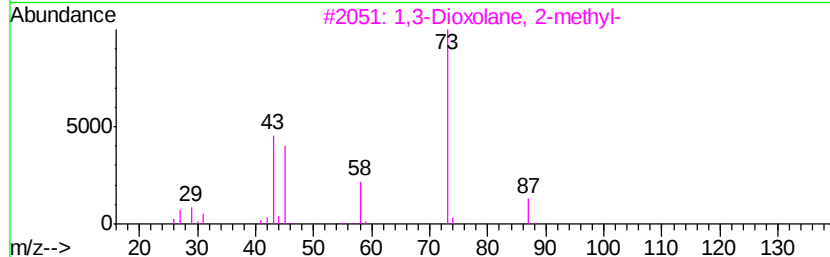
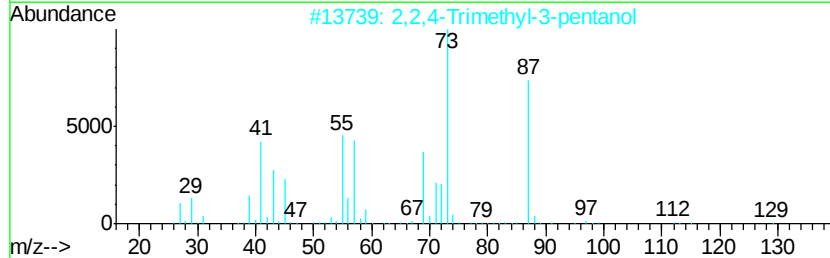
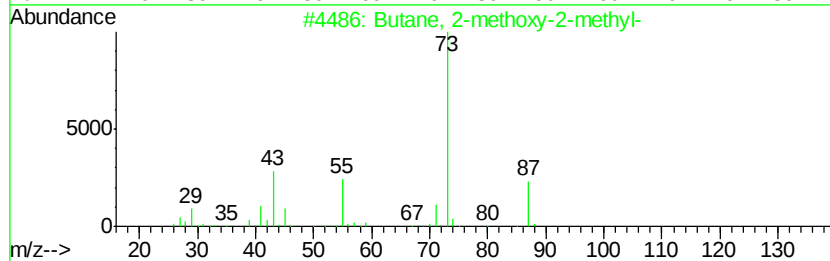
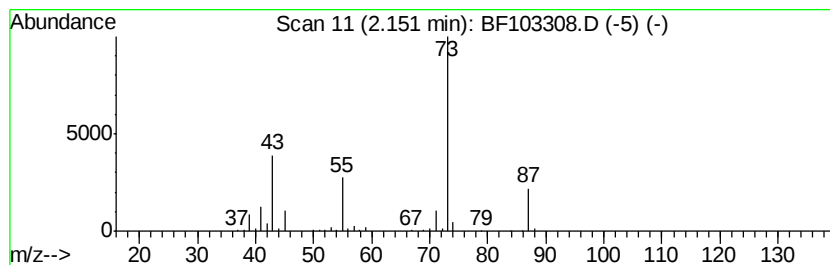
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	7.23 ng	379011	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	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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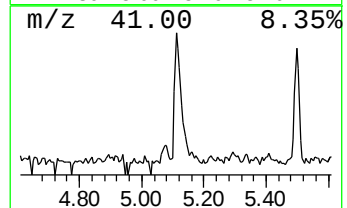
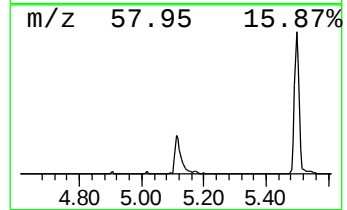
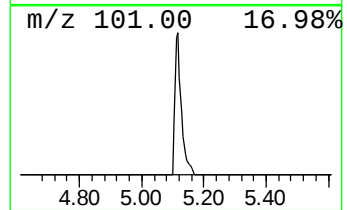
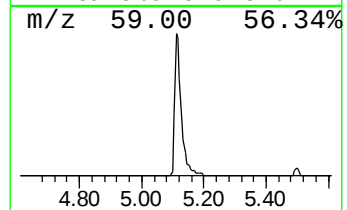
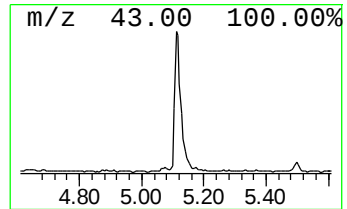
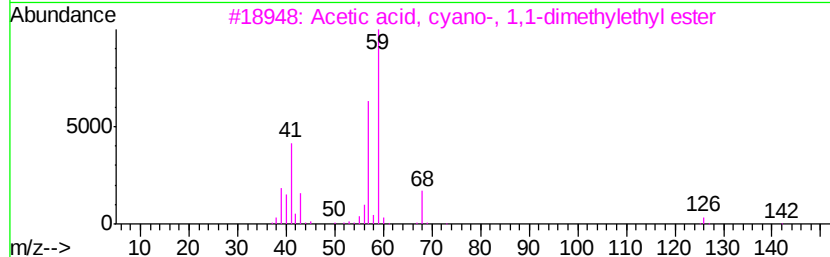
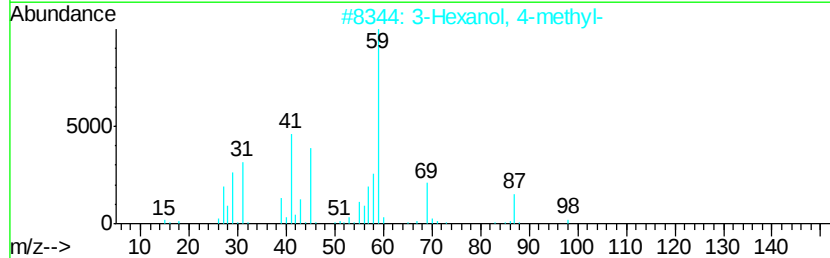
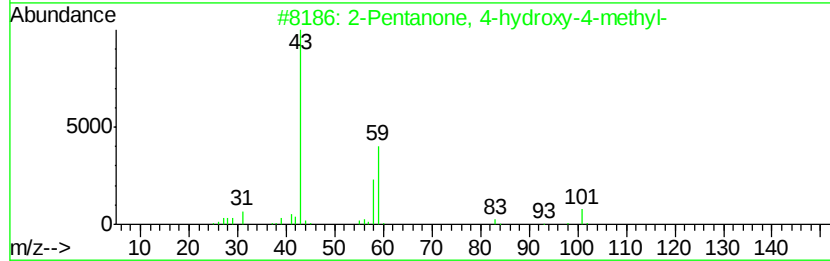
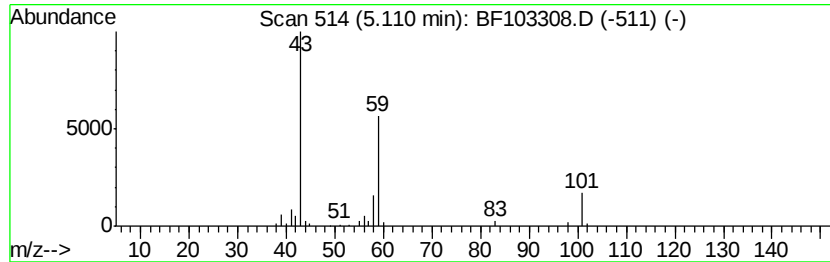
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	3.08 ng	161245	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	45
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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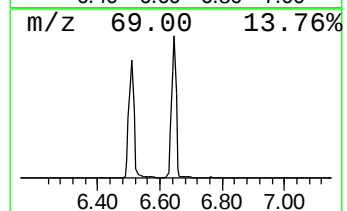
