

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096853.D
 Acq On : 18 Jul 2017 18:10
 Operator : SJ/JU
 Sample : I4245-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-D

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-BF071317.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	2.840	143	145	149	rBV	23605	34510	1.44%	0.130%
2	4.769	469	473	481	rBV	175495	248265	10.33%	0.936%
3	5.204	542	547	550	rBV	2335336	2348646	97.71%	8.853%
4	6.251	720	725	734	rBV	2221213	2403693	100.00%	9.061%
5	6.369	741	745	748	rBV	2414444	2314356	96.28%	8.724%
6	6.598	780	784	787	rBV	865864	705963	29.37%	2.661%
7	6.681	795	798	806	rBV	73892	105434	4.39%	0.397%
8	6.757	806	811	814	rBV	1915775	1731603	72.04%	6.527%
9	7.163	875	880	883	rBV	1578969	1444347	60.09%	5.444%
10	7.216	883	889	892	rVB2	22286	31427	1.31%	0.118%
11	7.286	897	901	905	rVB	53582	63210	2.63%	0.238%
12	7.798	985	988	992	rBV	33419	28387	1.18%	0.107%
13	7.881	998	1002	1005	rBV	1157369	954542	39.71%	3.598%
14	8.322	1074	1077	1085	rVB4	24854	31500	1.31%	0.119%
15	8.492	1103	1106	1108	rBV	49695	46123	1.92%	0.174%
16	8.592	1118	1123	1126	rVB2	21141	26361	1.10%	0.099%
17	8.922	1176	1179	1181	rVB2	31181	25250	1.05%	0.095%
18	8.957	1181	1185	1188	rBV	2457879	2219289	92.33%	8.366%
19	9.051	1199	1201	1205	rVB	94238	76969	3.20%	0.290%
20	9.222	1225	1230	1233	rBV5	27737	45397	1.89%	0.171%
21	9.351	1248	1252	1255	rBV	695833	599086	24.92%	2.258%
22	9.486	1272	1275	1278	rBV	61594	60061	2.50%	0.226%
23	9.545	1282	1285	1288	rVB5	22943	25346	1.05%	0.096%
24	9.580	1288	1291	1294	rBV	132365	99582	4.14%	0.375%
25	9.627	1294	1299	1303	rBV2	980447	863685	35.93%	3.256%
26	9.739	1314	1318	1323	rVB4	17122	28162	1.17%	0.106%
27	9.833	1328	1334	1337	rVB4	39585	64281	2.67%	0.242%
28	9.904	1343	1346	1349	rVB3	41578	41326	1.72%	0.156%
29	9.939	1349	1352	1355	rBV2	33768	45399	1.89%	0.171%
30	10.075	1373	1375	1379	rVB	149414	125495	5.22%	0.473%
31	10.169	1388	1391	1394	rBV	44830	35416	1.47%	0.133%
32	10.298	1408	1413	1415	rBV	83377	101568	4.23%	0.383%
33	10.410	1428	1432	1436	rVB	1090126	1041846	43.34%	3.927%
34	10.545	1452	1455	1462	rBV	201908	268951	11.19%	1.014%

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35	10.745	1486	1489	1492	rBV4	44062	52202	2.17%	0.197%
36	10.869	1507	1510	1515	rVB5	31947	33206	1.38%	0.125%
