

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107539.D
 Acq On : 20 Jul 2018 22:18
 Operator : JU/SJ
 Sample : J4057-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-3

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-BF072018.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	5.207	484	488	498	rBV	745058	935339	15.99%	1.368%
2	5.601	551	555	575	rBV	3889251	5532500	94.59%	8.091%
3	6.601	721	725	745	rBV	4195056	5849224	100.00%	8.554%
4	6.743	745	749	769	rVB	5116504	5730945	97.98%	8.381%
5	6.972	784	788	806	rVV	1779796	1953239	33.39%	2.856%
6	7.125	810	814	841	rVB	3814822	4425760	75.66%	6.472%
7	7.537	879	884	902	rBV	3182801	3640226	62.23%	5.323%
8	8.254	1002	1006	1025	rBV	2459466	2683891	45.88%	3.925%
9	9.331	1184	1189	1198	rBV	5738108	5818706	99.48%	8.509%
10	9.401	1198	1201	1205	rVB3	68779	79653	1.36%	0.116%
11	9.719	1251	1255	1261	rBV	354296	376126	6.43%	0.550%
12	9.872	1278	1281	1283	rBV2	106970	96246	1.65%	0.141%
13	9.919	1286	1289	1293	rVB2	143235	137852	2.36%	0.202%
14	10.013	1299	1305	1309	rBV	2731235	2629819	44.96%	3.846%
15	10.331	1355	1359	1360	rBV2	61886	75056	1.28%	0.110%
16	10.419	1371	1374	1377	rVB2	137267	138108	2.36%	0.202%
17	10.807	1436	1440	1449	rBV	3839080	3855830	65.92%	5.639%
18	10.913	1456	1458	1462	rVB	138674	113005	1.93%	0.165%
19	11.054	1480	1482	1484	rBV2	102822	86876	1.49%	0.127%
20	11.260	1514	1517	1521	rBV2	124703	156120	2.67%	0.228%
21	11.436	1544	1547	1554	rVB	358513	311700	5.33%	0.456%
22	11.507	1554	1559	1567	rBV	2647512	2983740	51.01%	4.363%
23	11.589	1570	1573	1577	rBV2	188209	202962	3.47%	0.297%
24	11.701	1590	1592	1595	rBV	268750	229984	3.93%	0.336%
25	11.878	1619	1622	1624	rBV	616704	489614	8.37%	0.716%
26	11.907	1624	1627	1628	rVV	402365	324916	5.55%	0.475%
27	11.948	1632	1634	1637	rBV	420007	363421	6.21%	0.531%
28	12.019	1642	1646	1653	rBV2	1048568	1197381	20.47%	1.751%
29	12.130	1662	1665	1667	rBV	681728	552496	9.45%	0.808%
30	12.295	1690	1693	1697	rBV	1434871	1255310	21.46%	1.836%
31	12.725	1763	1766	1772	rBV	336887	325234	5.56%	0.476%
32	12.801	1777	1779	1783	rBV4	170962	209801	3.59%	0.307%
33	12.954	1803	1805	1813	rVB	342603	362286	6.19%	0.530%
34	13.095	1825	1829	1832	rBV	4342493	4079977	69.75%	5.966%

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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

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Peak separation: 5

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35	13.772	1941	1944	1946	rBV2	244856	249864	4.27%	0.365%
36	13.971	1975	1978	1988	rVB2	698100	932050	15.93%	1.363%
37	14.154	2005	2009	2012	rBV	1940425	1977447	33.81%	2.892%
38	14.301	2031	2034	2039	rVB3	355049	473535	8.10%	0.692%
39	14.354	2040	2043	2046	rBV3	323708	420810	7.19%	0.615%
40	14.419	2052	2054	2056	rBV	474055	404480	6.92%	0.592%
41	14.477	2062	2064	2068	rVB2	339148	355103	6.07%	0.519%
42	14.542	2070	2075	2078	rVV4	293121	572231	9.78%	0.837%
43	14.601	2082	2085	2090	rVV3	456488	608213	10.40%	0.889%
44	14.654	2091	2094	2102	rVB3	401861	612331	10.47%	0.895%
45	14.842	2124	2126	2131	rVB2	303053	341196	5.83%	0.499%
46	14.977	2146	2149	2151	rBV2	235648	268262	4.59%	0.392%
47	15.001	2151	2153	2157	rVB	404081	398047	6.81%	0.582%
48	15.277	2198	2200	2204	rVB	213802	202582	3.46%	0.296%
49	15.689	2265	2270	2278	rVB	1681854	2197633	37.57%	3.214%
50	16.148	2345	2348	2353	rVB2	196549	282292	4.83%	0.413%
51	16.889	2471	2474	2481	rVB2	219928	396683	6.78%	0.580%
52	17.959	2652	2656	2668	rVB10	191774	485677	8.30%	0.710%