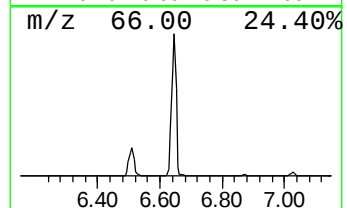
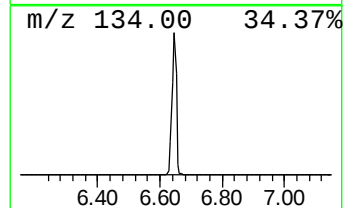
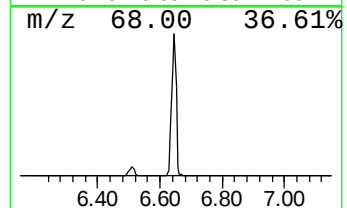
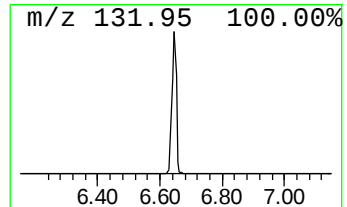
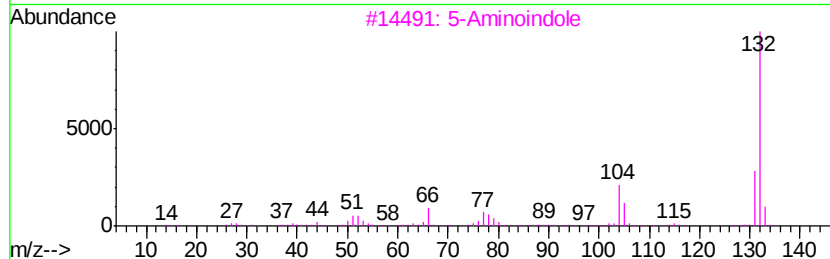
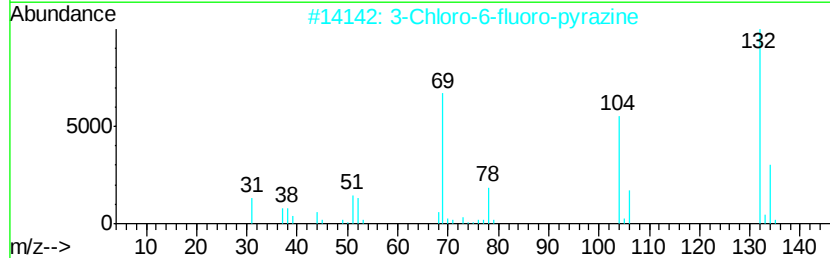
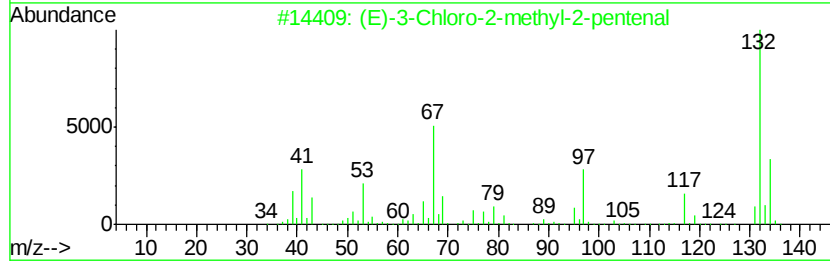
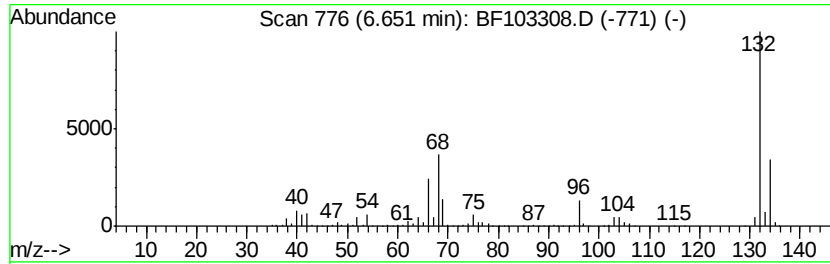
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.72 ng	3653170	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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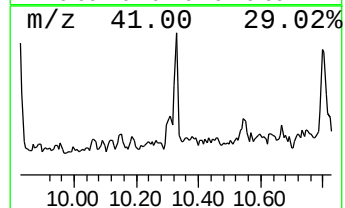
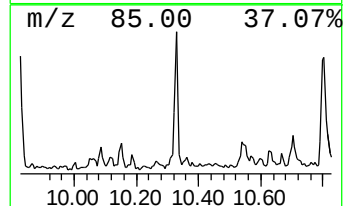
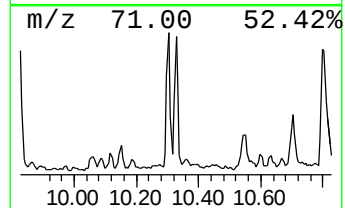
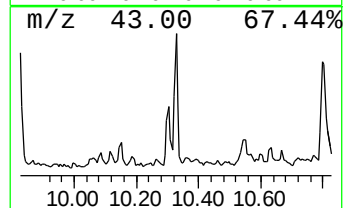
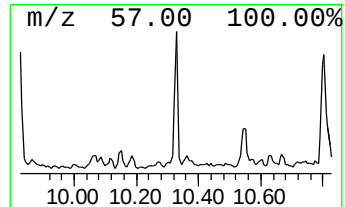
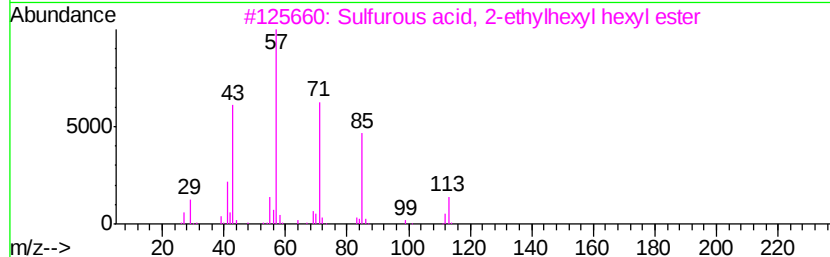
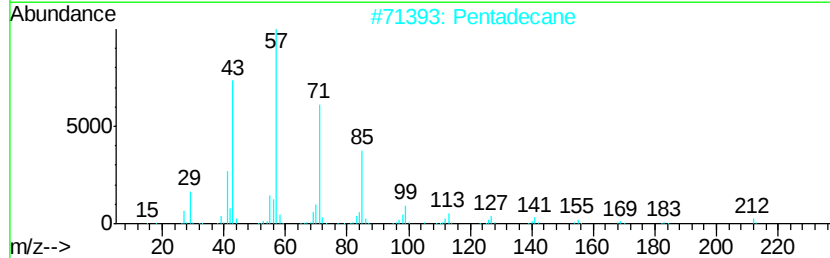
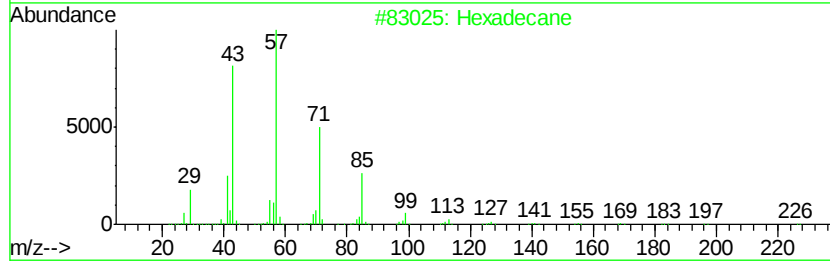
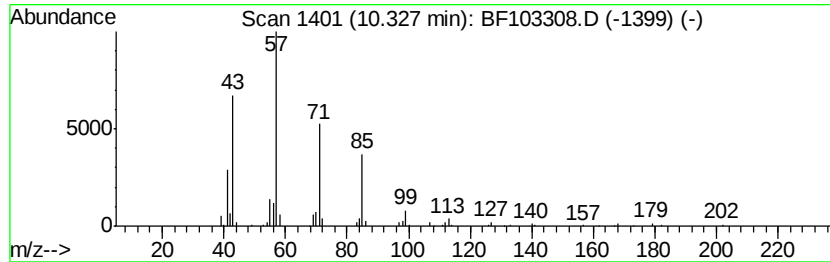
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.09 ng	143009	Acenaphthene-d10	9.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	86