37	10.963	1523	1526	1528	rBV4	21892	24377	1.01%	0.092%
38	10.992	1528	1531	1534	rVV2	194019	178663	7.43%	0.673%
39	11.022	1534	1536	1540	rVB	87674	87914	3.66%	0.331%
40	11.104	1546	1550	1552	rBV	684968	629798	26.20%	2.374%
41	11.127	1552	1554	1557	rVV	271239	212725	8.85%	0.802%
42	11.174	1559	1562	1566	rVB	130351	115506	4.81%	0.435%
43	11.333	1586	1589	1592	rBV	32267	39319	1.64%	0.148%
44	11.416	1601	1603	1609	rVB2	124559	143401	5.97%	0.541%
45	11.516	1616	1620	1623	rBV	201132	177424	7.38%	0.669%
46	11.604	1632	1635	1637	rBV	68637	61282	2.55%	0.231%
47	11.627	1637	1639	1641	rVV	66211	51025	2.12%	0.192%
48	11.674	1645	1647	1650	rVB	97438	76587	3.19%	0.289%
49	11.710	1650	1653	1656	rBV	118475	129915	5.40%	0.490%
50	11.798	1665	1668	1670	rBV3	28181	35425	1.47%	0.134%
51	11.821	1670	1672	1677	rVB2	104497	107304	4.46%	0.404%
52	11.898	1681	1685	1687	rBV2	46880	53222	2.21%	0.201%
53	11.974	1696	1698	1699	rBV2	31241	25865	1.08%	0.097%
54	12.151	1725	1728	1731	rBV3	75594	92539	3.85%	0.349%
55	12.192	1732	1735	1737	rVV2	150354	174646	7.27%	0.658%
56	12.216	1737	1739	1747	rVV2	444655	469211	19.52%	1.769%
57	12.310	1751	1755	1760	rVV	612902	587329	24.43%	2.214%
58	12.533	1788	1793	1796	rBV	504508	510481	21.24%	1.924%
59	12.580	1799	1801	1803	rBV2	93342	78007	3.25%	0.294%
60	12.686	1815	1819	1822	rBV	1506835	1401059	58.29%	5.281%
61	12.863	1847	1849	1852	rVB	108618	98670	4.10%	0.372%
62	12.933	1858	1861	1864	rBV2	114348	117902	4.91%	0.444%
63	12.963	1864	1866	1871	rBV3	83125	108873	4.53%	0.410%
64	13.057	1880	1882	1885	rBV	83405	77009	3.20%	0.290%
65	13.133	1892	1895	1899	rBV6	88700	120761	5.02%	0.455%
66	13.580	1968	1971	1972	rBV	148590	150977	6.28%	0.569%
67	13.727	1992	1996	1999	rBV2	683873	834521	34.72%	3.146%
68	14.727	2164	2166	2174	rVB	244310	431976	17.97%	1.628%
69	15.109	2227	2231	2234	rBV	305498	347844	14.47%	1.311%
70	16.109	2398	2401	2410	rVB2	238041	406522	16.91%	1.532%

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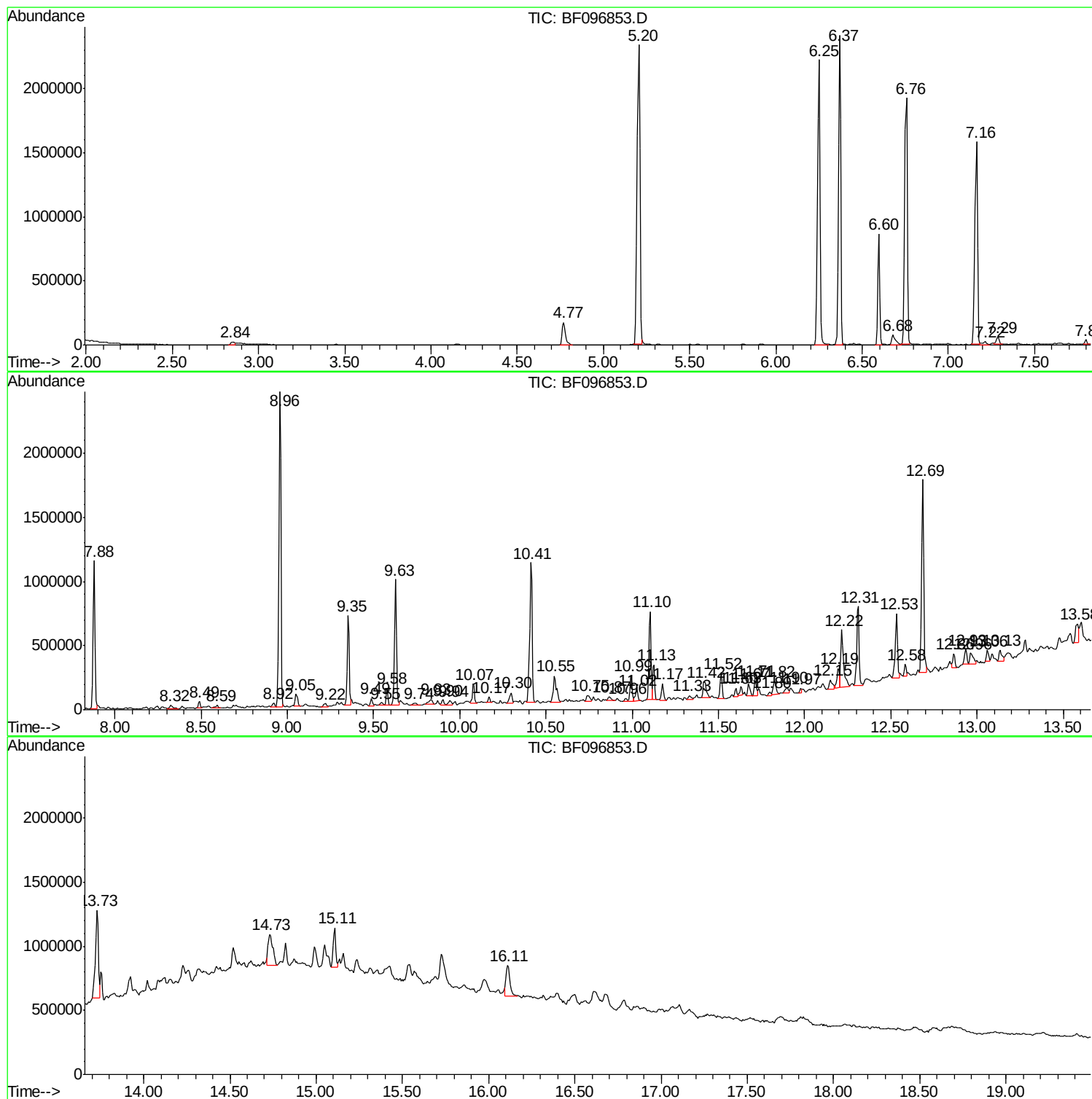
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
PL-01-071717-D

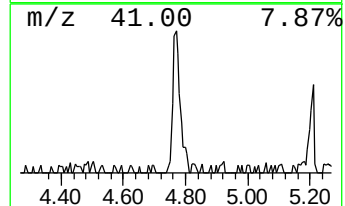
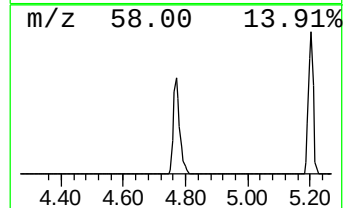
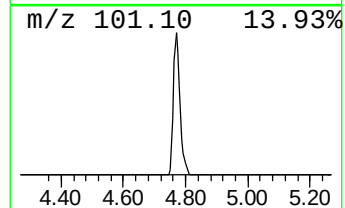
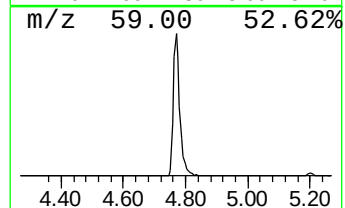
