

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113873.D
 Acq On : 19 Apr 2019 21:40
 Operator : JU/SJ
 Sample : K2483-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30134-39

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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	5.516	579	583	593	rBV	943557	865968	57.20%	3.972%
2	6.522	750	754	756	rBV	906736	847431	55.97%	3.887%
3	6.540	756	757	768	rVB	75986	61791	4.08%	0.283%
4	6.669	775	779	783	rBV	1137529	905590	59.81%	4.154%
5	6.904	815	819	822	rBV	1118015	897010	59.25%	4.115%
6	7.057	842	845	849	rVB	846504	702697	46.41%	3.223%
7	7.451	909	912	916	rBV	509759	435031	28.73%	1.995%
8	8.186	1032	1037	1040	rBV	1214245	1096232	72.41%	5.028%
9	8.486	1081	1088	1094	rBV6	19235	42516	2.81%	0.195%
10	8.781	1135	1138	1139	rBV	69504	57267	3.78%	0.263%
11	8.845	1145	1149	1152	rVV	53844	46413	3.07%	0.213%
12	8.898	1152	1158	1162	rVB3	69742	100383	6.63%	0.460%
13	8.998	1172	1175	1181	rVB2	39466	37561	2.48%	0.172%
14	9.257	1216	1219	1222	rBV	1284743	967777	63.92%	4.439%
15	9.345	1229	1234	1238	rBV2	54828	57739	3.81%	0.265%
16	9.528	1261	1265	1269	rVB2	24159	35091	2.32%	0.161%
17	9.598	1275	1277	1280	rBV2	48501	43409	2.87%	0.199%
18	9.651	1283	1286	1291	rVB3	68043	75817	5.01%	0.348%
19	9.716	1295	1297	1301	rVB3	31803	32961	2.18%	0.151%
20	9.751	1301	1303	1307	rVB3	29570	32737	2.16%	0.150%
21	9.798	1307	1311	1314	rBV	74954	87086	5.75%	0.399%
22	9.939	1329	1335	1338	rBV	1307081	1136745	75.08%	5.214%
23	9.975	1338	1341	1344	rVB	170648	141545	9.35%	0.649%
24	10.051	1351	1354	1358	rVB3	101056	113084	7.47%	0.519%
25	10.110	1360	1364	1366	rBV3	61180	61433	4.06%	0.282%
26	10.145	1366	1370	1375	rVB	80153	100276	6.62%	0.460%
27	10.357	1401	1406	1407	rBV4	23053	35419	2.34%	0.162%