4	Undecane, 6-ethyl-		184	C13H28	017312-60-6	72
5	1,3-Dimethylcyclopentanol		114	C7H14O	019550-46-0	58



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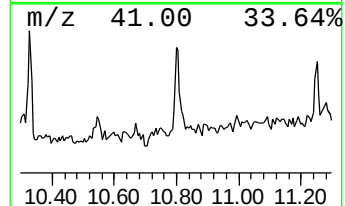
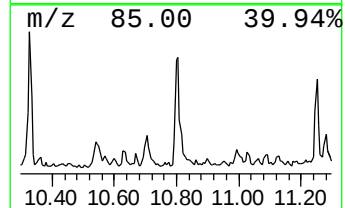
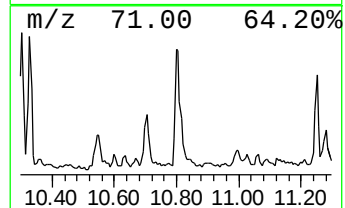
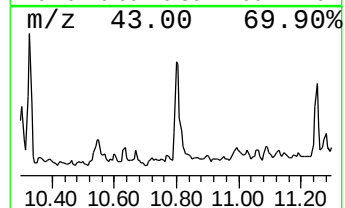
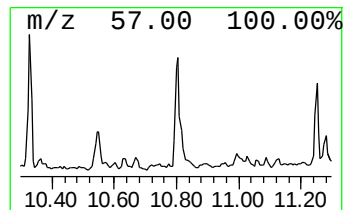
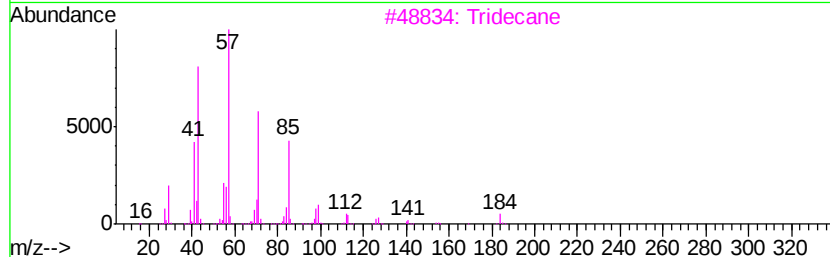
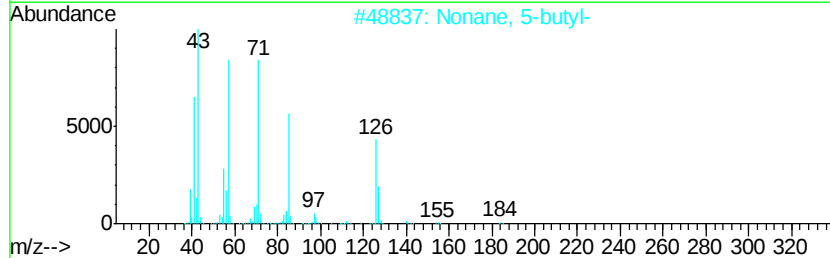
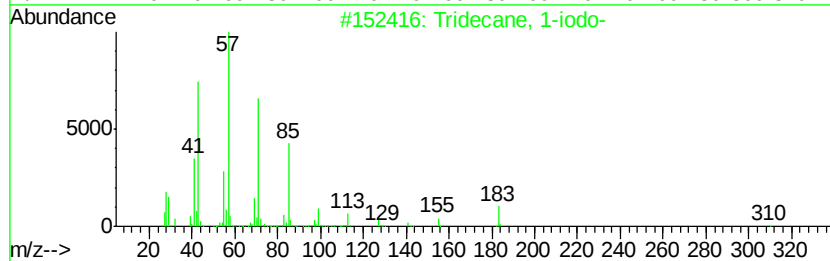
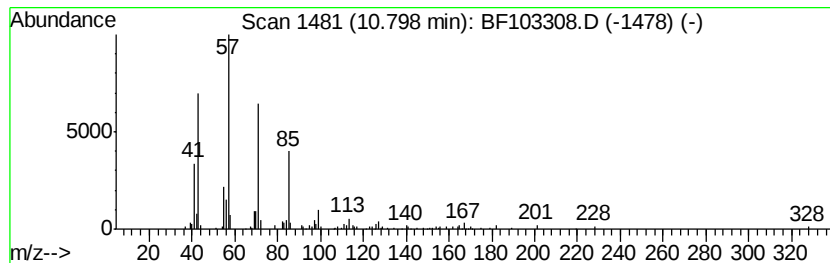
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.29 ng	221251	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	89
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103308.D
Acq On : 28 Feb 2018 22:04
Operator : SJ/JU
Sample : J1716-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

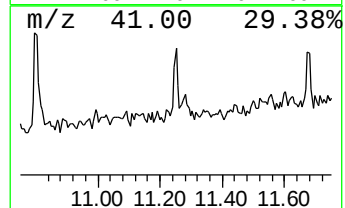
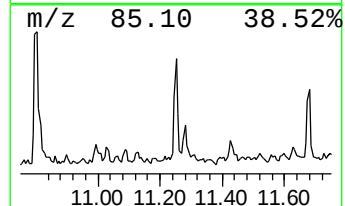
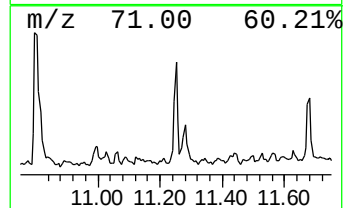