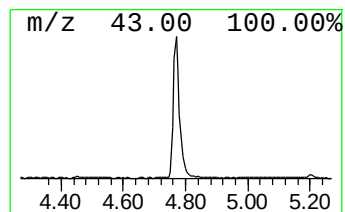
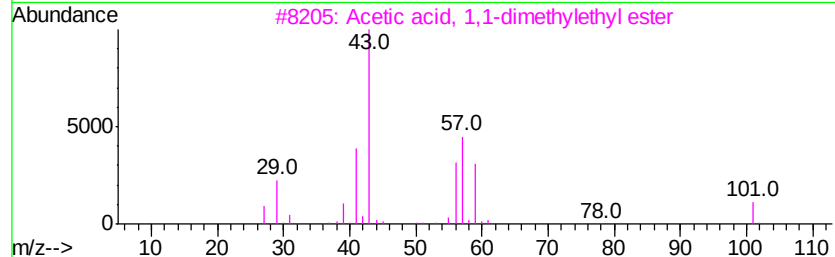
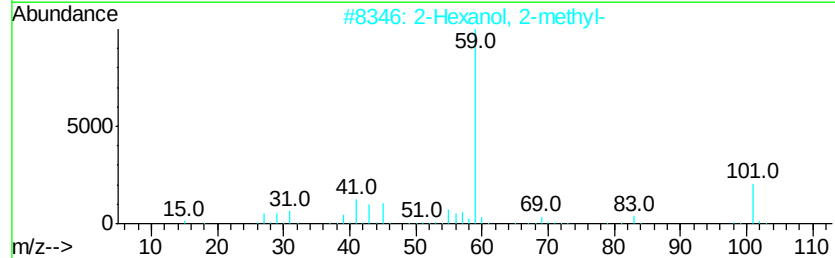
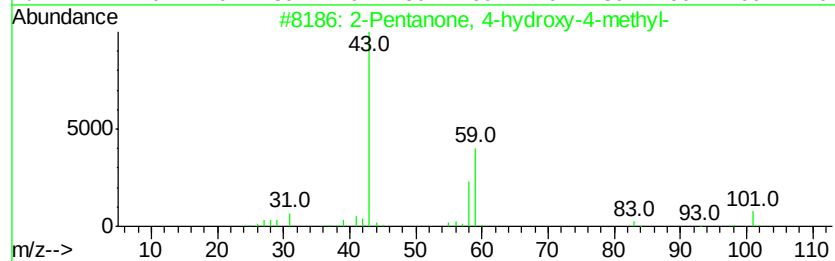
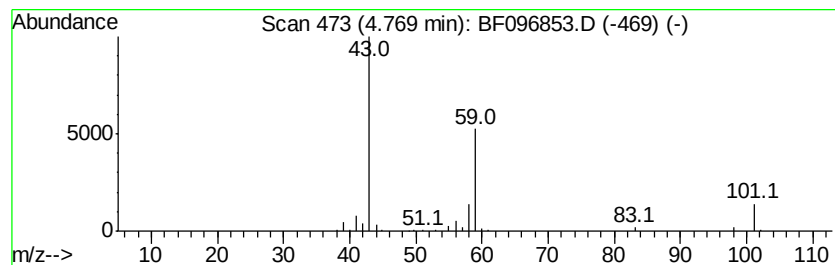
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	7.03 ng	248265	1,4-Dichlorobenzene-d4	6.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
4			3-Heptanol	116	C7H16O	000589-82-2	9
5			3-Hexanol	102	C6H14O	000623-37-0	9



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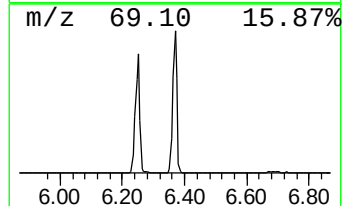
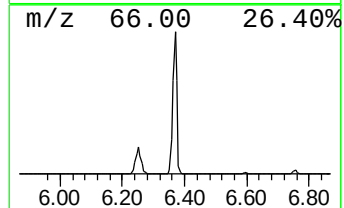
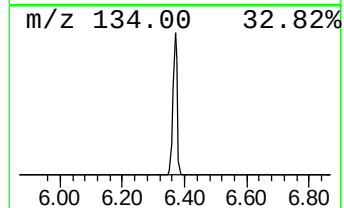
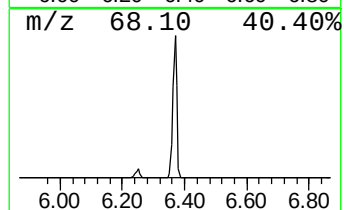
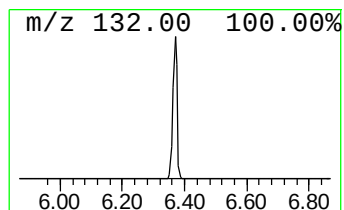
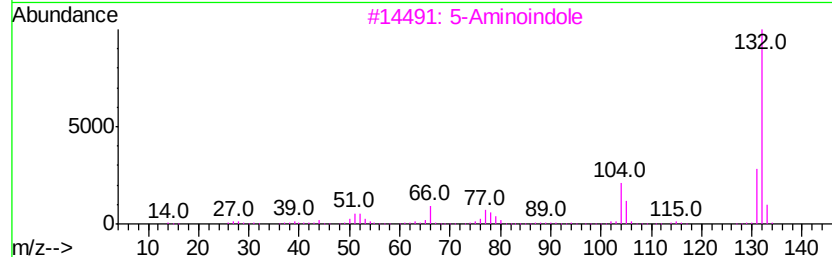
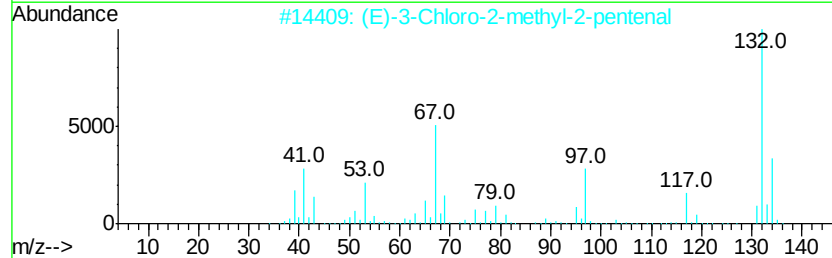
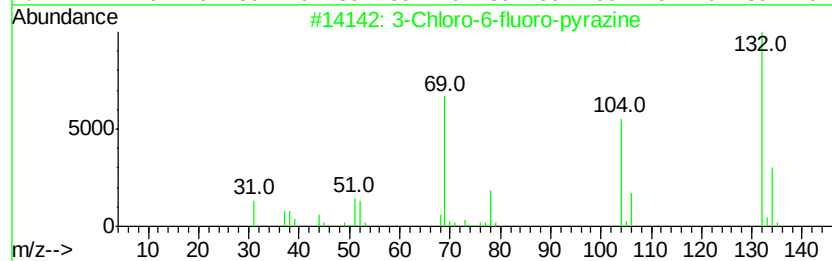
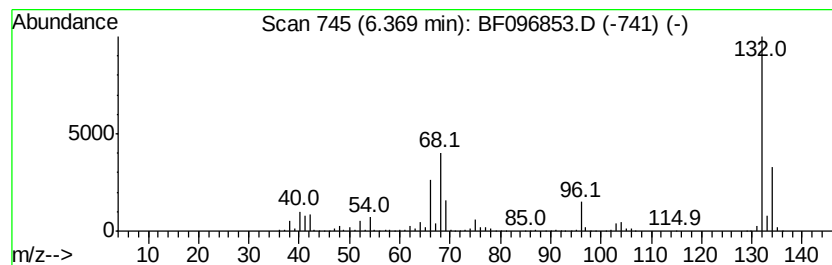
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	65.57 ng	2314360	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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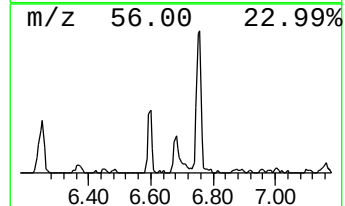
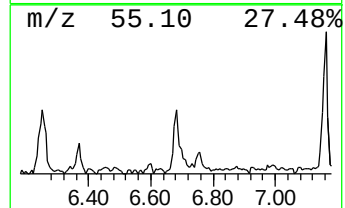
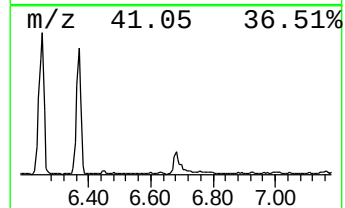
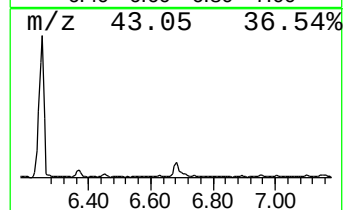
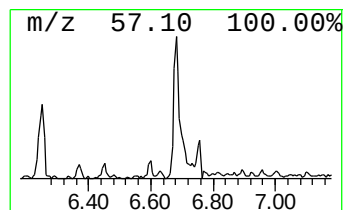
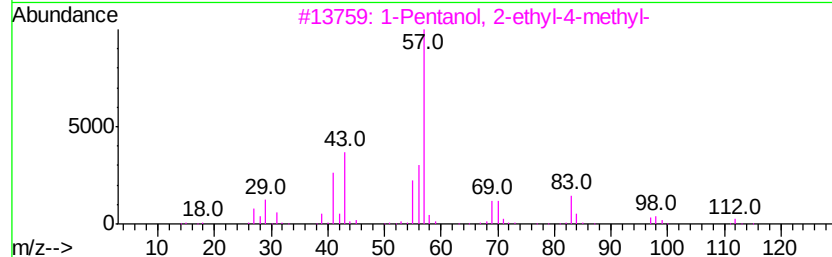
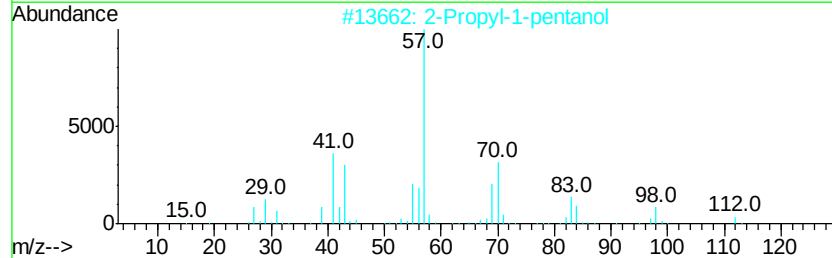
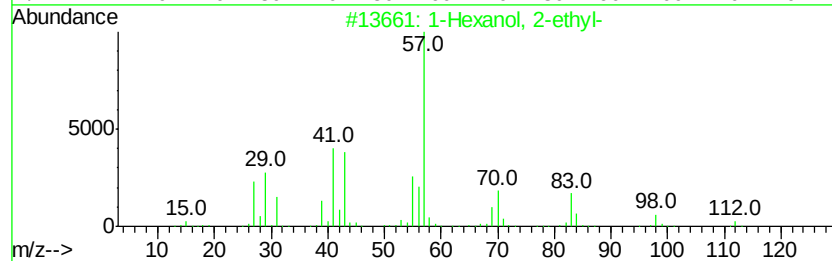
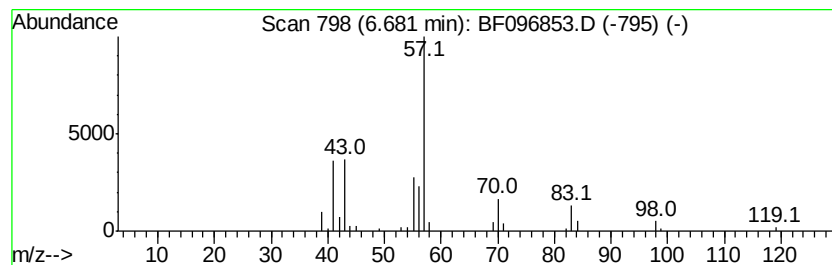
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	2.99 ng	105434	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
4		3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	42
5		1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	40



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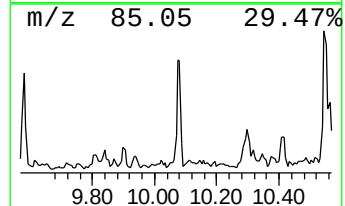
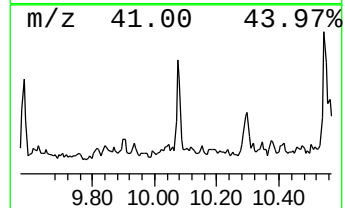
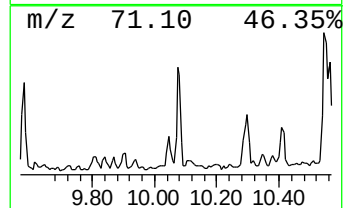
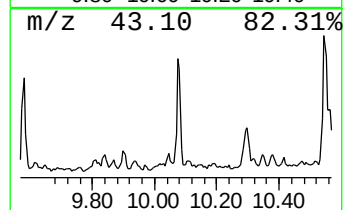
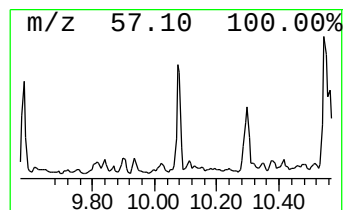
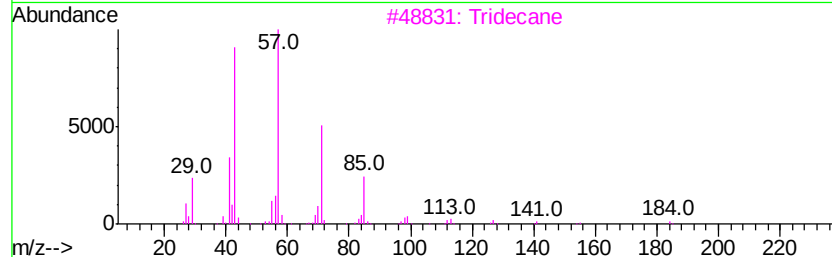
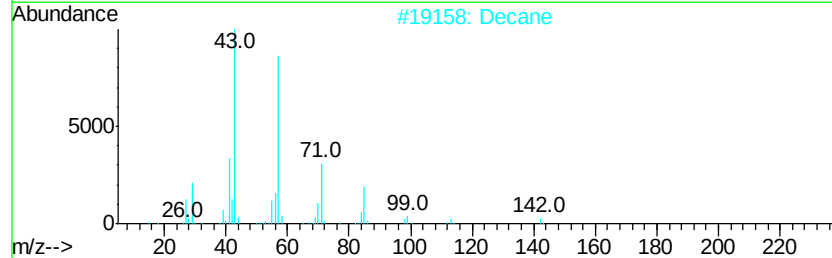
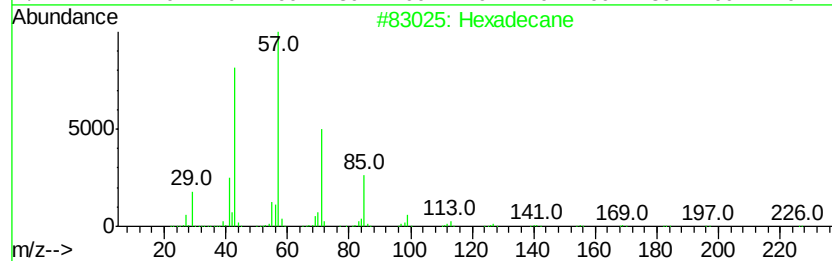
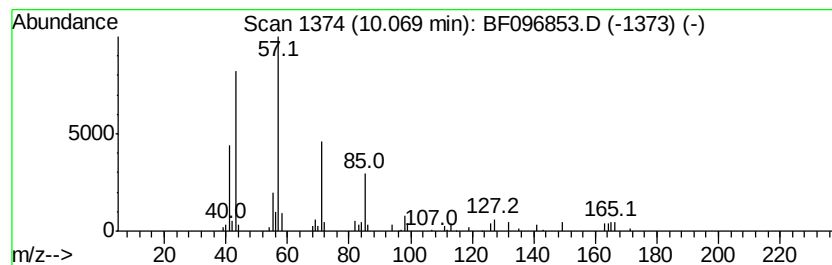
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.91 ng	125495	Acenaphthene-d10	9.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Decane		142	C10H22	000124-18-5	83
3	Tridecane		184	C13H28	000629-50-5	78