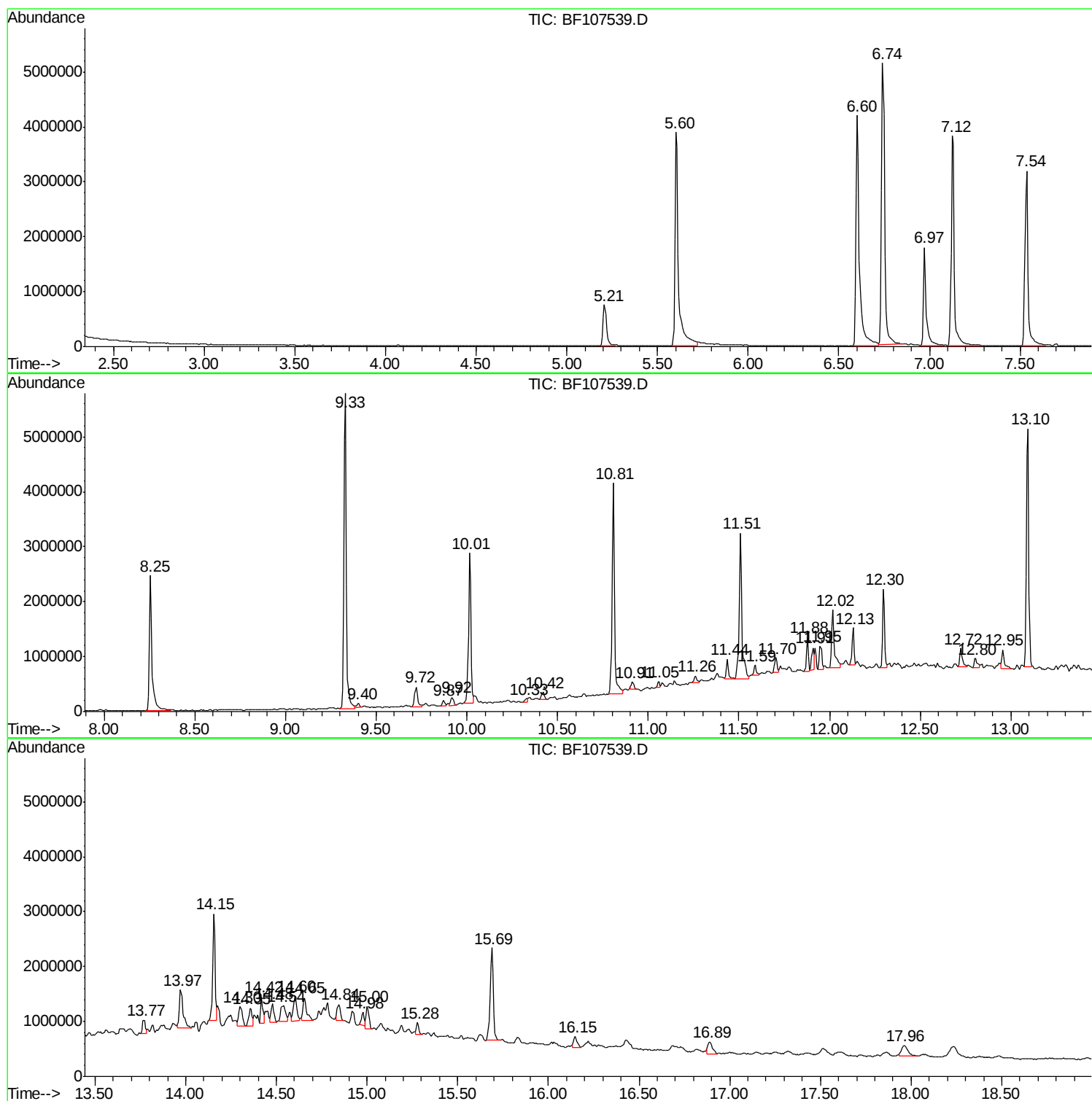
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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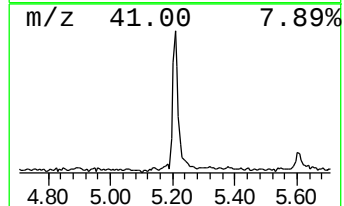
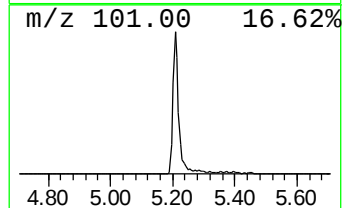
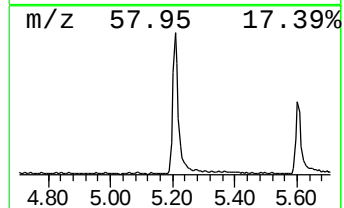
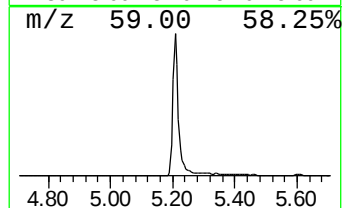
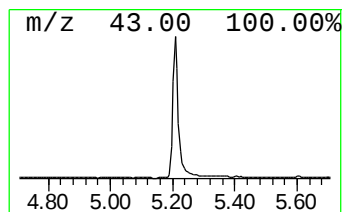
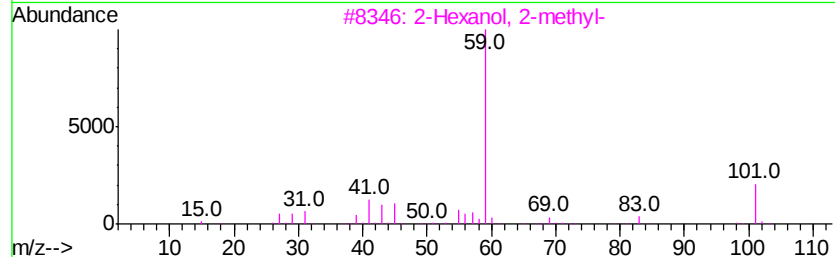
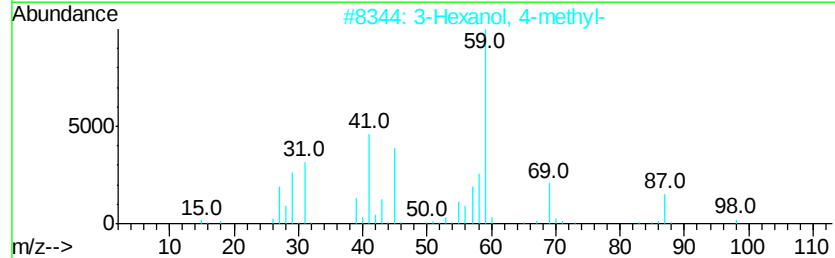
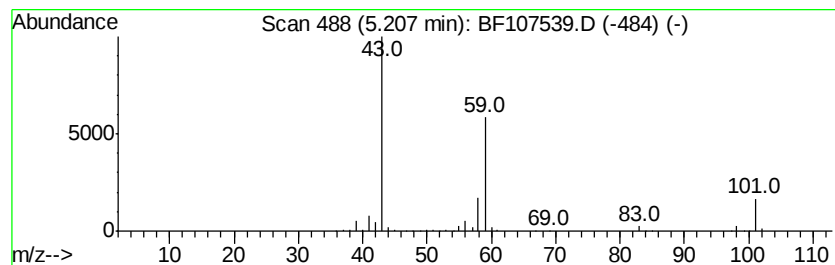
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	9.58 ng	935339	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Guanidine	59	CH5N3	000113-00-8	9