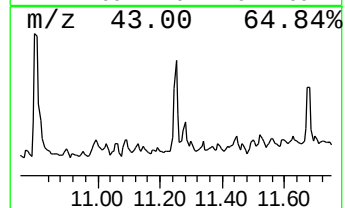
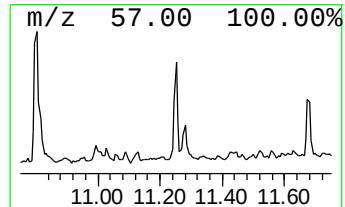
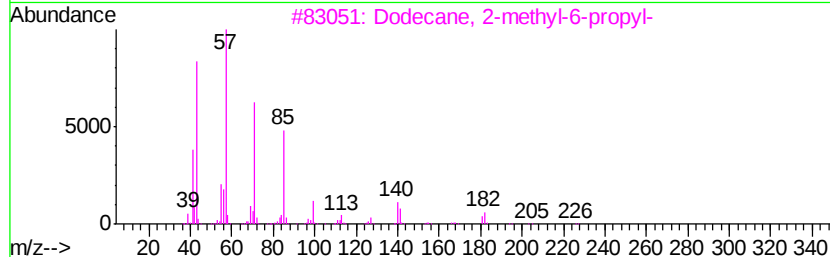
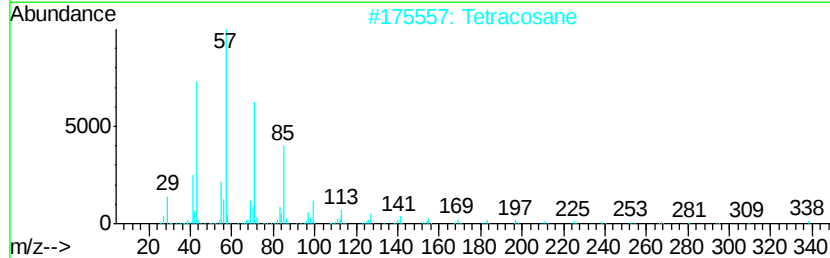
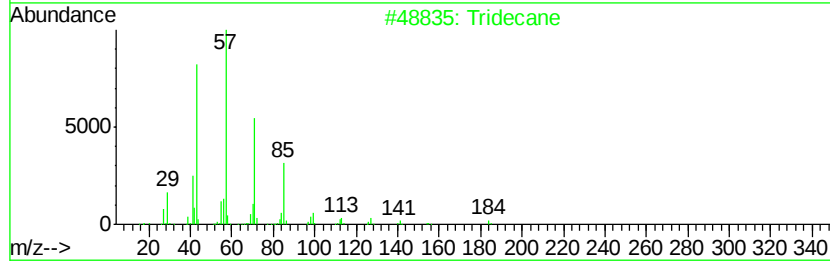
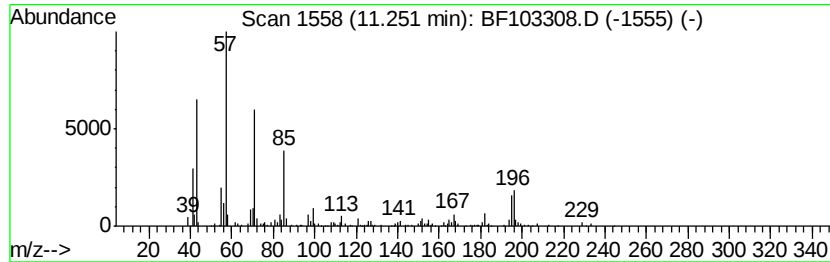
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.25	2.19 ng	113151	Phenanthrene-d10		11.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	74
2	Tetracosane		338	C24H50	000646-31-1	64
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	64
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	59
5	Tridecane, 6-propyl-		226	C16H34	055045-10-8	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103308.D
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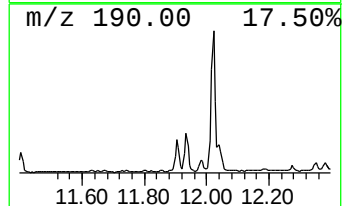
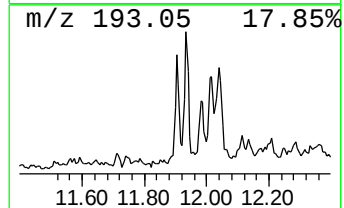
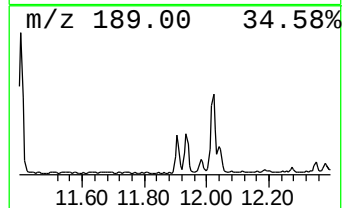
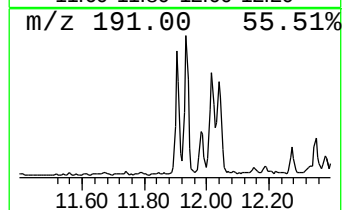
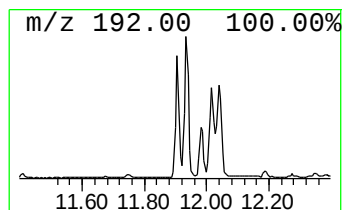
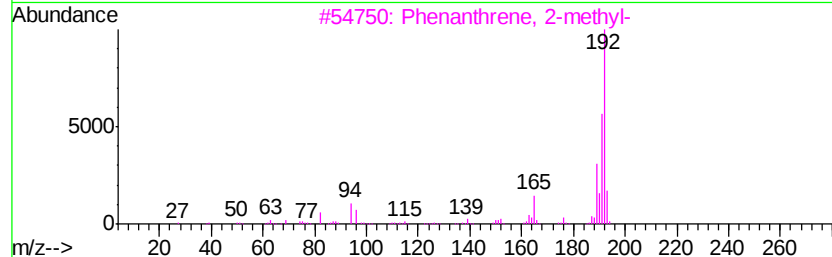
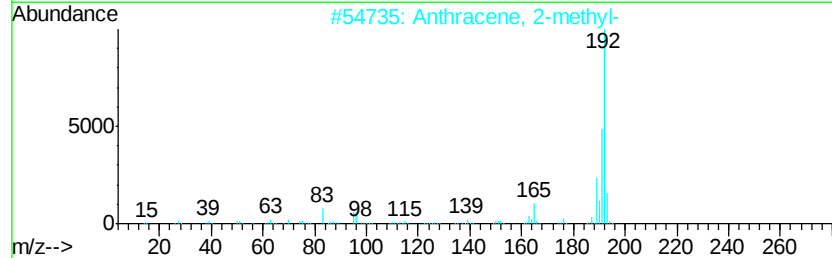