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	72
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096853.D
Acq On : 18 Jul 2017 18:10
Operator : SJ/JU
Sample : I4245-10
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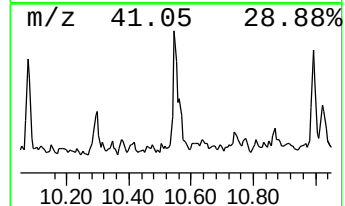
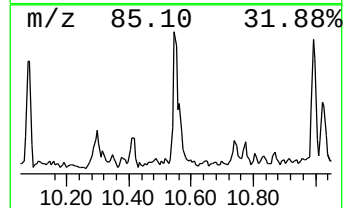
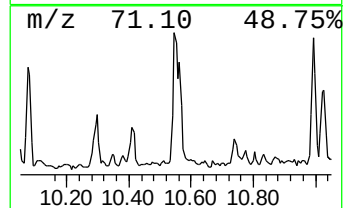
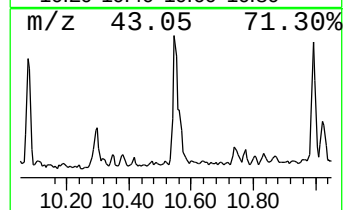
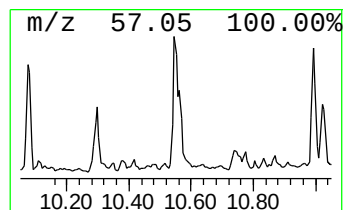
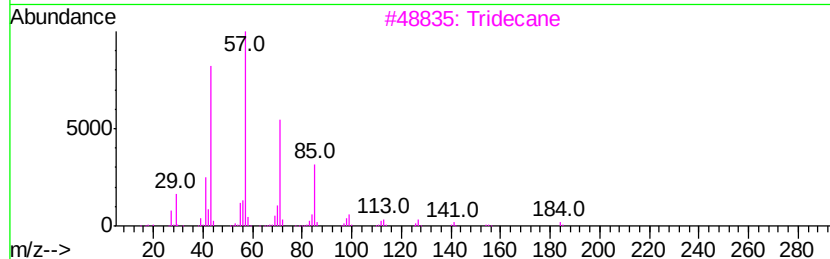
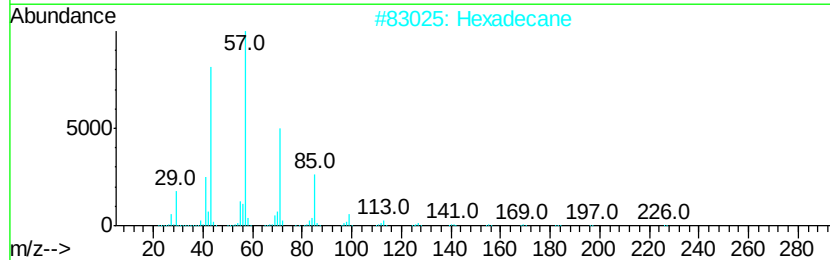
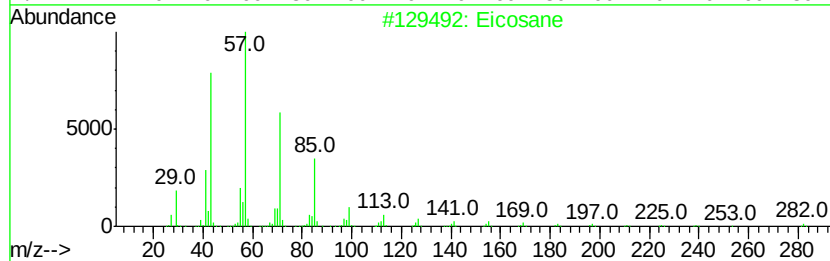
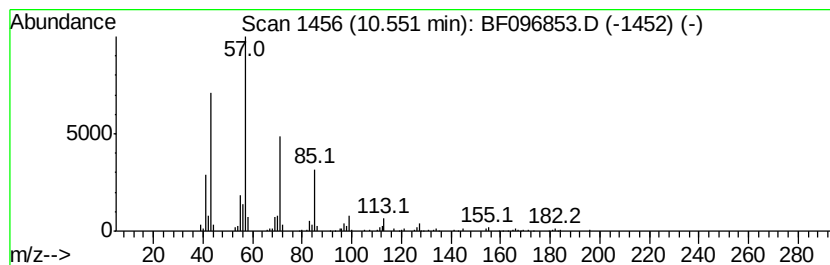
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	8.54 ng	268951	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Hexadecane		226	C16H34	000544-76-3	87
3	Tridecane		184	C13H28	000629-50-5	87
4	Octacosane		394	C28H58	000630-02-4	83
5	Heneicosane		296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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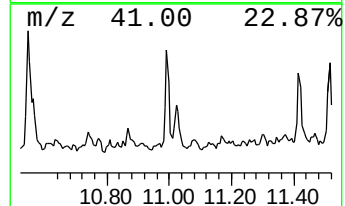
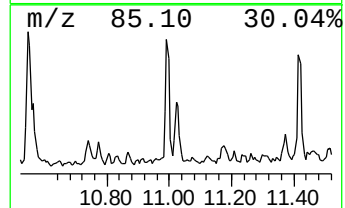
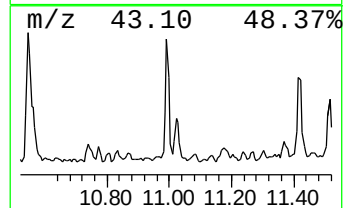
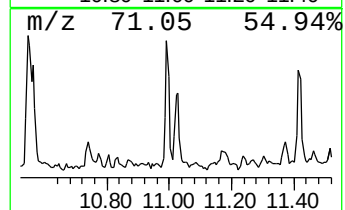
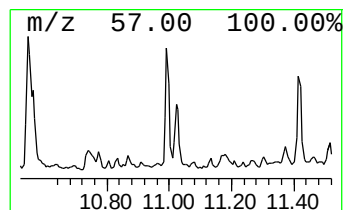
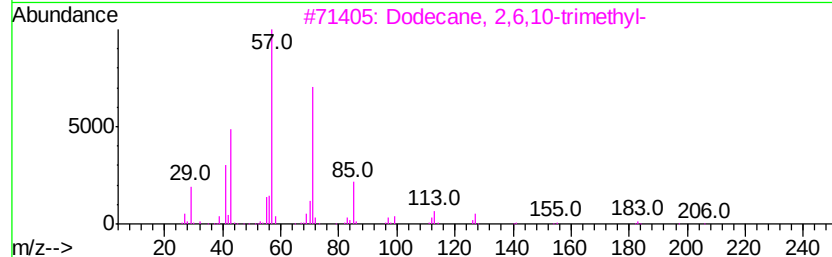
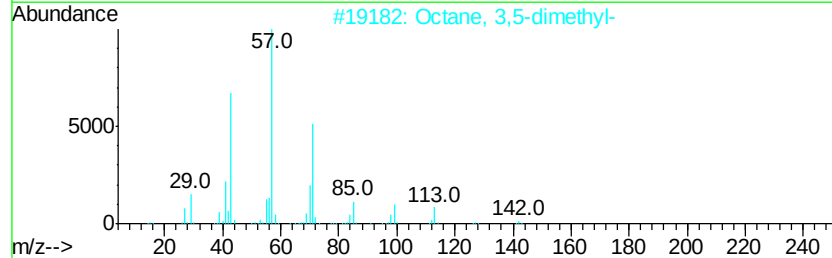
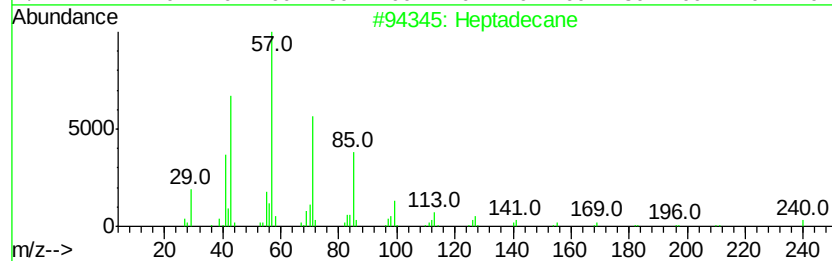
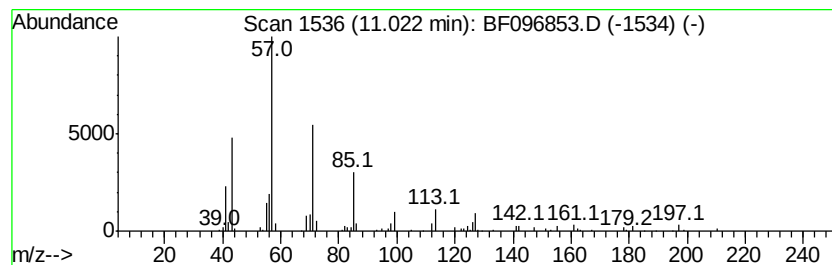
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.79 ng	87914	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	78
2	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	72
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	64
4	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	64
5	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	53



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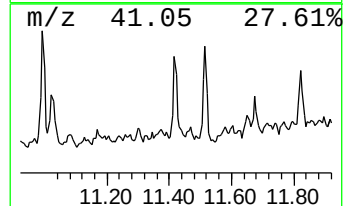
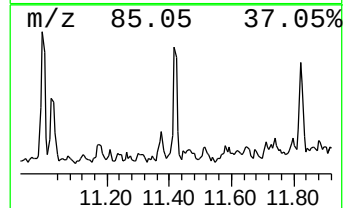
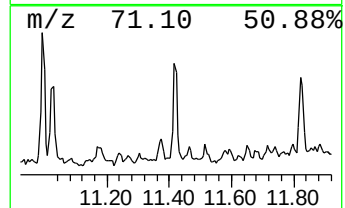
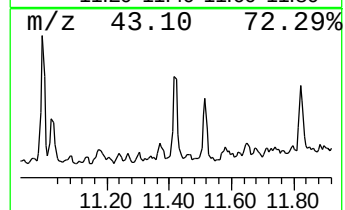
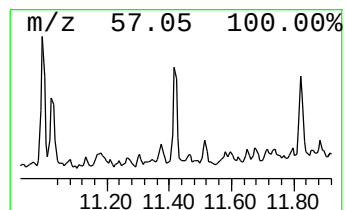
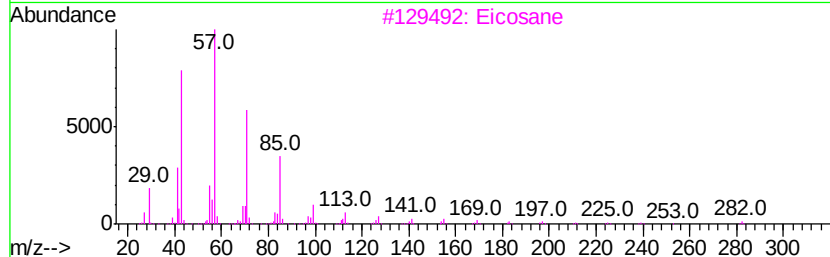
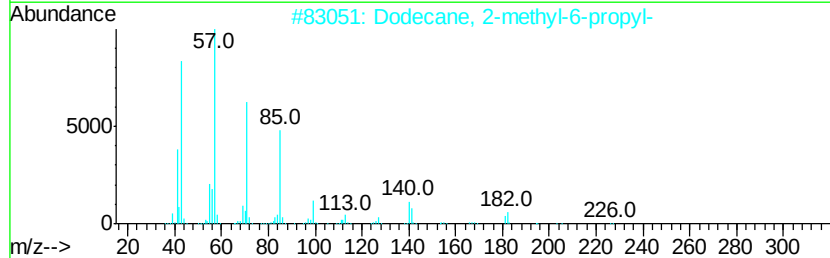
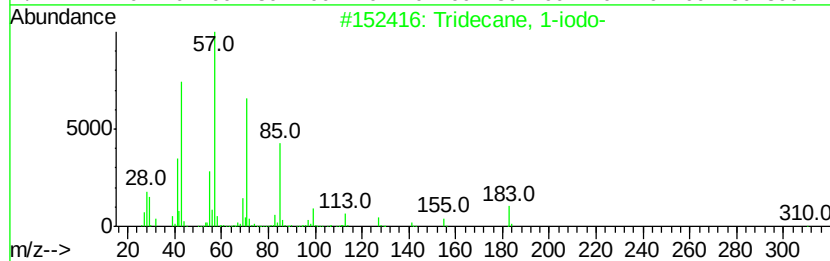
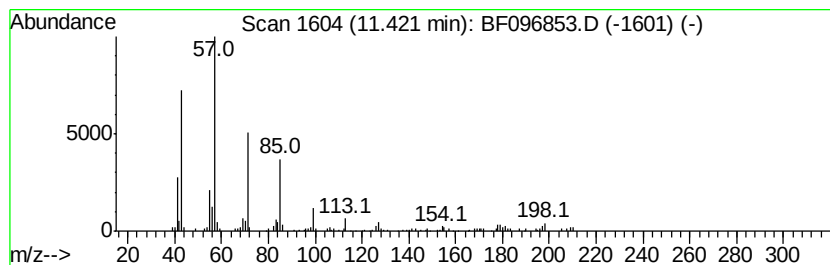