28	10.486	1425	1428	1433	rBV	156054	135658	8.96%	0.622%
29	10.551	1433	1439	1441	rBV5	20005	33204	2.19%	0.152%
30	10.645	1452	1455	1459	rVB3	40324	37047	2.45%	0.170%
31	10.722	1465	1468	1473	rBV	598461	579092	38.25%	2.656%
32	10.863	1487	1492	1499	rVB3	83254	134161	8.86%	0.615%
33	10.933	1499	1504	1508	rBV6	20181	39785	2.63%	0.182%
34	10.998	1512	1515	1518	rBV	85841	74780	4.94%	0.343%

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35	11.039	1518	1522	1524	rBV3	76911	83719	5.53%	0.384%
36	11.063	1524	1526	1531	rVB2	138688	147106	9.72%	0.675%
37	11.122	1532	1536	1540	rVB	85892	102061	6.74%	0.468%
38	11.169	1540	1544	1546	rBV	120706	114989	7.60%	0.527%
39	11.269	1559	1561	1564	rBV3	47786	47384	3.13%	0.217%
40	11.298	1564	1566	1568	rVV2	61595	57434	3.79%	0.263%
41	11.333	1568	1572	1578	rVB2	131566	170665	11.27%	0.783%
42	11.433	1585	1589	1591	rBV	1295545	1253707	82.81%	5.751%
43	11.457	1591	1593	1596	rVV	663438	522344	34.50%	2.396%
44	11.504	1599	1601	1605	rVB	227183	204020	13.48%	0.936%
45	11.616	1618	1620	1623	rBV3	39989	43012	2.84%	0.197%
46	11.657	1625	1627	1630	rBV3	44168	56398	3.73%	0.259%
47	11.686	1630	1632	1635	rBV2	69852	65126	4.30%	0.299%
48	11.733	1638	1640	1643	rBV2	78944	68737	4.54%	0.315%
49	11.904	1667	1669	1671	rBV3	52236	52151	3.44%	0.239%
50	11.974	1678	1681	1685	rBV2	327061	388851	25.68%	1.784%
51	12.010	1685	1687	1691	rVV2	235618	209275	13.82%	0.960%
52	12.069	1691	1697	1705	rVV4	204687	435012	28.73%	1.995%
53	12.139	1706	1709	1711	rBV2	78186	78639	5.19%	0.361%
54	12.163	1711	1713	1717	rBV	127432	161889	10.69%	0.743%
55	12.233	1722	1725	1727	rBV	112422	108525	7.17%	0.498%
56	12.469	1763	1765	1769	rVB	177086	177575	11.73%	0.815%
57	12.710	1802	1806	1809	rBV	1193235	1219712	80.56%	5.595%