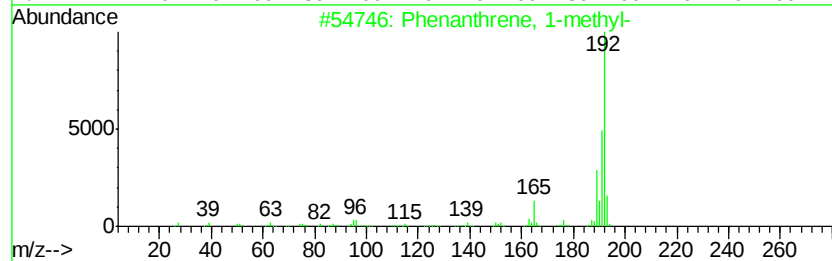
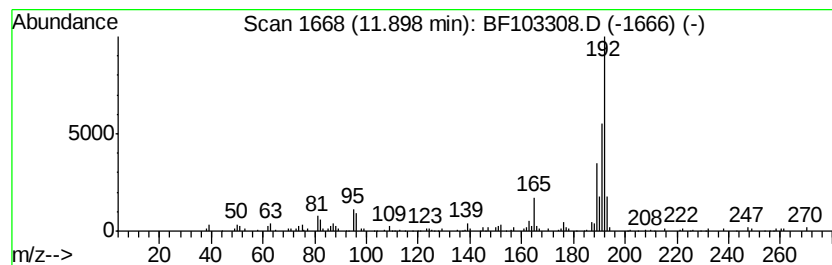
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.94 ng	255136	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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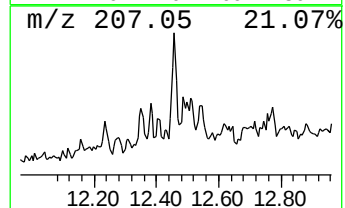
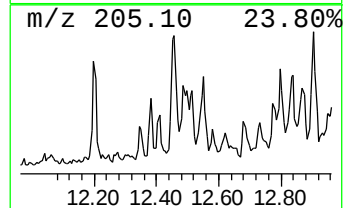
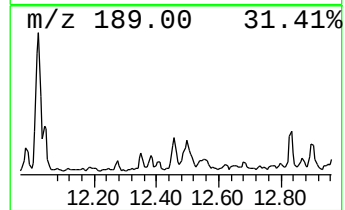
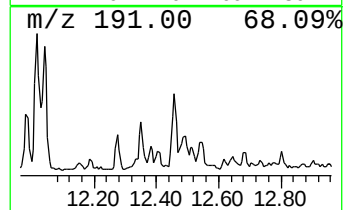
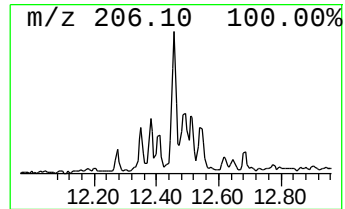
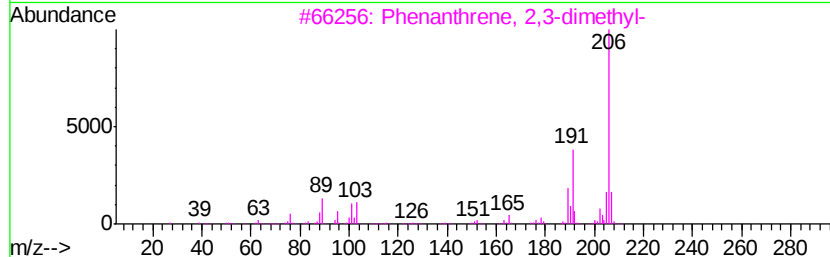
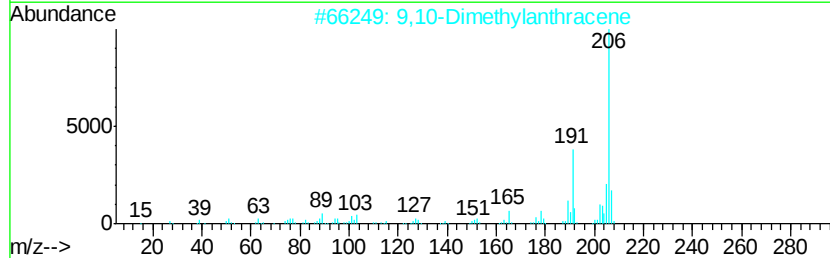
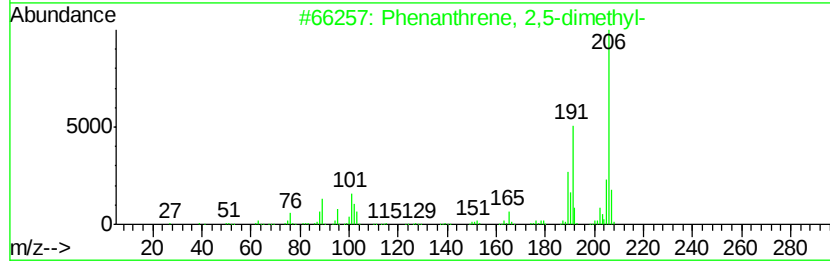
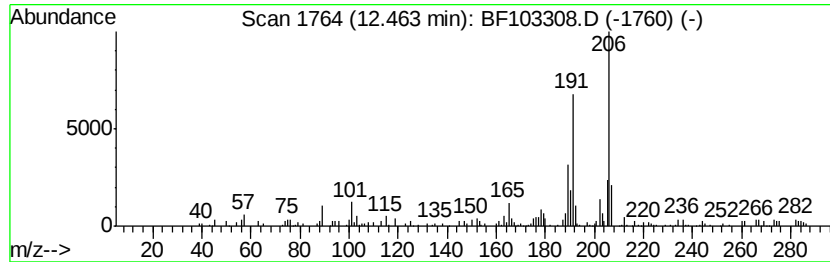
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.46	2.23 ng	115354	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103308.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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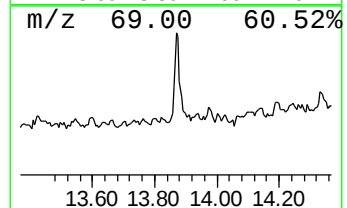
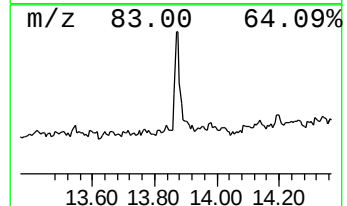
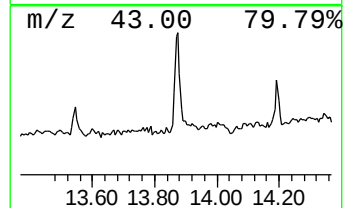