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.42	4.55 ng	143401	Phenanthrene-d10	11.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Eicosane	282	C20H42	000112-95-8	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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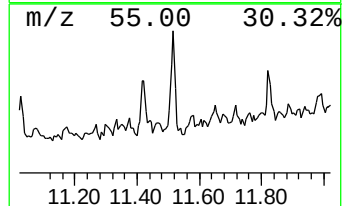
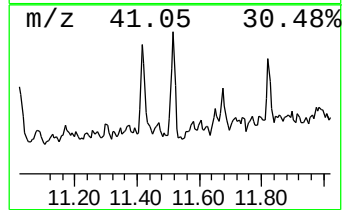
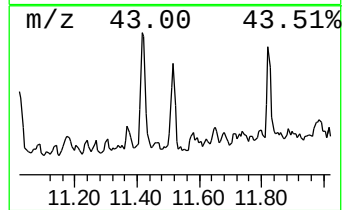
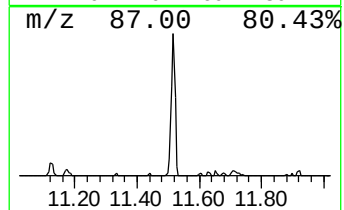
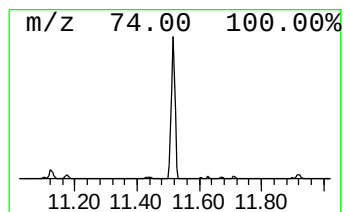
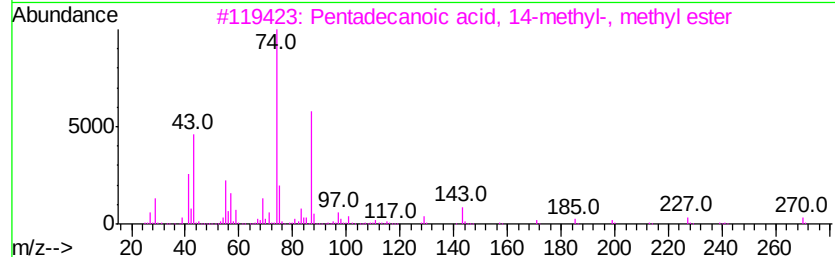
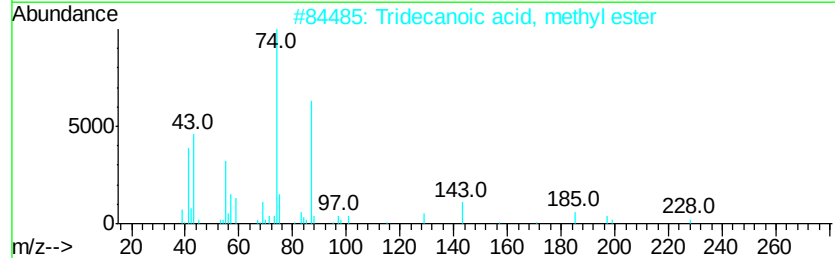
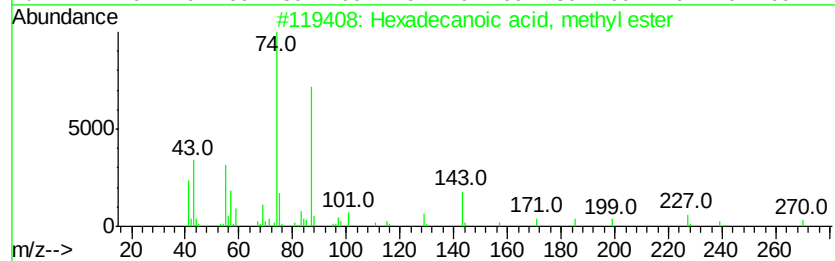
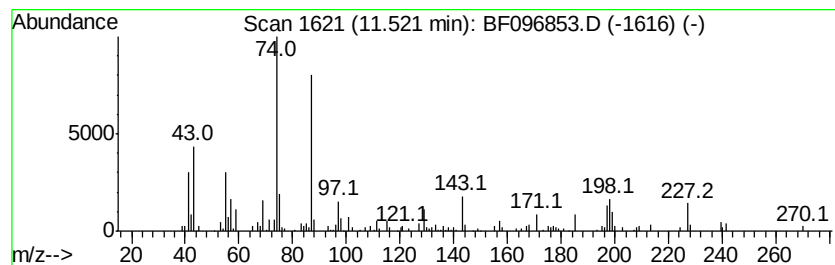
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	5.63 ng	177424	Phenanthrene-d10	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	76
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	72
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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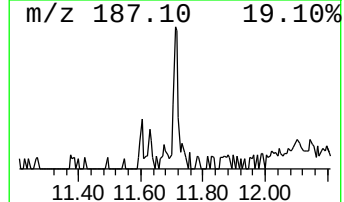
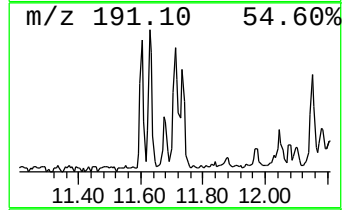
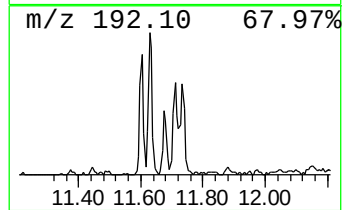
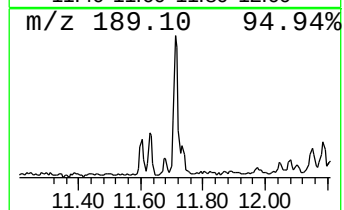
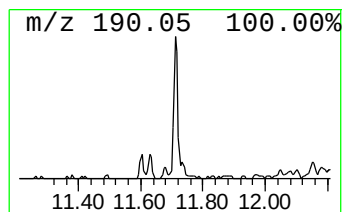
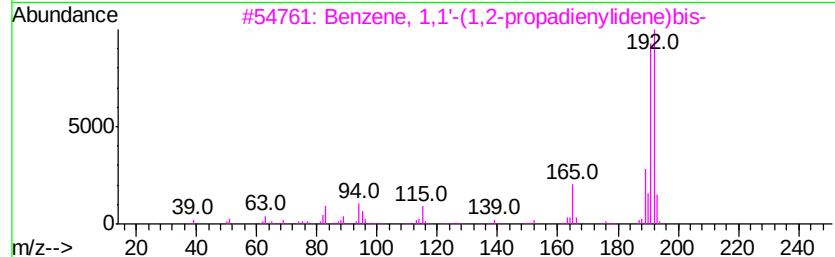
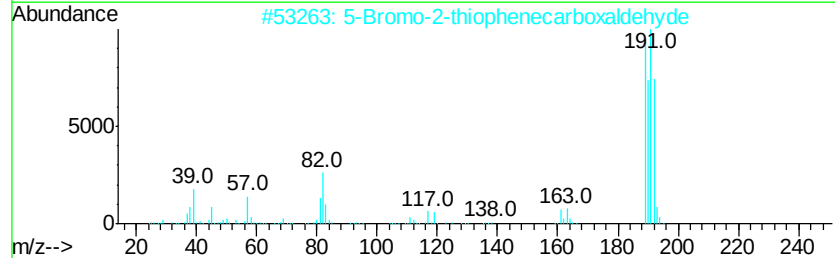
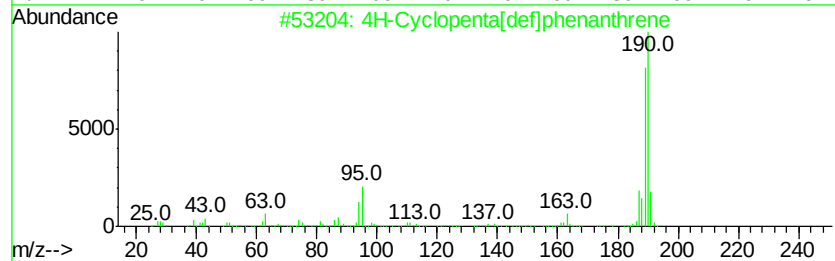
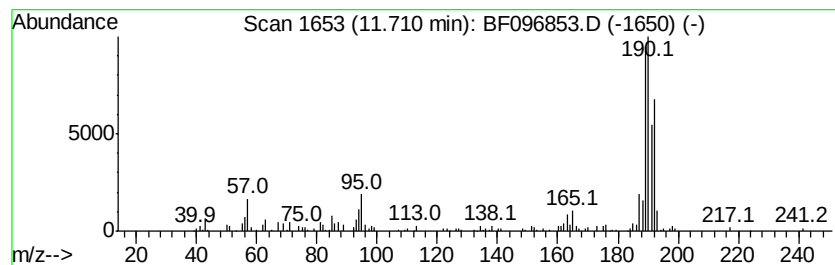
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.13 ng	129915	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3		Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	38
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30



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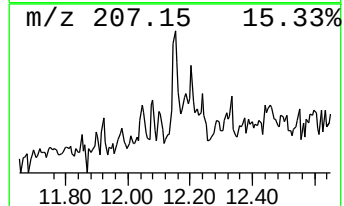
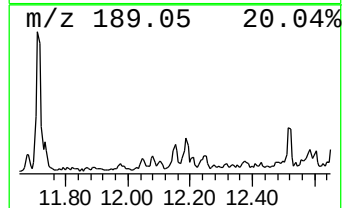
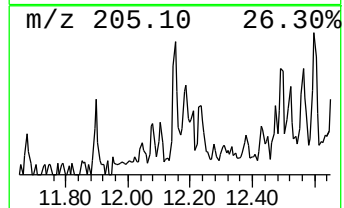
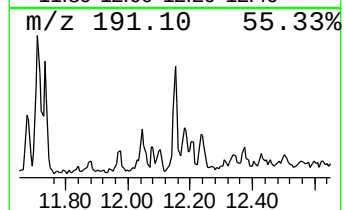
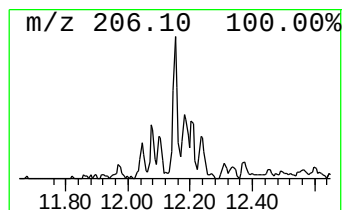
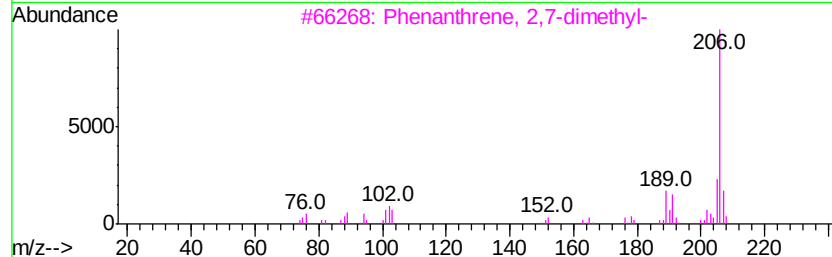
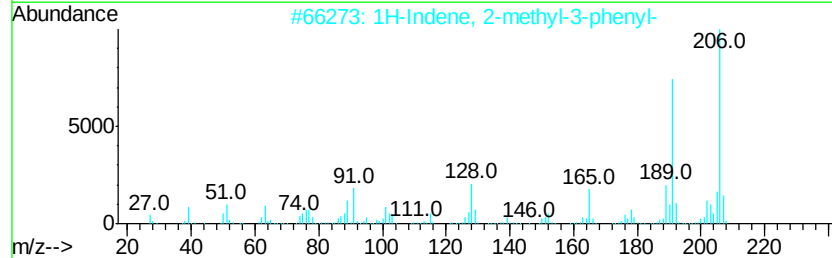
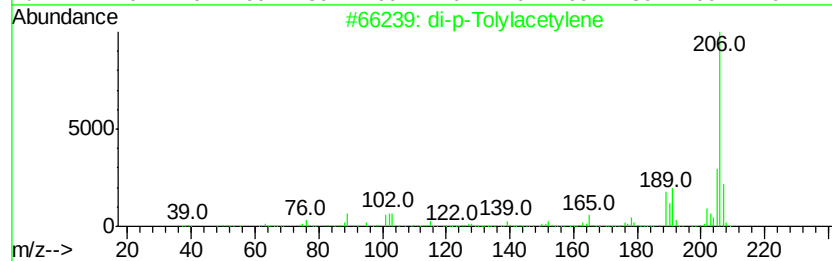
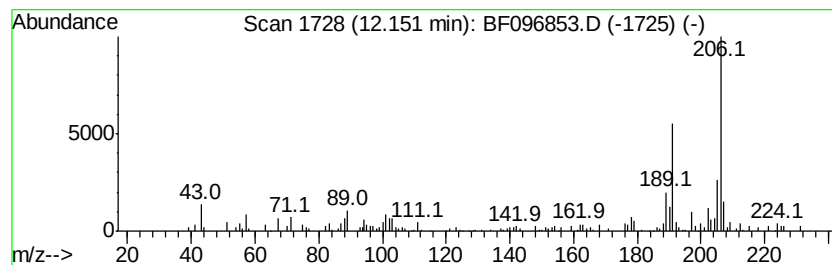
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.94 ng	92539	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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ClientSampleId :
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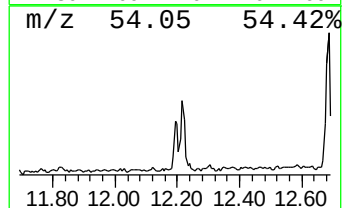
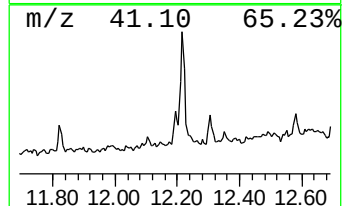
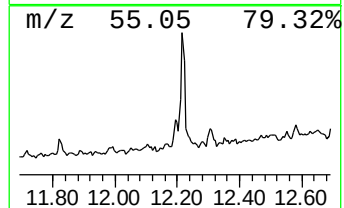
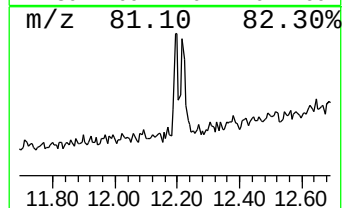
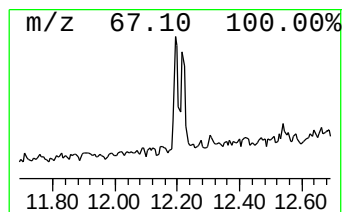