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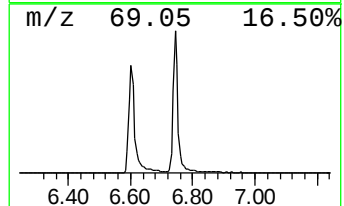
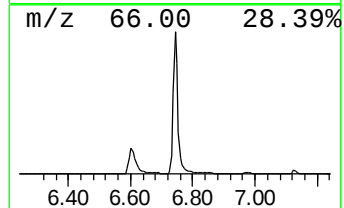
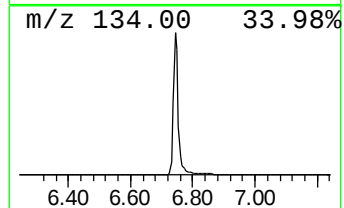
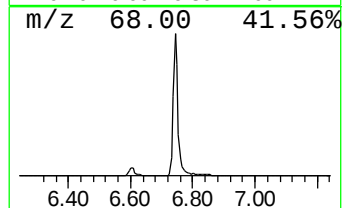
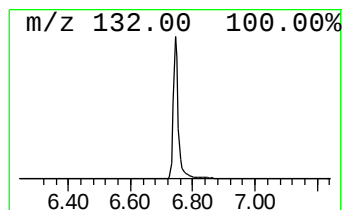
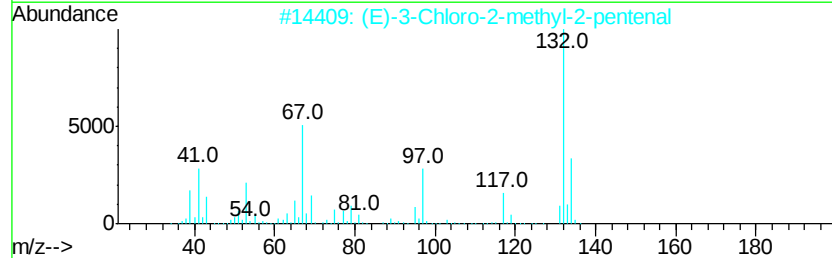
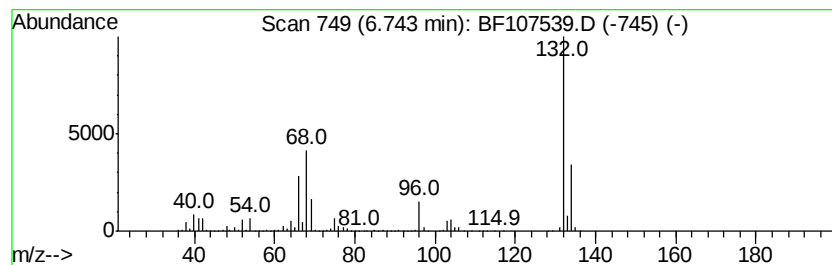
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	58.68 ng	5730950	1,4-Dichlorobenzene-d4	6.97