58	12.739	1809	1811	1814	rBV	260454	314833	20.79%	1.444%
59	12.827	1823	1826	1828	rBV2	240517	295193	19.50%	1.354%
60	12.963	1846	1849	1853	rVB	920492	874198	57.74%	4.010%
61	13.127	1874	1877	1880	rBV	1274293	1414253	93.41%	6.487%
62	13.416	1924	1926	1930	rVB2	359182	376821	24.89%	1.728%
63	13.574	1950	1953	1957	rBV2	376864	475010	31.37%	2.179%
64	13.704	1973	1975	1982	rBV2	540010	717569	47.40%	3.291%
65	14.215	2059	2062	2066	rBV	1170037	1513994	100.00%	6.945%

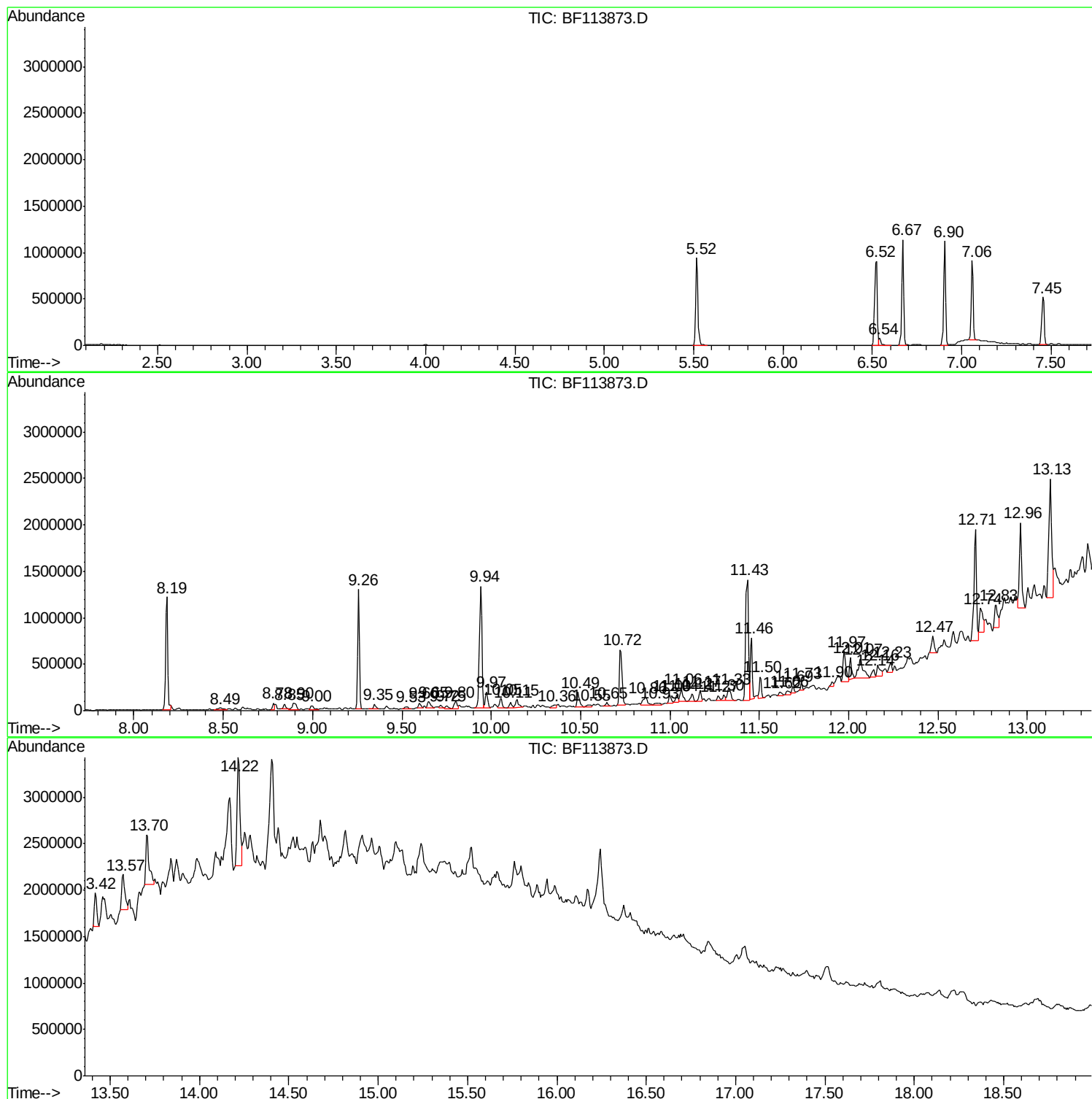
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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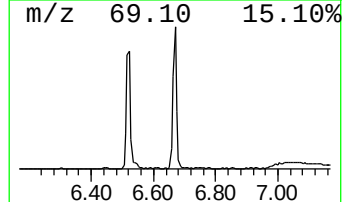
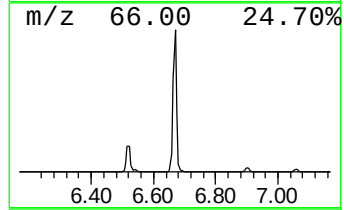
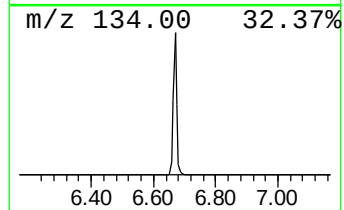
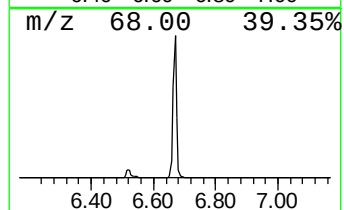
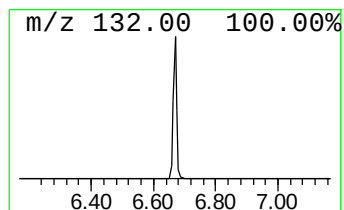
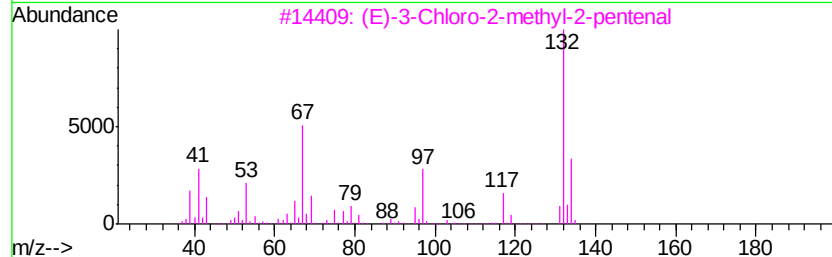
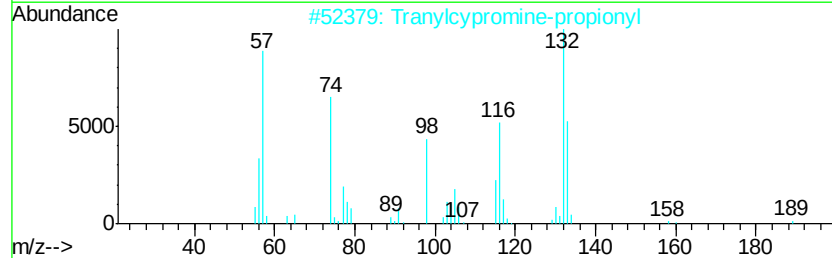
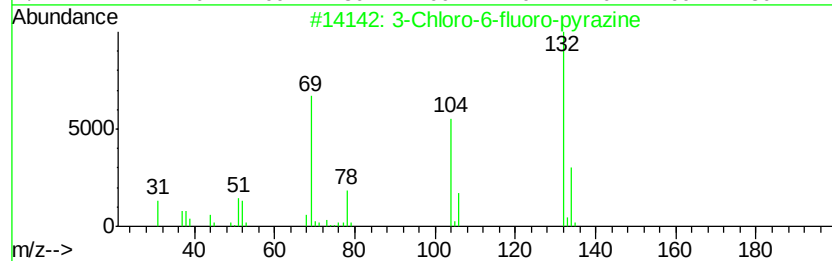
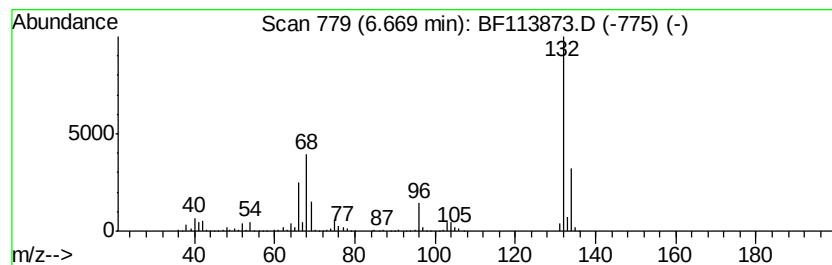
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	20.19 ng	905590	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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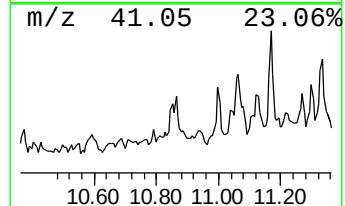
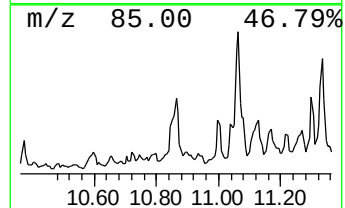
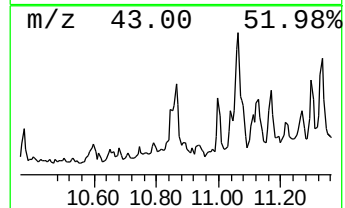
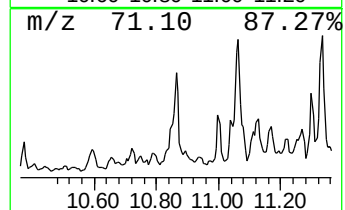
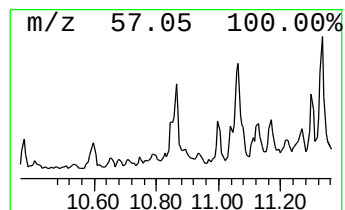
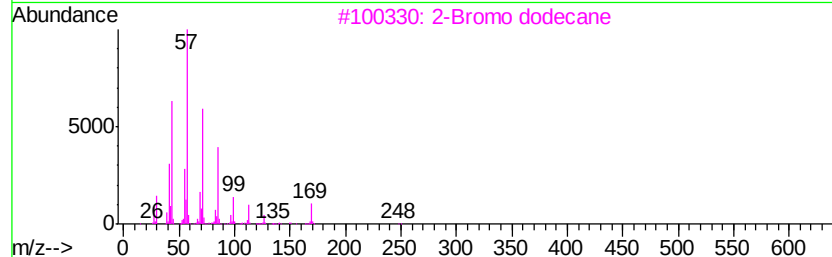
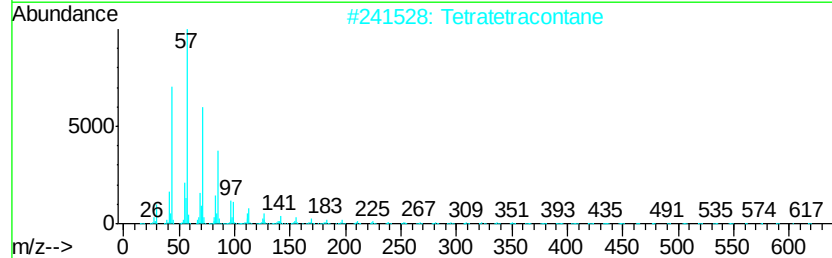
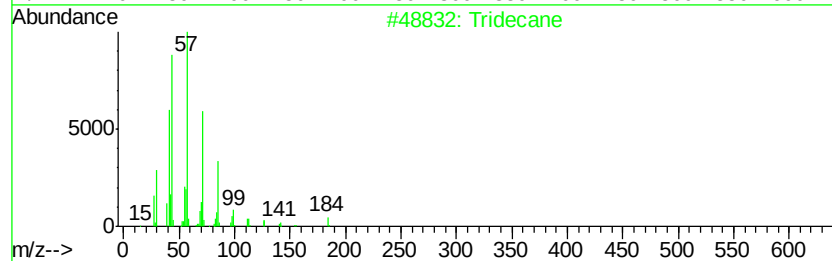
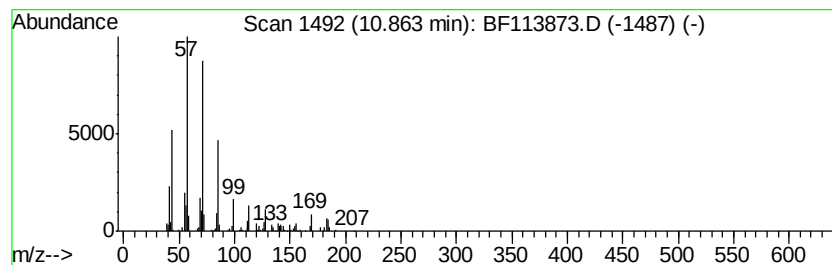
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	2.14 ng	134161	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



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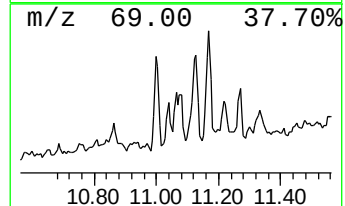