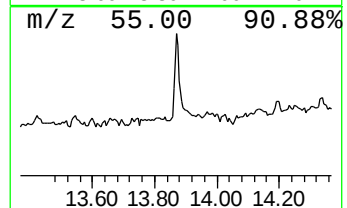
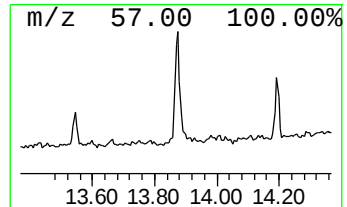
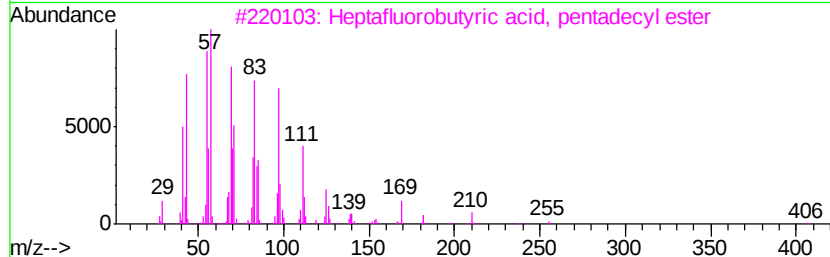
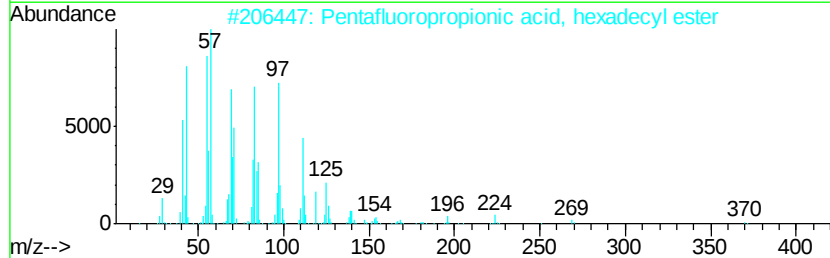
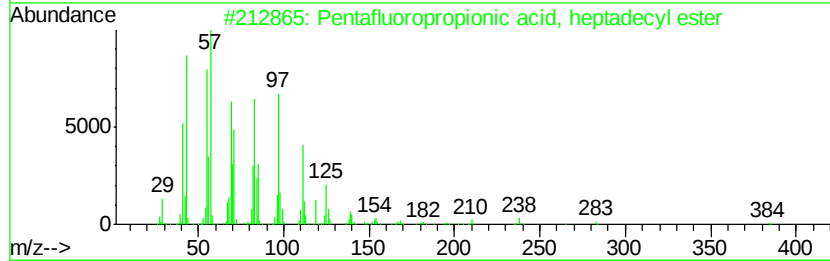
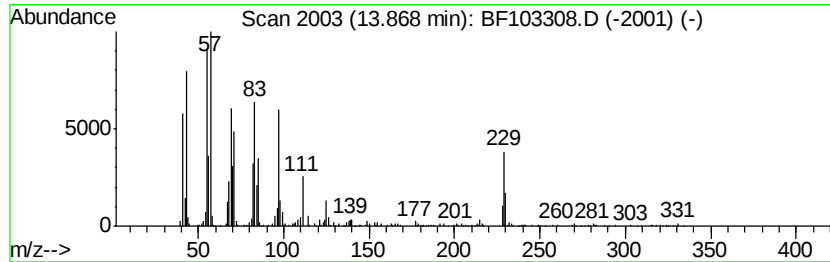
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.60 ng	261067	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76
2			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	76
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76
4			Octacosanol	410	C28H58O	000557-61-9	76
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	76



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
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ClientSampleId :
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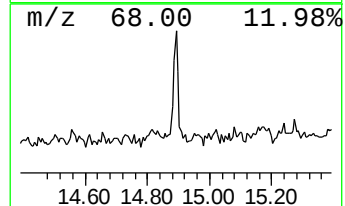
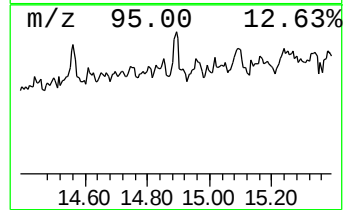
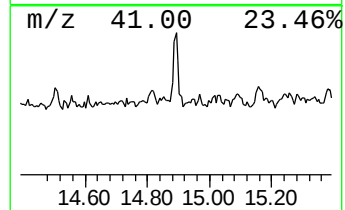
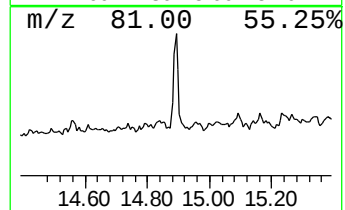
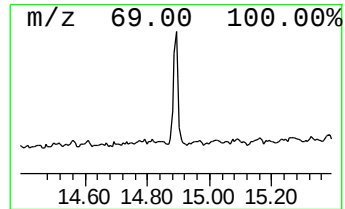