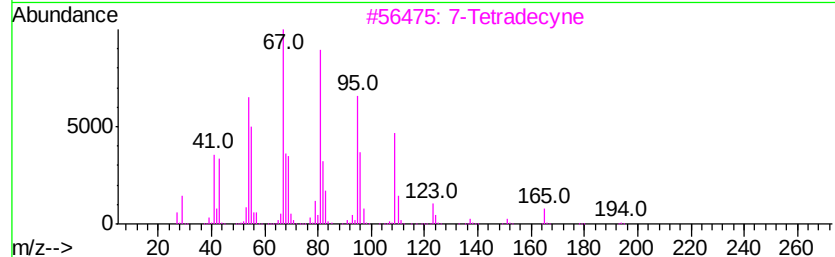
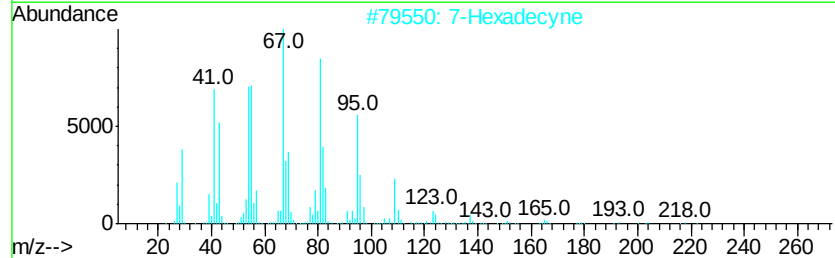
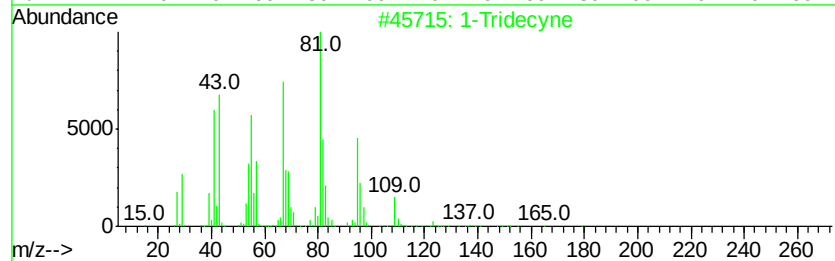
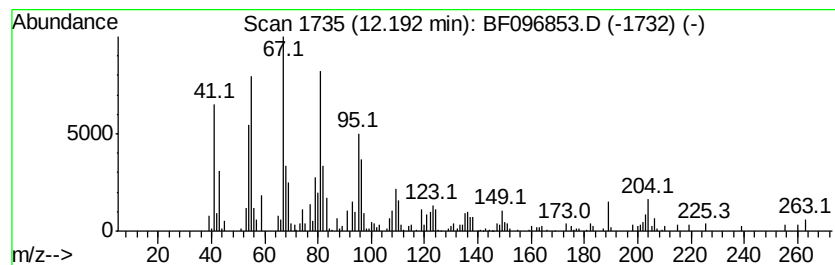
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Tridecyne Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.55 ng	174646	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecyne	180	C13H24	026186-02-7	86
2	7-Hexadecyne	222	C16H30	074685-28-2	86
3	7-Tetradecyne	194	C14H26	035216-11-6	72
4	2,9-Dimethyl-5-decyne	166	C12H22	019550-56-2	68
5	2-Dodecyne	166	C12H22	000629-49-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096853.D
Acq On : 18 Jul 2017 18:10
Operator : SJ/JU
Sample : I4245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-D

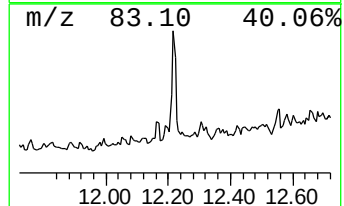
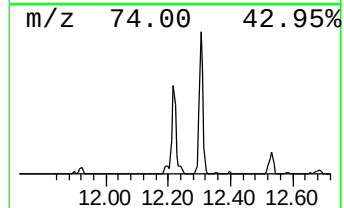
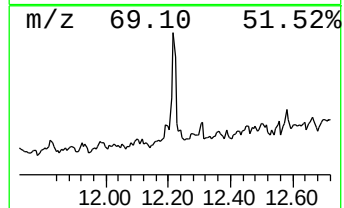
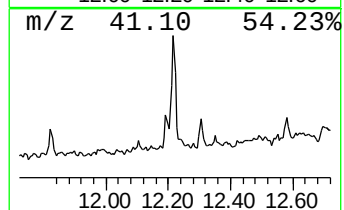
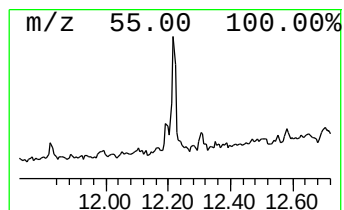
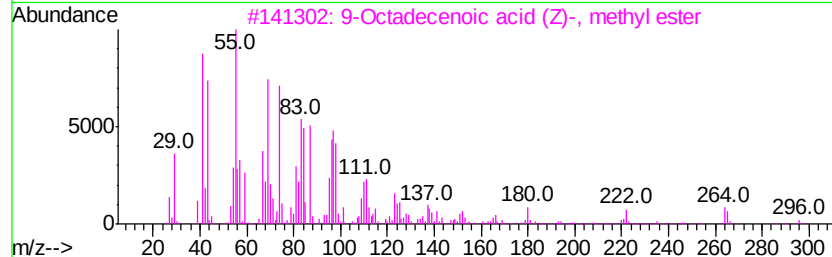
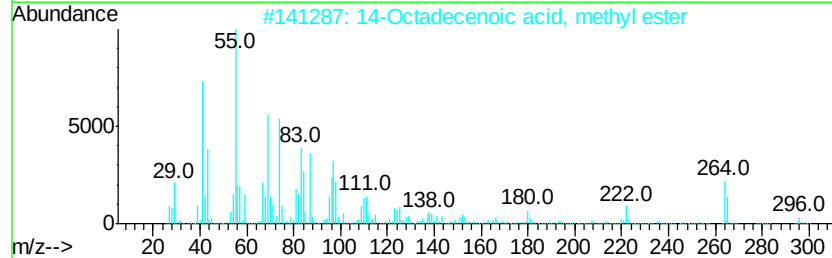
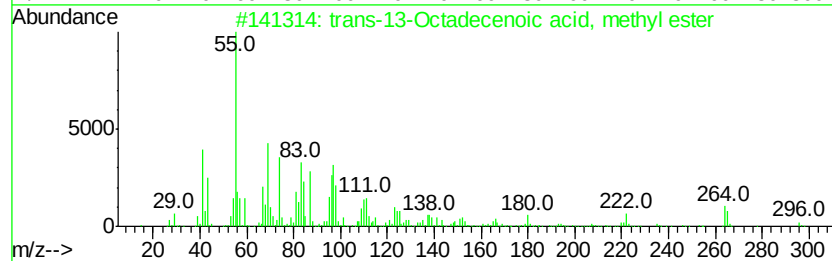
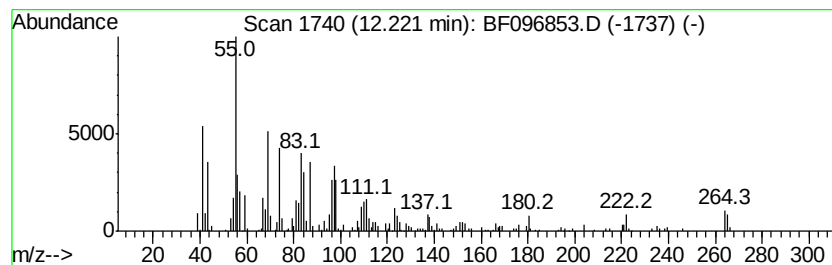
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 trans-13-Octadecenoic acid,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	14.90 ng	469211	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	60
5		2-Tridecenoic acid, (E)-	212	C13H24O2	032466-55-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096853.D
Acq On : 18 Jul 2017 18:10
Operator : SJ/JU
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Misc :
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ClientSampleId :
PL-01-071717-D

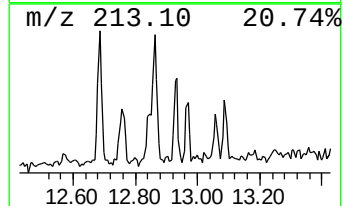
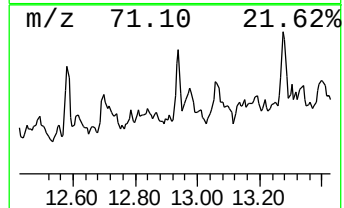
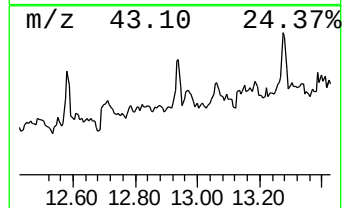
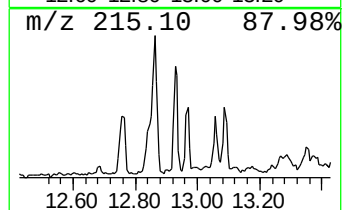
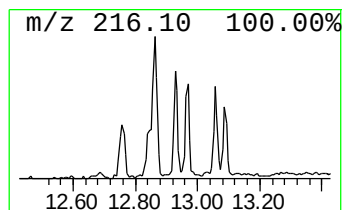
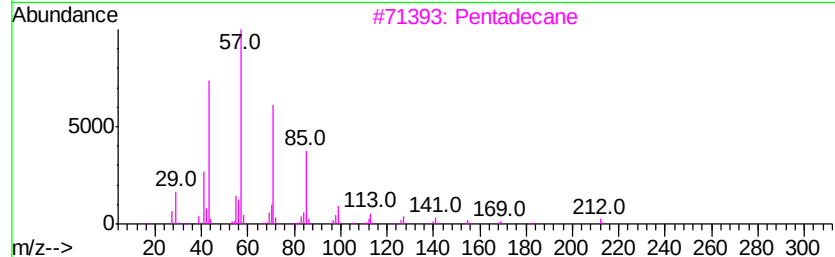
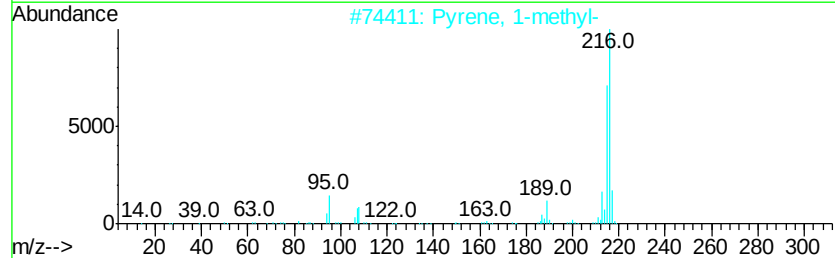
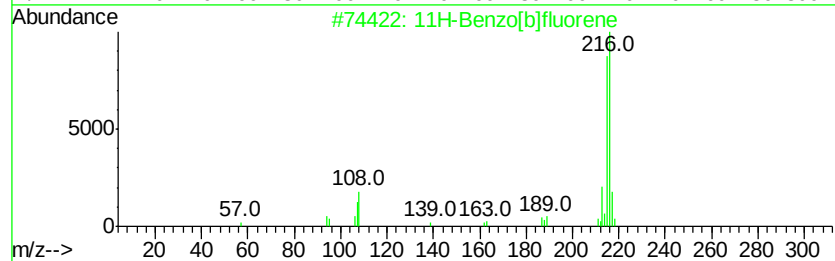
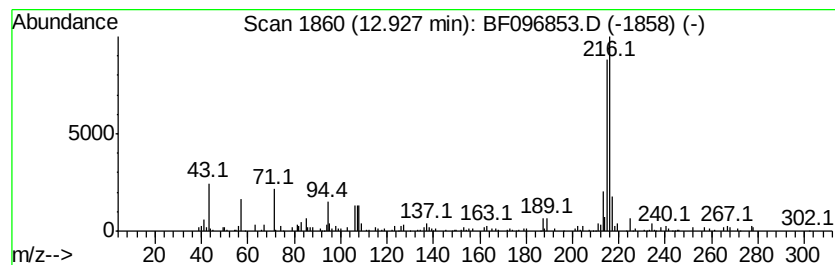
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.83 ng	117902	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3		Pentadecane	212	C15H32	000629-62-9	60
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096853.D
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Operator : SJ/JU