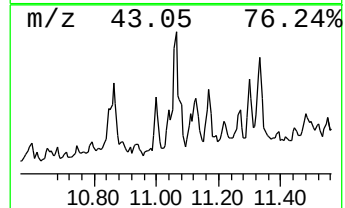
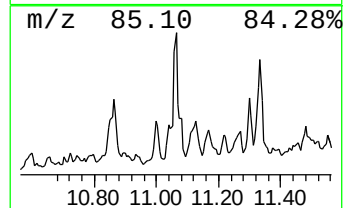
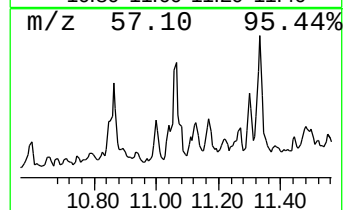
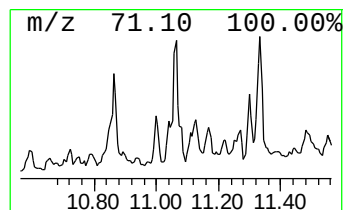
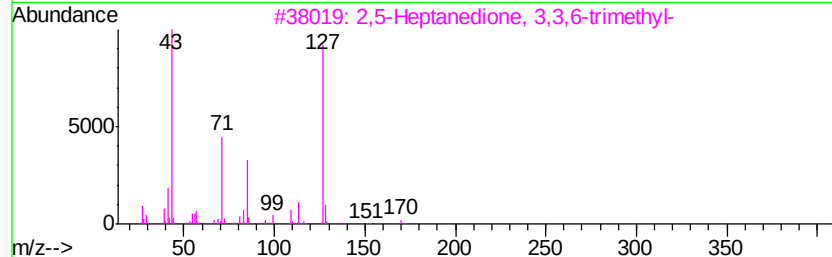
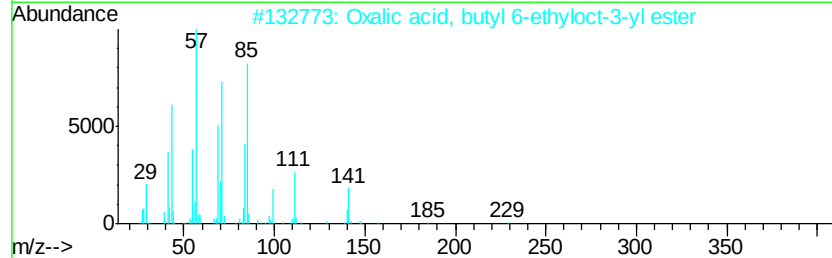
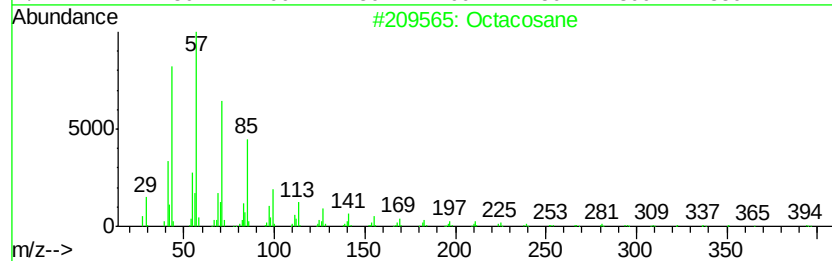
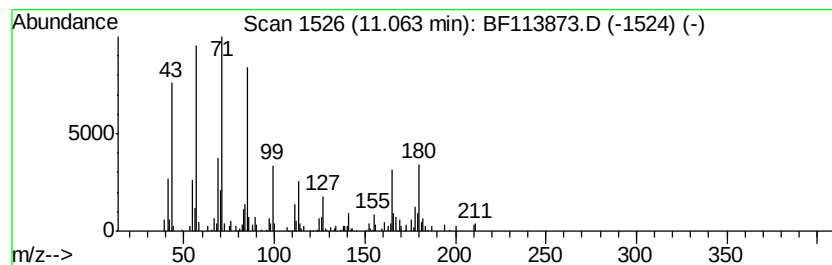
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.06	2.35 ng	147106	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	47
3	2,5-Heptanedione, 3,3,6-trimethyl-	170	C10H18O2	051513-40-7	47
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	27



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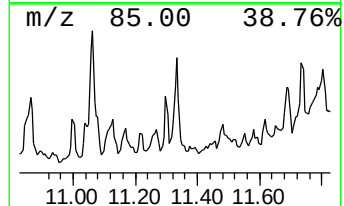
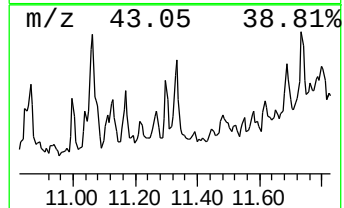
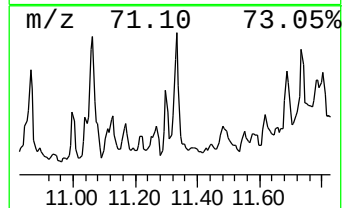
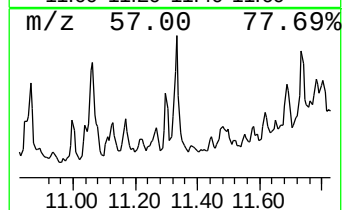
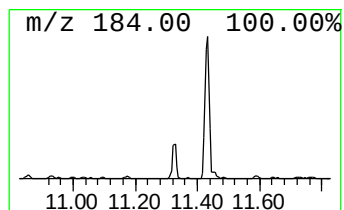
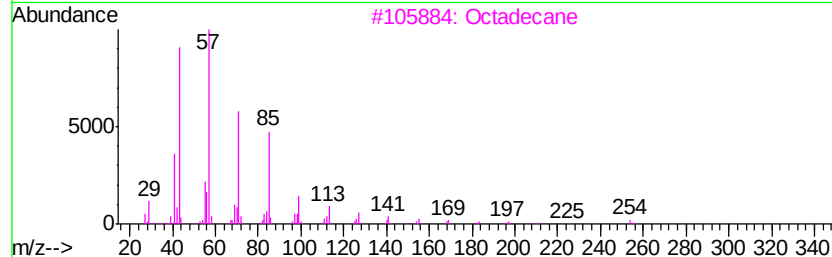
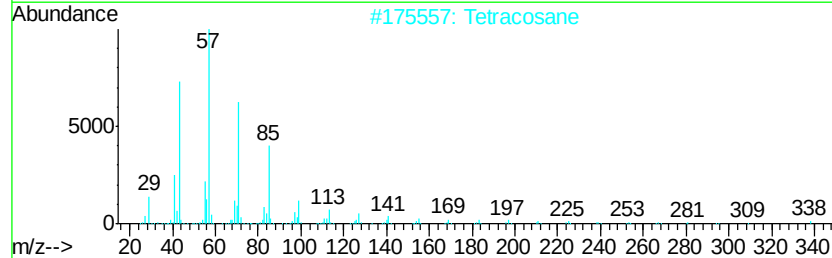
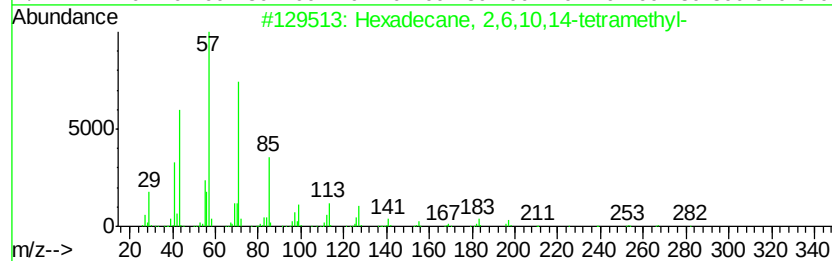
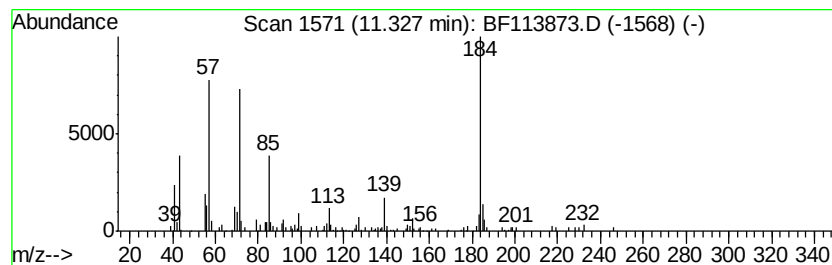
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.72 ng	170665	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2		Tetracosane	338	C24H50	000646-31-1	80
3		Octadecane	254	C18H38	000593-45-3	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Hexacosane	366	C26H54	000630-01-3	80



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30134-39

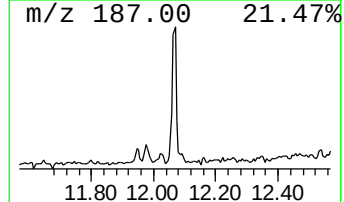
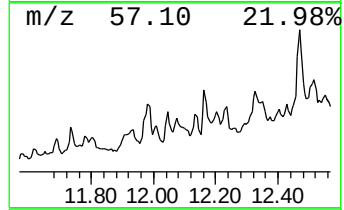
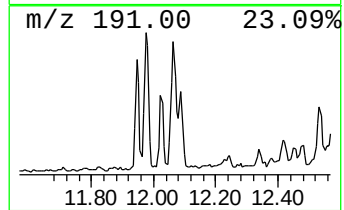
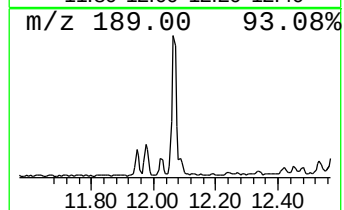
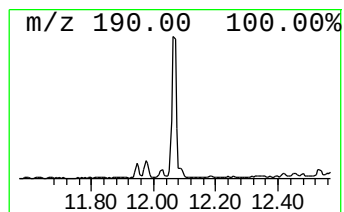
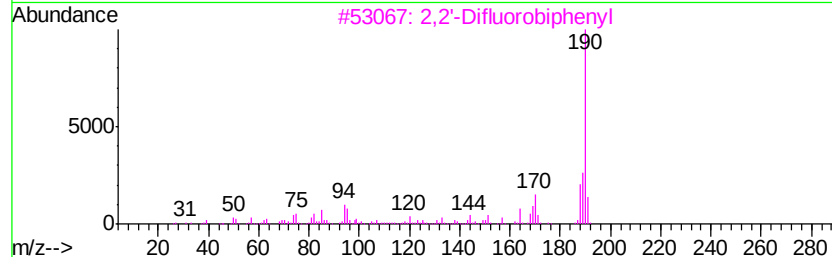
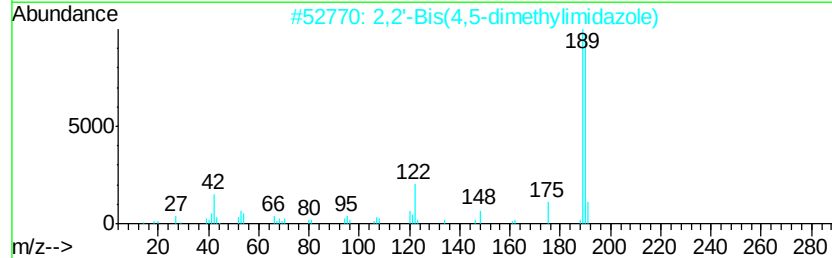
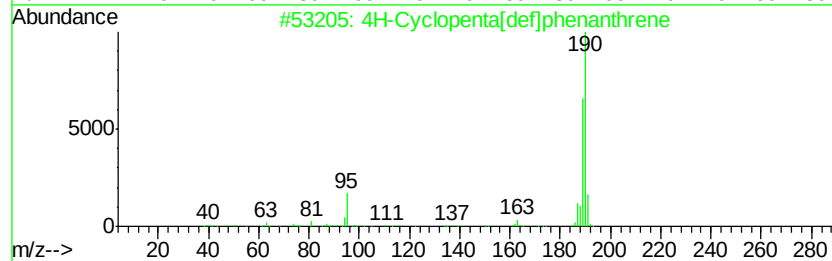
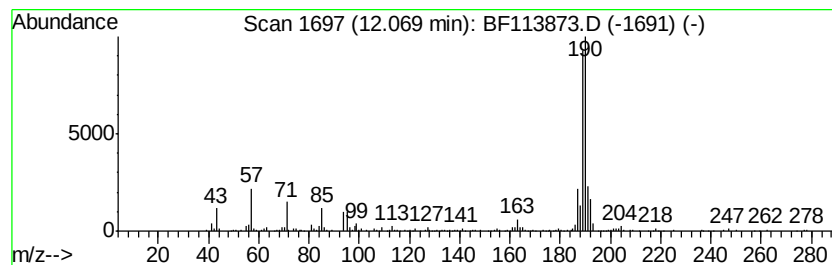