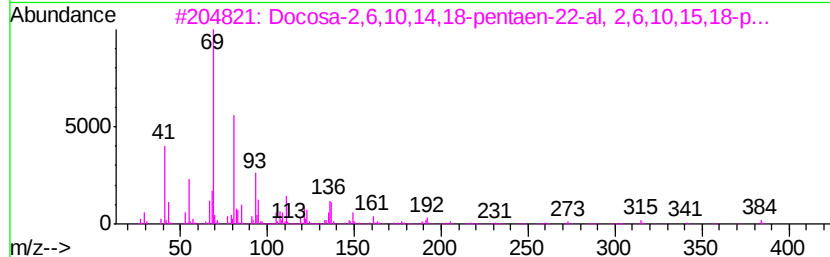
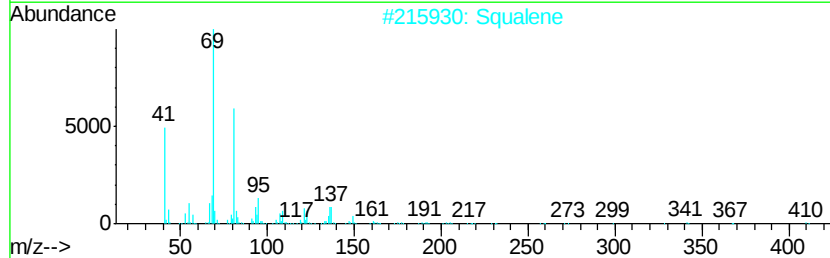
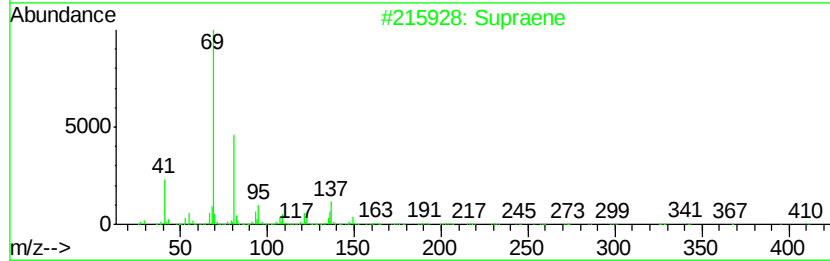
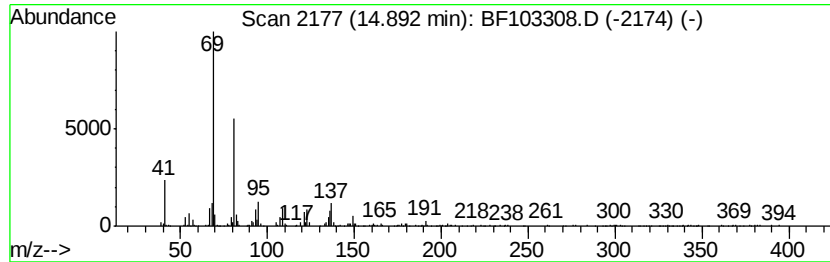
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	7.38 ng	206618	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72



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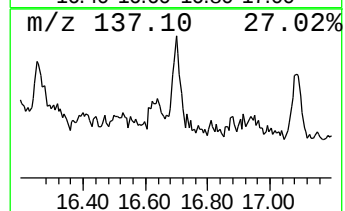
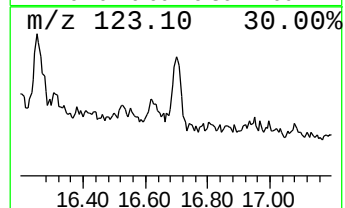
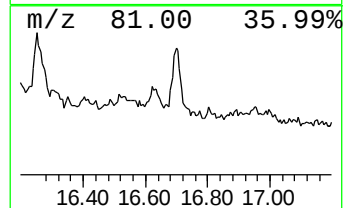
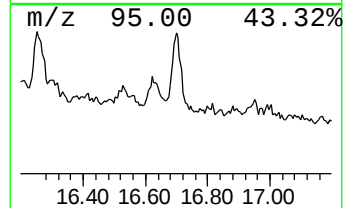
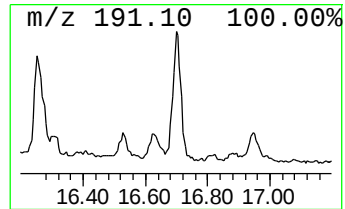
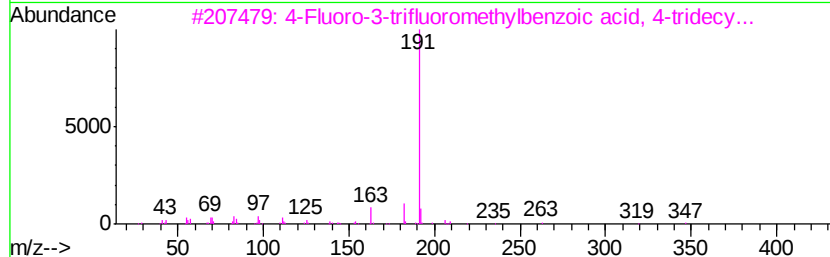
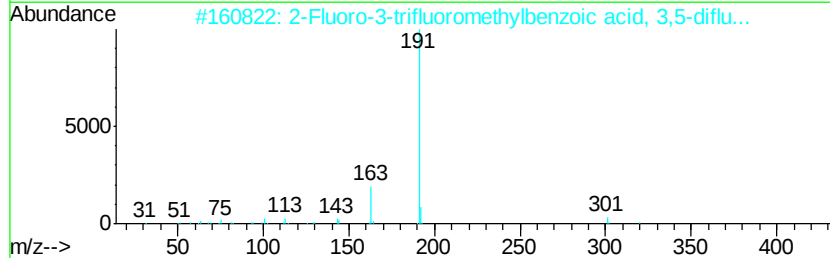
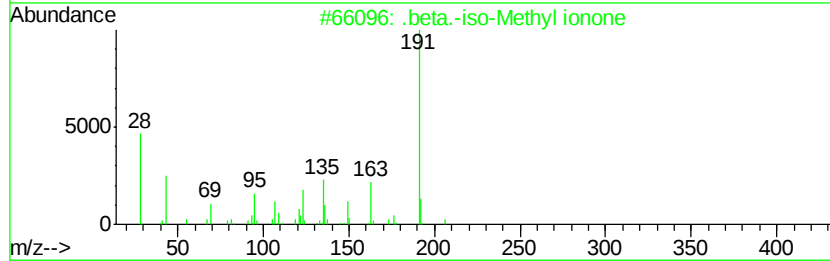
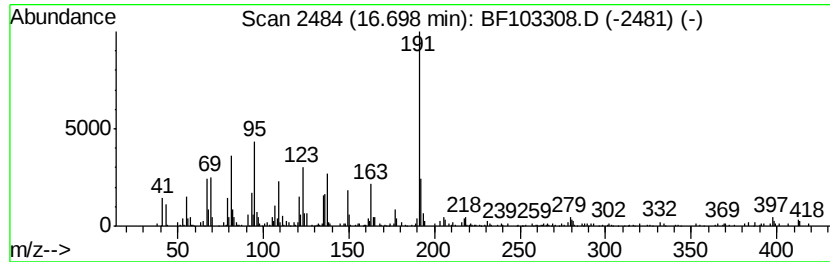
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	15.06 ng	421879	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	74
2		2-Fluoro-3-trifluoromethylbenzoi...	320	C14H6F6O2	1000357-64-1	35
3		4-Fluoro-3-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-67-9	27