Sample : I4245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-01-071717-D

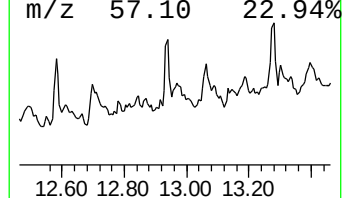
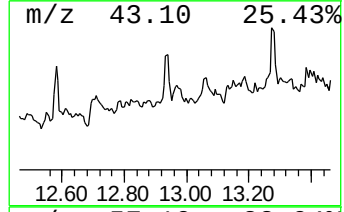
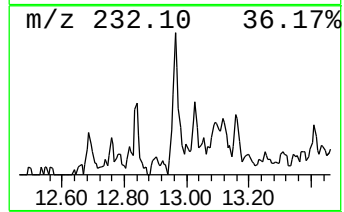
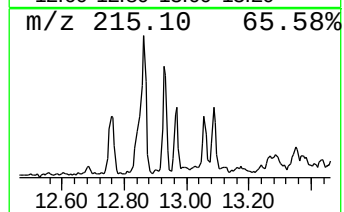
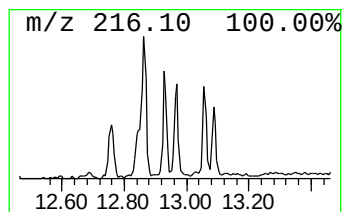
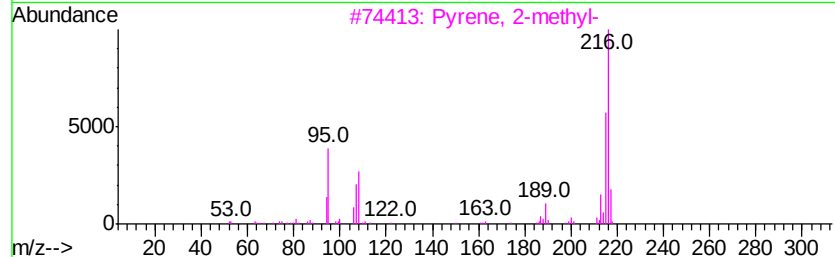
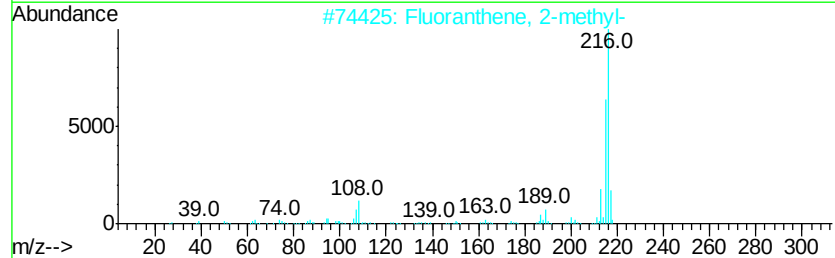
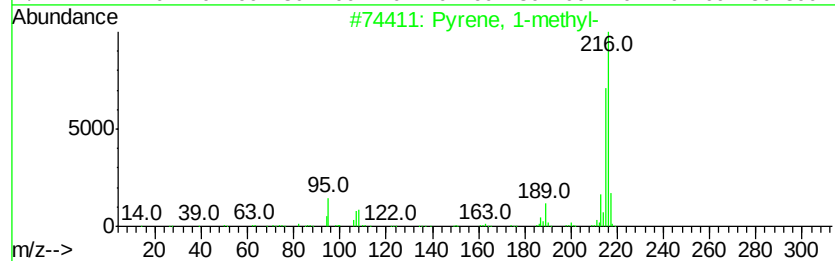
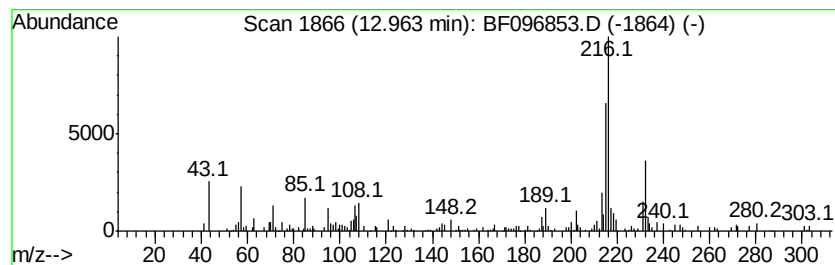
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.61 ng	108873	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096853.D
Acq On : 18 Jul 2017 18:10
Operator : SJ/JU
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ALS Vial : 20 Sample Multiplier: 1

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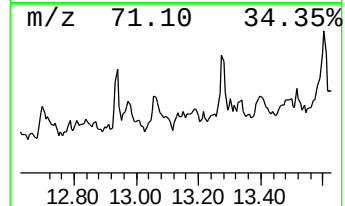
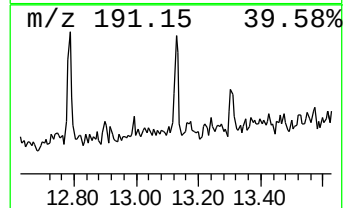
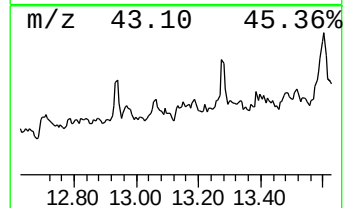
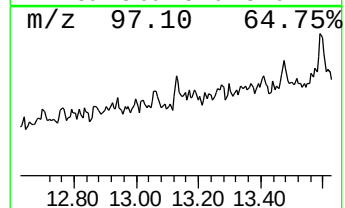
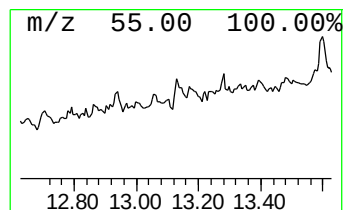
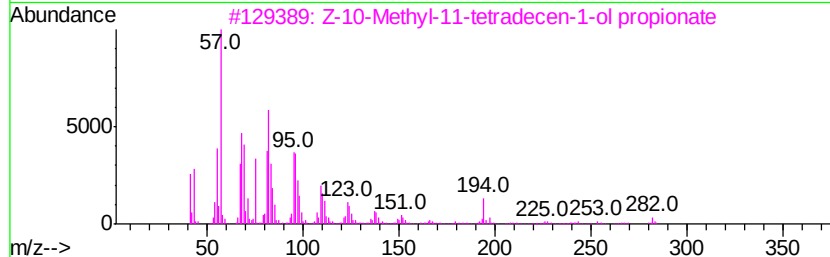
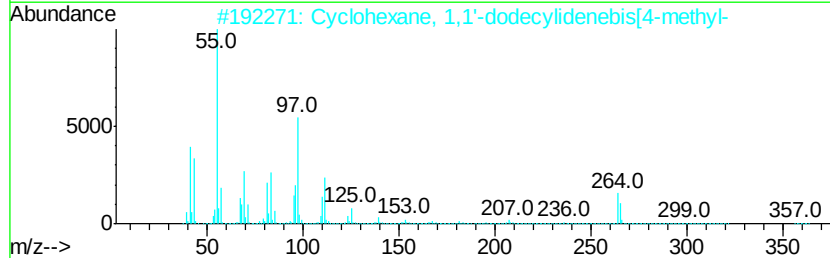
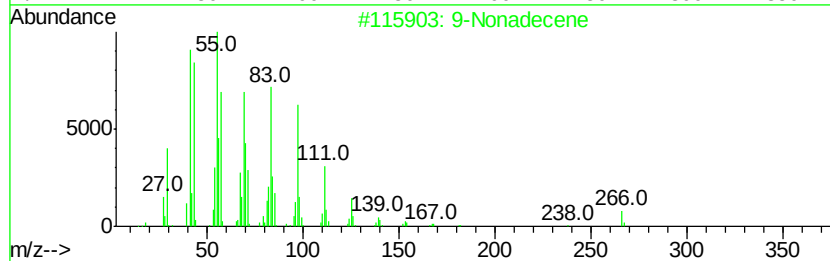
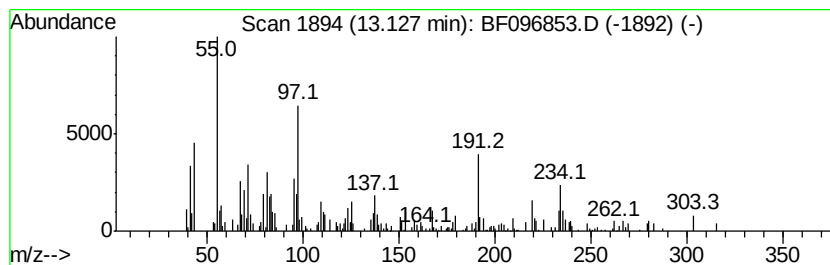
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.13 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.89 ng	120761	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Nonadecene	266	C19H38	031035-07-1	18
2		Cyclohexane, 1,1'-dodecylidenebi...	362	C26H50	055334-09-3	14
3		Z-10-Methyl-11-tetradecen-1-ol p...	282	C18H34O2	1000130-77-5	14
4		Benzoic acid, 4-[1-oxo-2-(2-thie...	275	C14H13NO3S	349432-54-8	11
5		Lycorenan, 7-desoxy-12,4-dihydro-...	303	C18H25NO3	1000111-29-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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Operator : SJ/JU
Sample : I4245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

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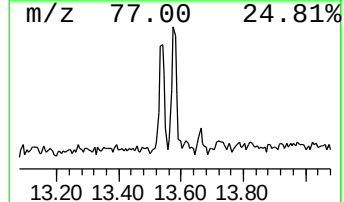
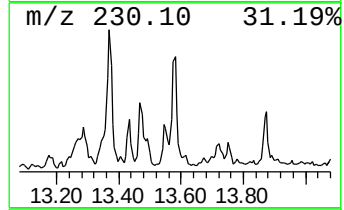
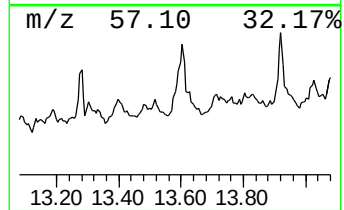
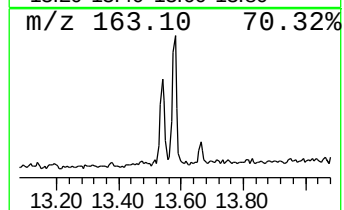
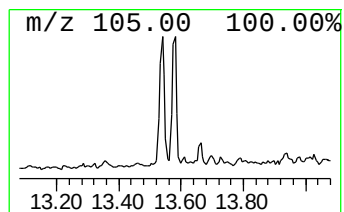
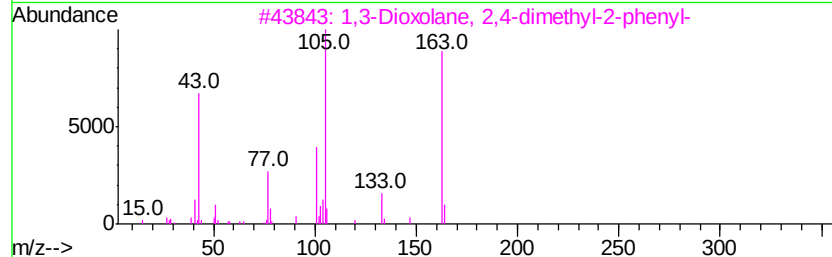
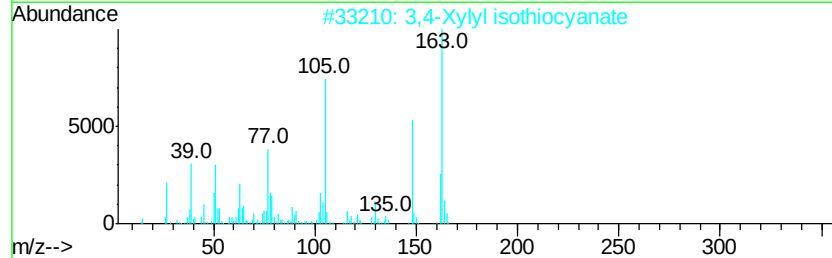
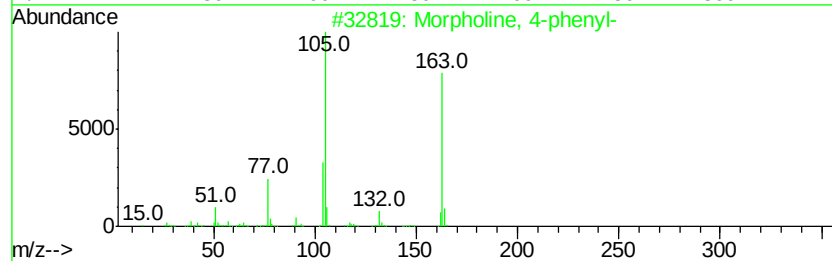
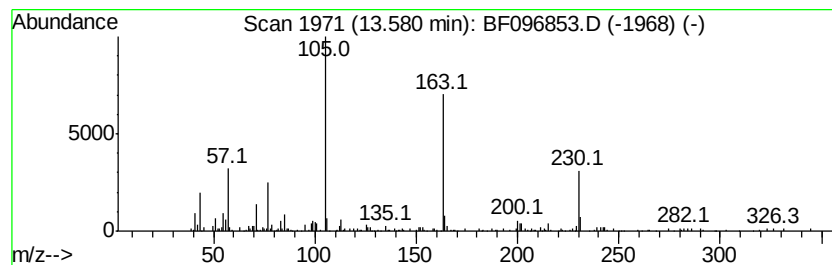