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	6.94 ng	435012	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	52
3		2,2'-Difluorobiphenyl	190	C12H8F2	000388-82-9	46
4		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	46
5		Thieno[3,2-b][1]benzothiophene	190	C10H6S2	000247-52-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113873.D
Acq On : 19 Apr 2019 21:40
Operator : JU/SJ
Sample : K2483-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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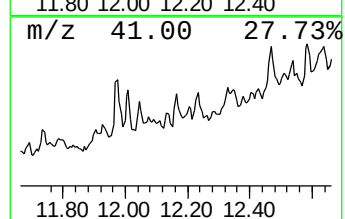
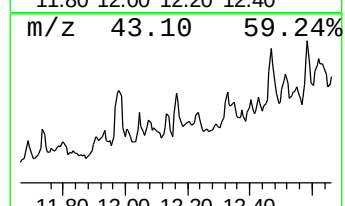
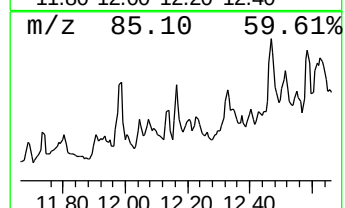
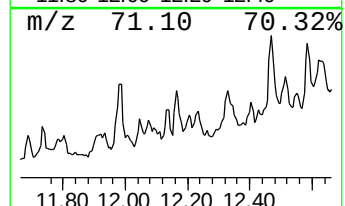
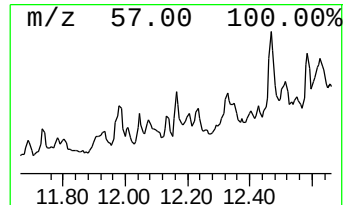
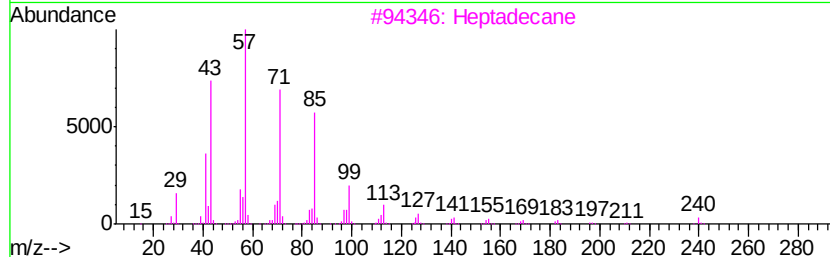
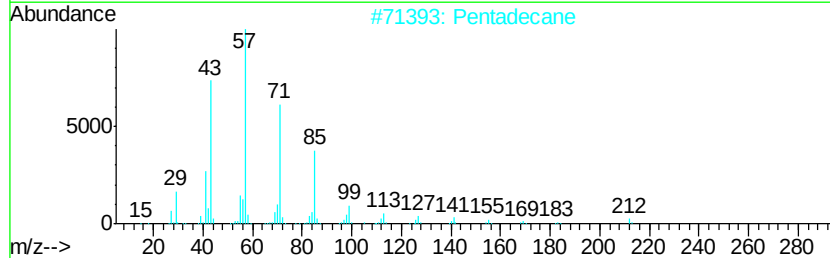
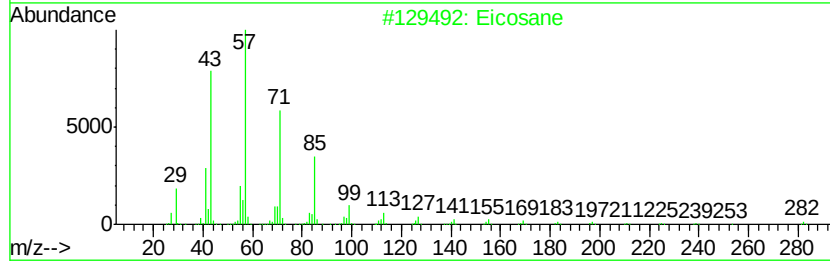
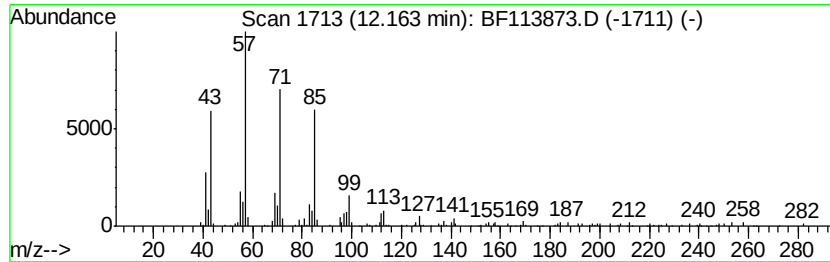
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.58 ng	161889	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113873.D
Acq On : 19 Apr 2019 21:40
Operator : JU/SJ
Sample : K2483-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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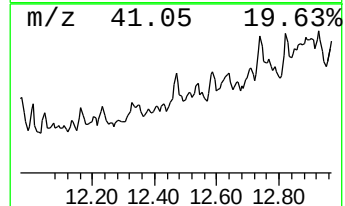
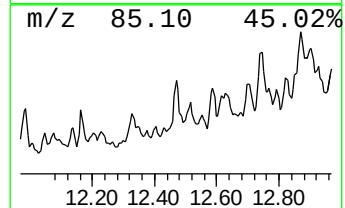
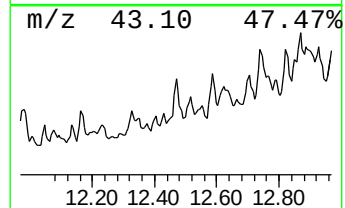
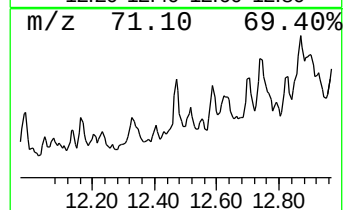
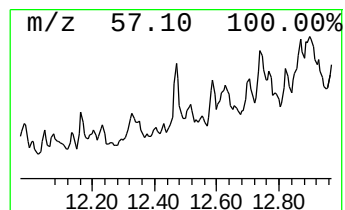
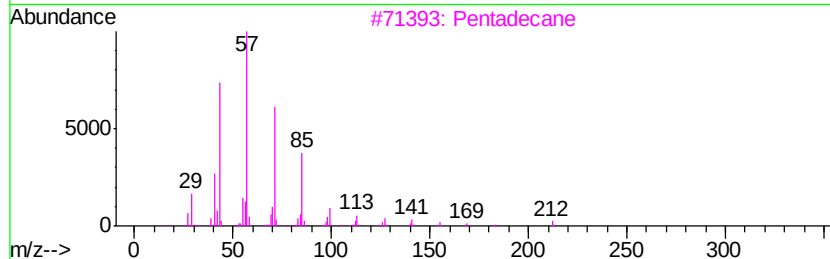
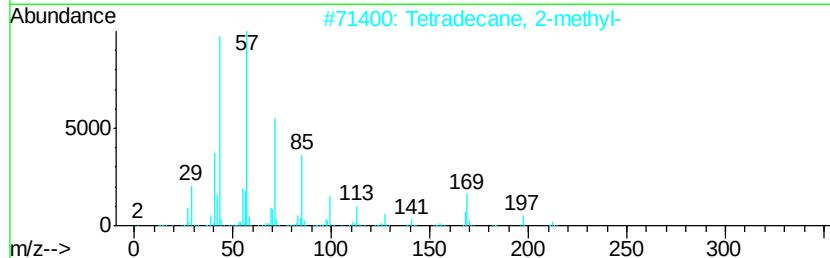
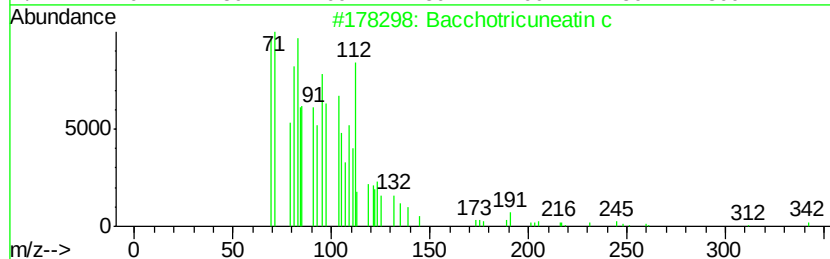
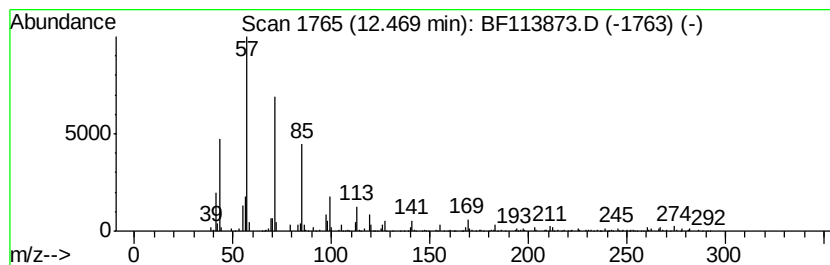
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.83 ng	177575	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113873.D
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Operator : JU/SJ
Sample : K2483-01 5X