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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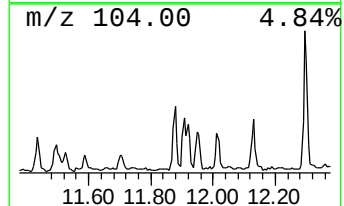
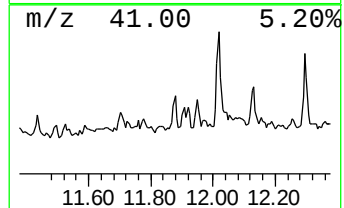
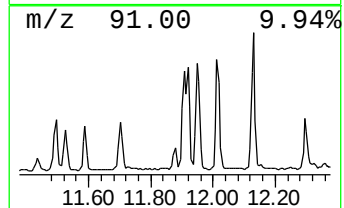
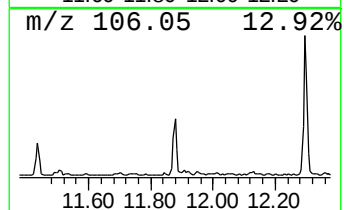
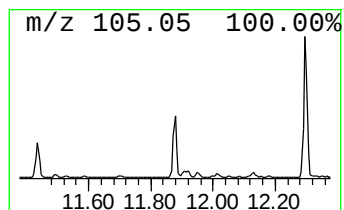
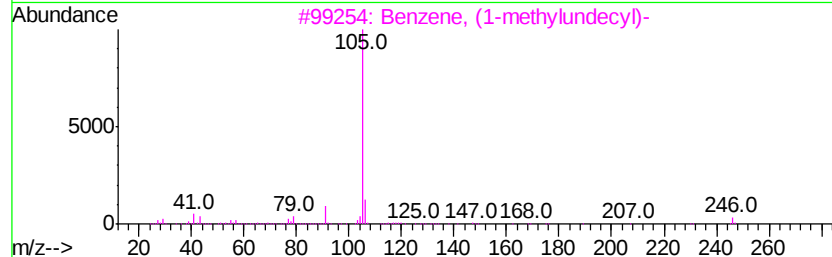
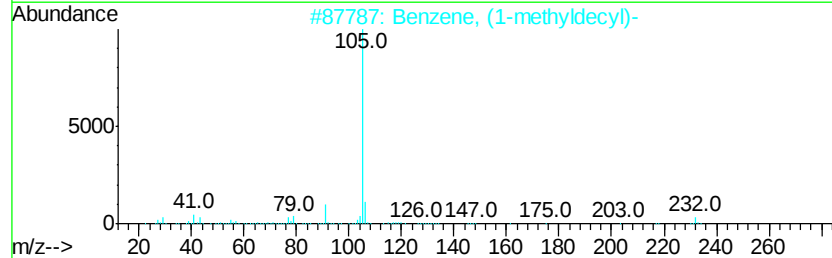
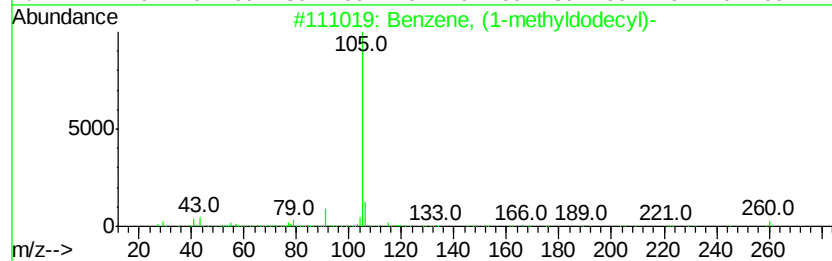
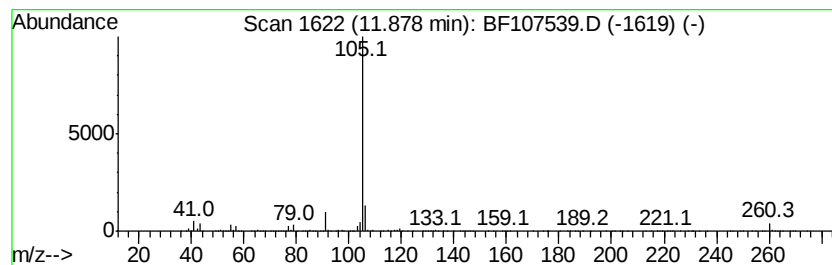
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methyldodecyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.28 ng	489614	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	87
2		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
3		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
4		Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
5		Hexane, 2-phenyl-3-propyl-	204	C15H24	1000161-01-5	38