4		2-Fluoro-3-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-51-8	27
5		2-Fluoro-6-trifluoromethylbenzoi...	418	C23H34F4O2	1000338-54-3	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022818\
Data File : BF103308.D
Acq On : 28 Feb 2018 22:04
Operator : SJ/JU
Sample : J1716-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-10-17

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...	2.15	7.2 ng		379011	1	6.87	1048000	20.0
2-Pentanone, 4-hy...	5.11	3.1 ng		161245	1	6.87	1048000	20.0
unknown6.65	6.65	69.7 ng		3653170	1	6.87	1048000	20.0
Hexadecane	10.33	2.1 ng		143009	3	9.91	1368160	20.0
Tridecane, 1-iodo-	10.80	4.3 ng		221251	4	11.40	1032310	20.0
Tridecane	11.25	2.2 ng		113151	4	11.40	1032310	20.0
Phenanthrene, 1-m...	11.90	4.9 ng		255136	4	11.40	1032310	20.0
Phenanthrene, 2,5...	12.46	2.2 ng		115354	4	11.40	1032310	20.0
Pentafluoropropio...	13.87	4.6 ng		261067	5	14.06	1134450	20.0
Supraene	14.89	7.4 ng		206618	6	15.56	560166	20.0
.beta.-iso-Methyl...	16.70	15.1 ng		421879	6	15.56	560166	20.0