Misc :
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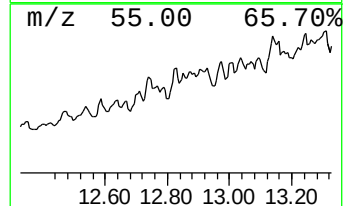
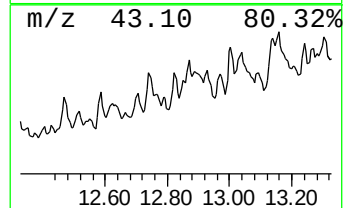
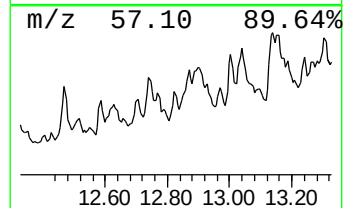
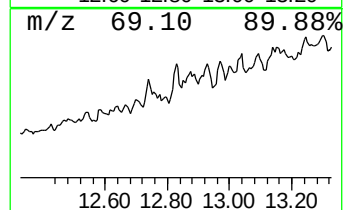
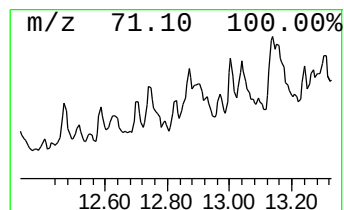
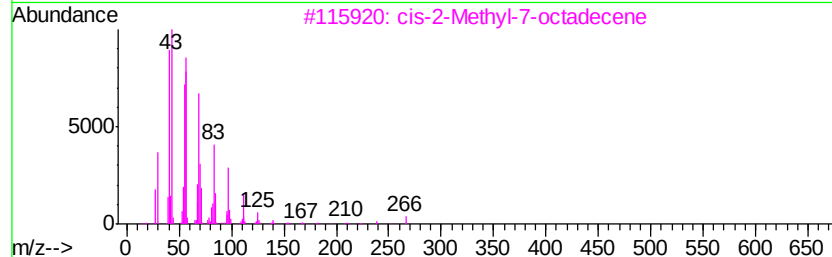
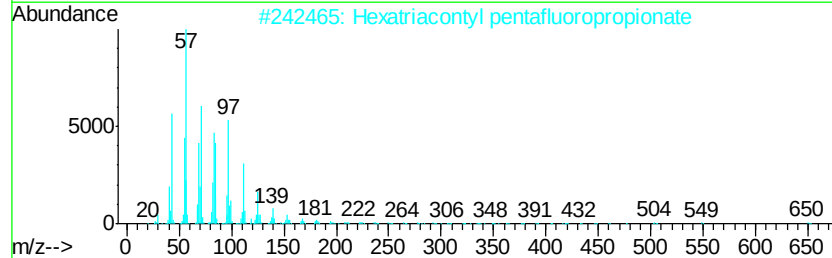
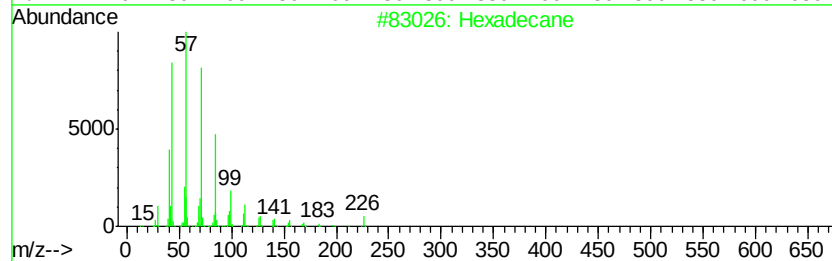
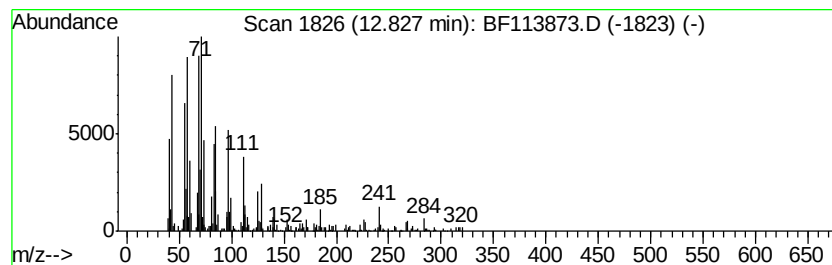
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.83	4.71 ng	295193	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	49
3	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	46
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	45
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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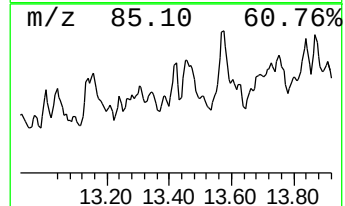
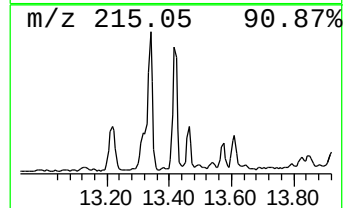
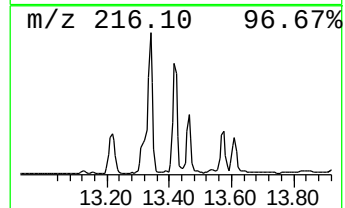
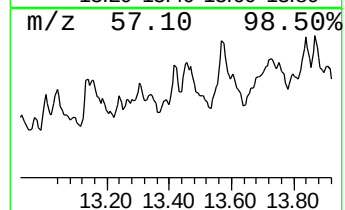
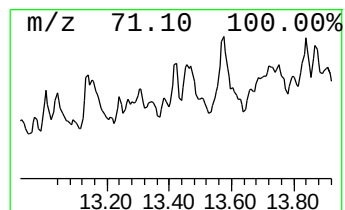
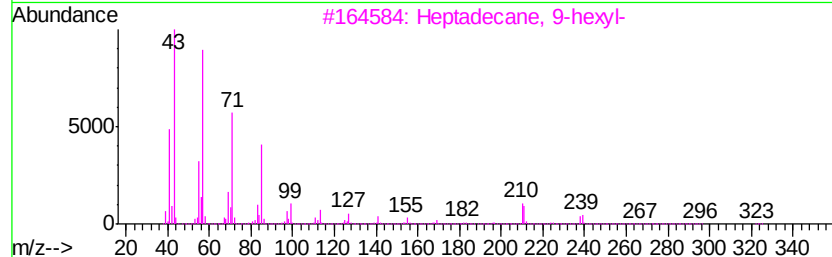
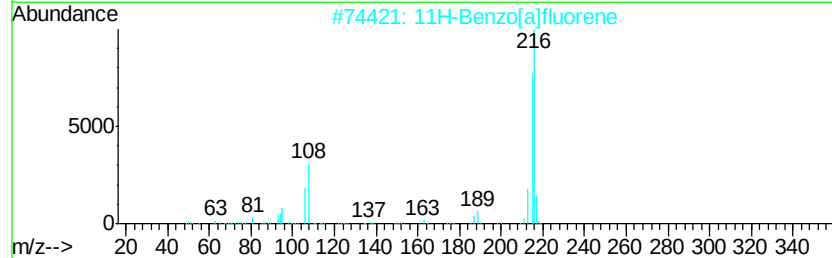
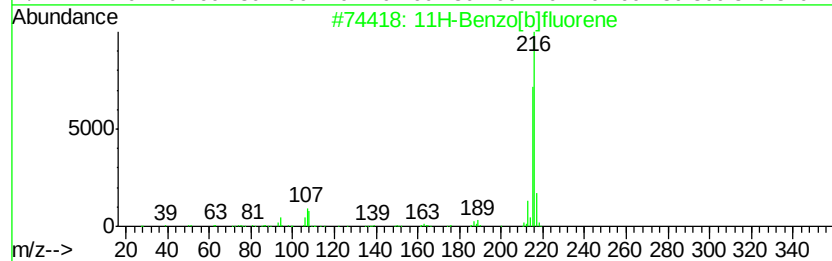
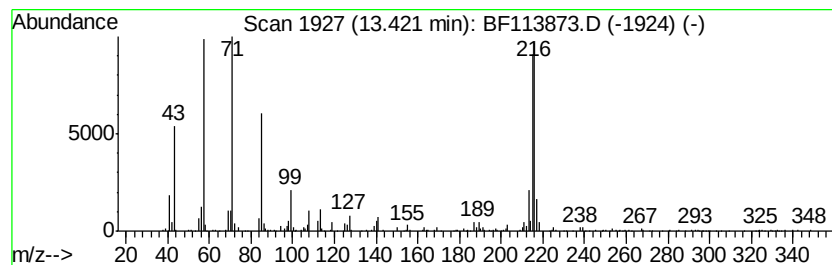
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.42	4.98 ng	376821	Chrysene-d12	14.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	42
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	42
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113873.D
Acq On : 19 Apr 2019 21:40
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Sample : K2483-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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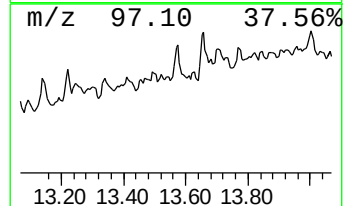
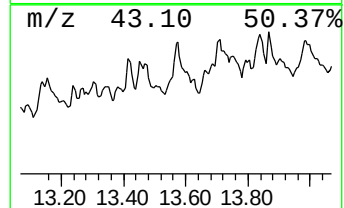
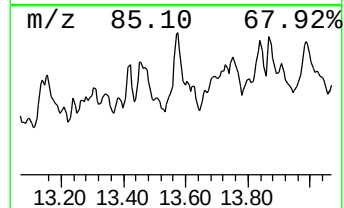