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.58 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.62 ng	150977	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	49
2		3,4-Xylyl isothiocyanate	163	C9H9NS	019241-17-9	47
3		1,3-Dioxolane, 2,4-dimethyl-2-ph...	178	C11H14O2	004359-30-2	42
4		Benzoic acid, 2-benzoyloxy-3-brom...	348	C17H17BrO3	1000191-33-3	38
5		3,5-Dimethylphenyl isothiocyanate	163	C9H9NS	040046-30-8	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096853.D
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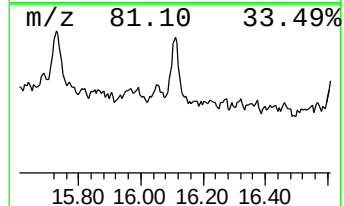
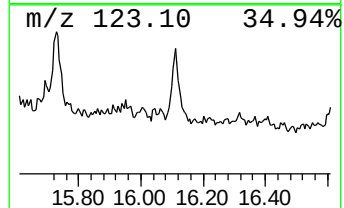
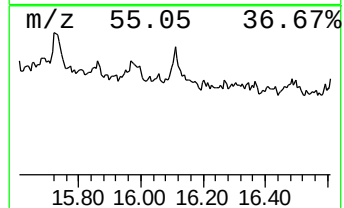
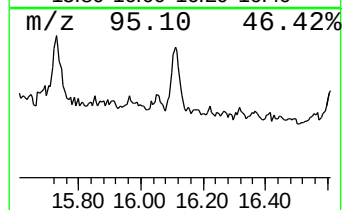
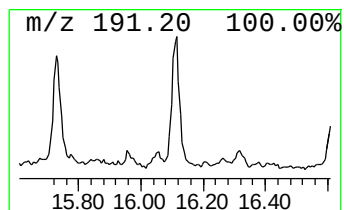
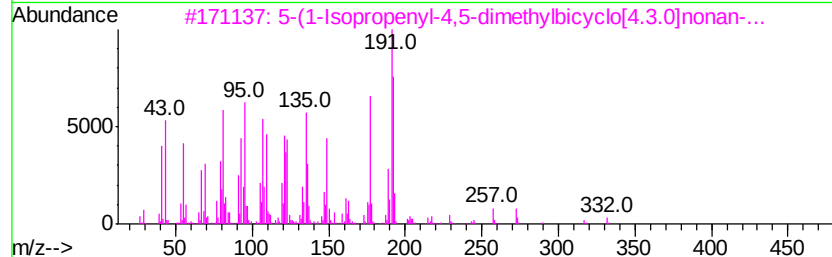
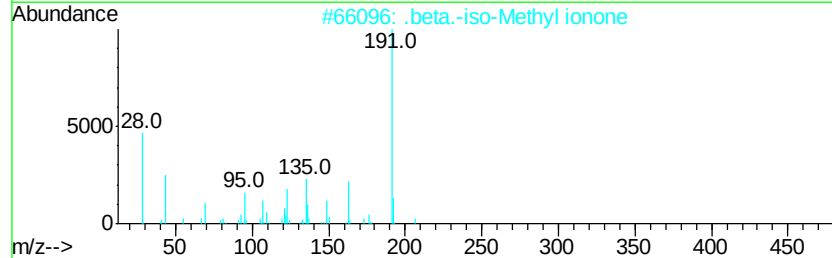
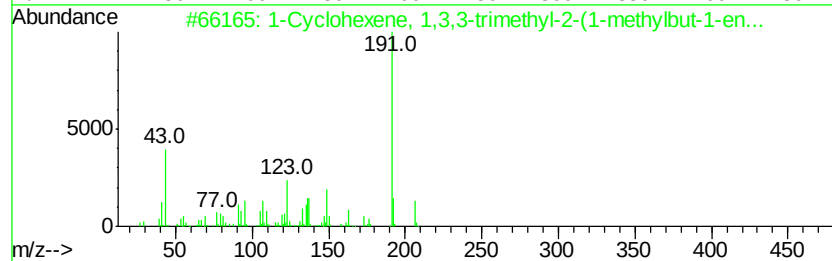
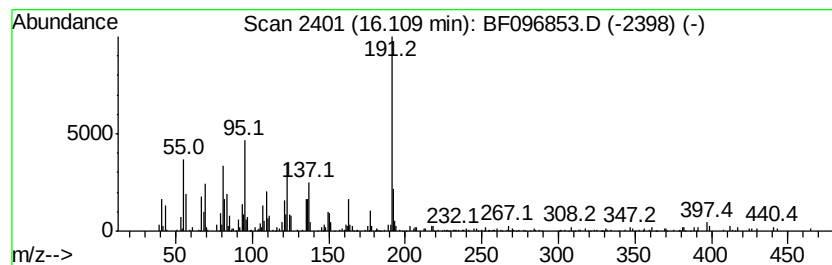
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	23.37 ng	406522	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
3		5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	44
4		Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	38
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
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 Acq On : 18 Jul 2017 18:10
 Operator : SJ/JU
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.77	7.0 ng		248265	1	6.60	705963	20.0
unknown6.37	6.37	65.6 ng		2314360	1	6.60	705963	20.0
1-Hexanol, 2-ethyl-	6.68	3.0 ng		105434	1	6.60	705963	20.0
Hexadecane	10.07	2.9 ng		125495	3	9.63	863685	20.0
Eicosane	10.55	8.5 ng		268951	4	11.10	629798	20.0
Heptadecane	11.02	2.8 ng		87914	4	11.10	629798	20.0
Tridecane, 1-iodo-	11.42	4.5 ng		143401	4	11.10	629798	20.0
Hexadecanoic acid...	11.52	5.6 ng		177424	4	11.10	629798	20.0
4H-Cyclopenta[def...	11.71	4.1 ng		129915	4	11.10	629798	20.0
di-p-Tolylacetylene	12.15	2.9 ng		92539	4	11.10	629798	20.0
1-Tridecyne	12.19	5.5 ng		174646	4	11.10	629798	20.0
trans-13-Octadece...	12.22	14.9 ng		469211	4	11.10	629798	20.0
11H-Benzo[b]fluorene	12.93	2.8 ng		117902	5	13.73	834521	20.0
Pyrene, 1-methyl-	12.96	2.6 ng		108873	5	13.73	834521	20.0
unknown13.13	13.13	2.9 ng		120761	5	13.73	834521	20.0
unknown13.58	13.58	3.6 ng		150977	5	13.73	834521	20.0
1-Cyclohexene, 1,...	16.11	23.4 ng		406522	6	15.11	347844	20.0