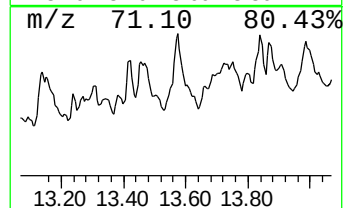
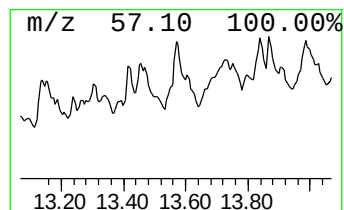
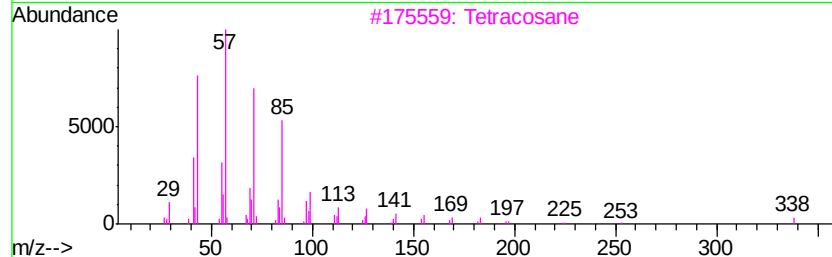
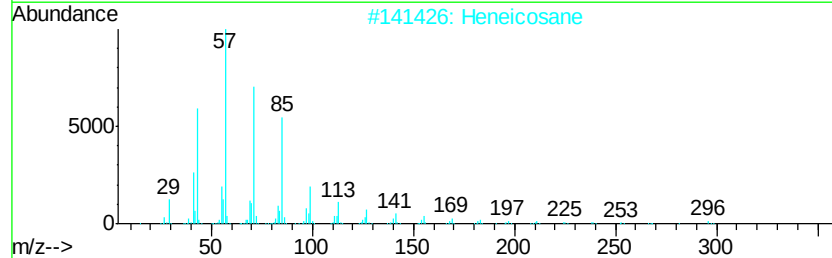
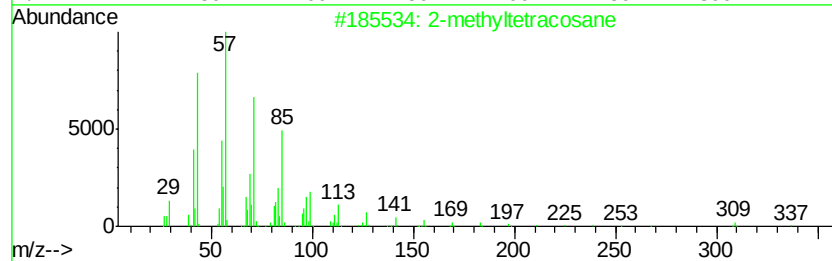
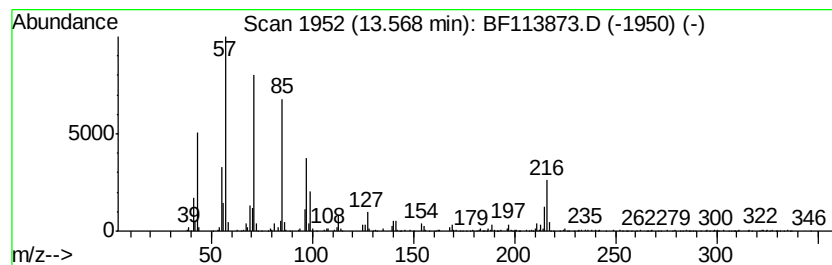
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyltetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	6.27 ng	475010	Chrysene-d12	14.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyltetracosane	352	C25H52	1000376-72-6	72
2		Heneicosane	296	C21H44	000629-94-7	68
3		Tetracosane	338	C24H50	000646-31-1	64
4		Nonadecane	268	C19H40	000629-92-5	58
5		5,5-Diethylheptadecane	296	C21H44	1000360-41-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113873.D
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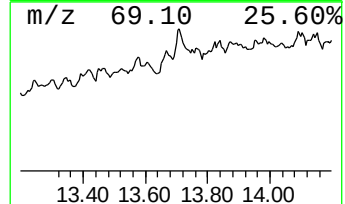
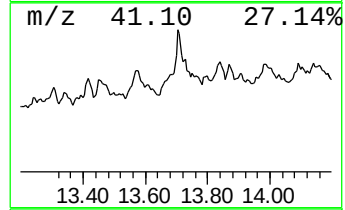
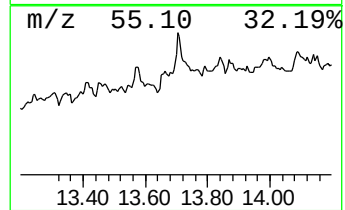
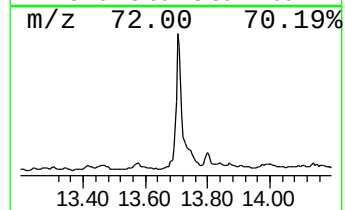
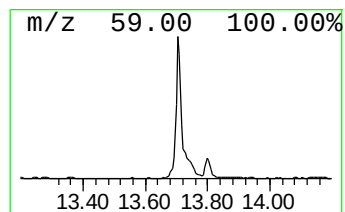
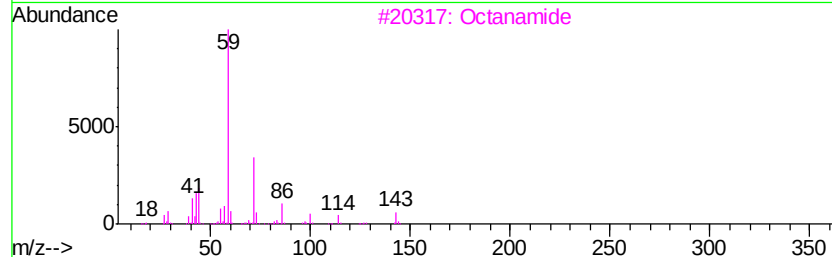
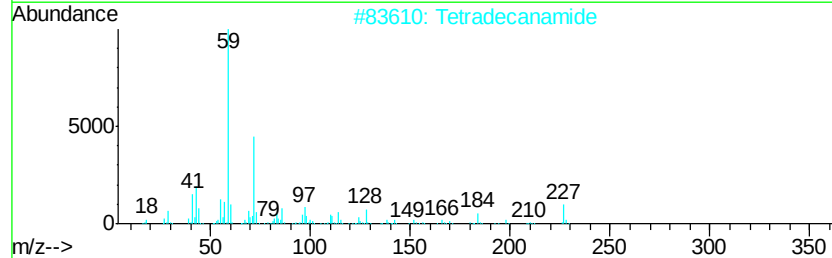
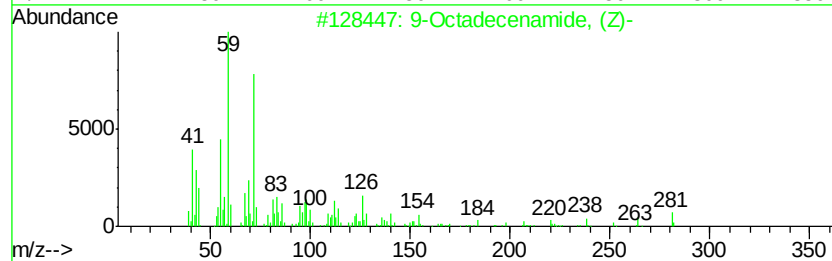
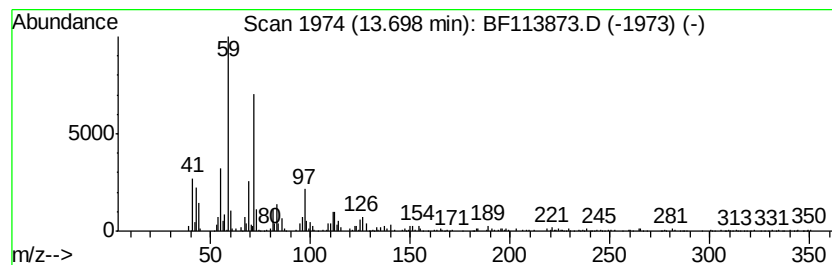
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	9.48 ng	717569	Chrysene-d12	14.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2		Tetradecanamide	227	C14H29NO	000638-58-4	53
3		Octanamide	143	C8H17NO	000629-01-6	43
4		Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	27
5		Bicyclo[3.2.1]heptane, 1-methoxy-	126	C8H14O	1000156-43-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113873.D
Acq On : 19 Apr 2019 21:40
Operator : JU/SJ
Sample : K2483-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

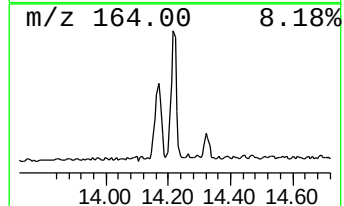
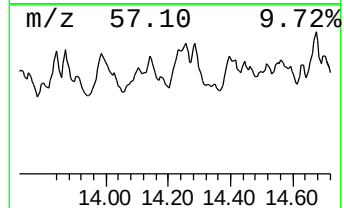
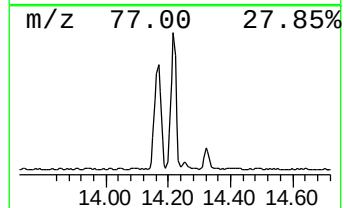
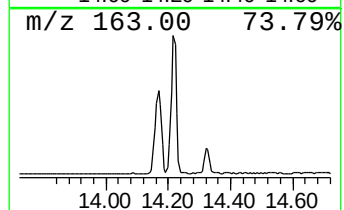
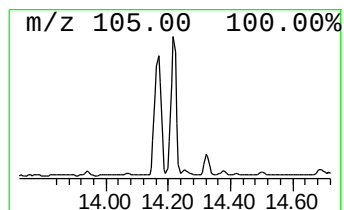
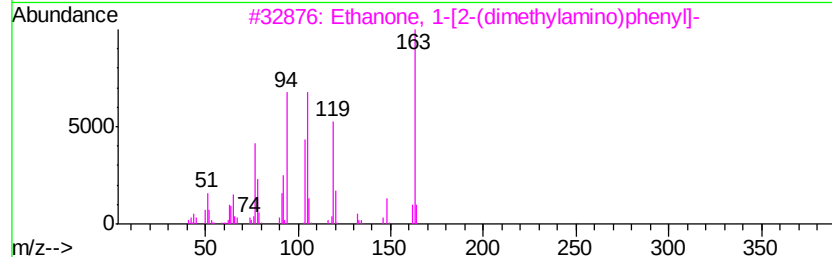
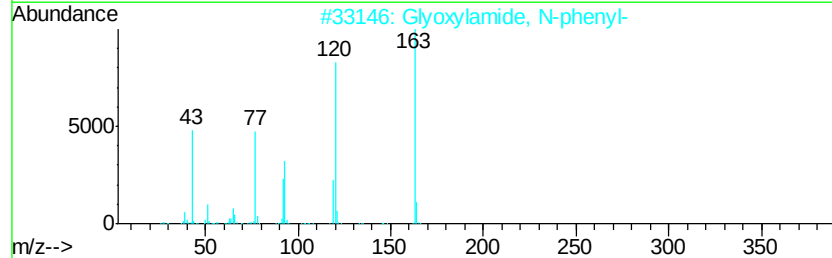
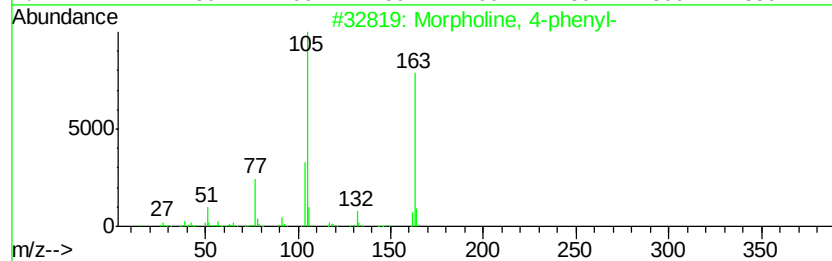
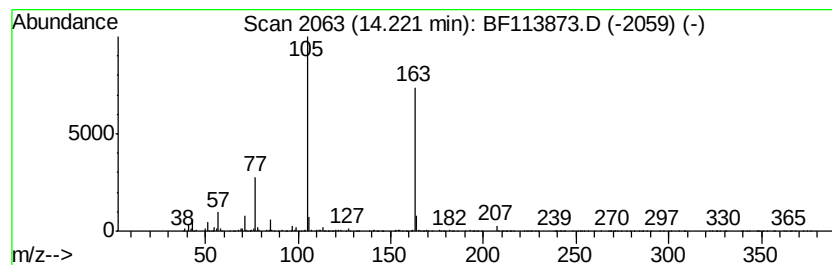
Instrument :
BNA_F
ClientSampleId :
30134-39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Morpholine, 4-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.22	20.00 ng	1513990	Chrysene-d12	14.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
2		Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
3		Ethanone, 1-[2-(dimethylamino)ph...	163	C10H13NO	010336-55-7	45
4		Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	42
5		Ethanol, 2,2,2-trichloro-, benzoate	252	C9H7Cl3O2	037934-99-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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 Acq On : 19 Apr 2019 21:40
 Operator : JU/SJ
 Sample : K2483-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30134-39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.67	6.67	20.2	ng	905590	1	6.90	897010	20.0
Tridecane	10.86	2.1	ng	134161	4	11.43	1253710	20.0
Octacosane	11.06	2.4	ng	147106	4	11.43	1253710	20.0
Hexadecane, 2,6,1...	11.33	2.7	ng	170665	4	11.43	1253710	20.0
4H-Cyclopenta[def...	12.07	6.9	ng	435012	4	11.43	1253710	20.0
Eicosane	12.16	2.6	ng	161889	4	11.43	1253710	20.0
Bacchotricuneatin c	12.47	2.8	ng	177575	4	11.43	1253710	20.0
Hexadecane	12.83	4.7	ng	295193	4	11.43	1253710	20.0
11H-Benzo[b]fluorene	13.42	5.0	ng	376821	5	14.41	1513990	20.0
2-methyltetracosane	13.57	6.3	ng	475010	5	14.41	1513990	20.0
9-Octadecenamide,...	13.70	9.5	ng	717569	5	14.41	1513990	20.0
Morpholine, 4-phe...	14.22	20.0	ng	1513990	5	14.41	1513990	20.0