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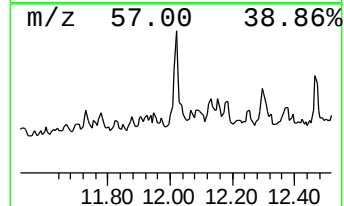
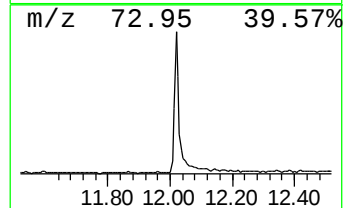
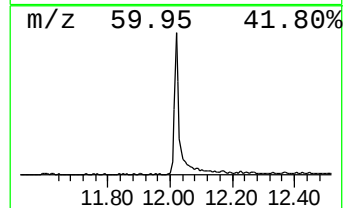
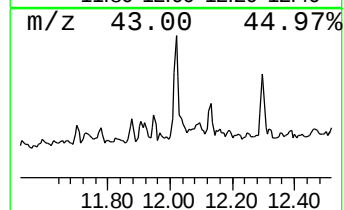
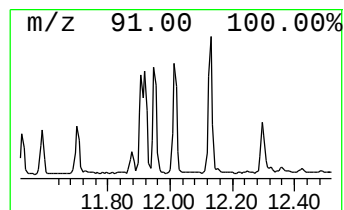
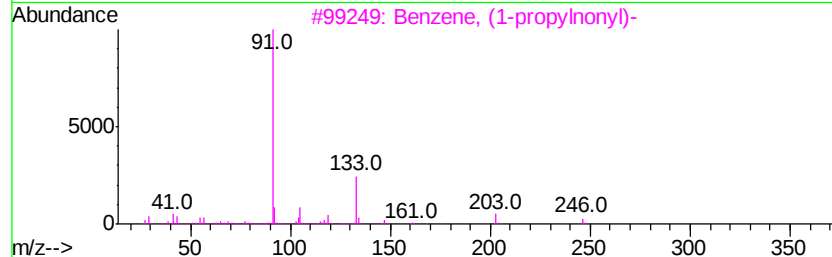
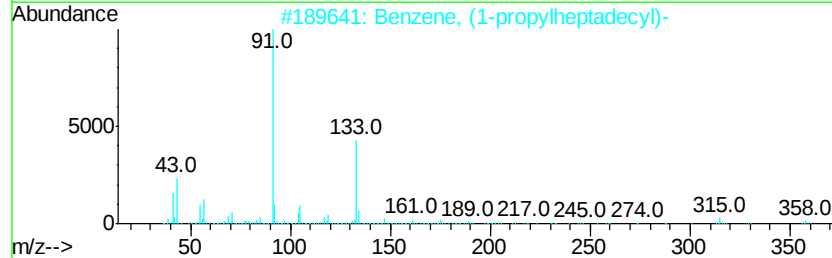
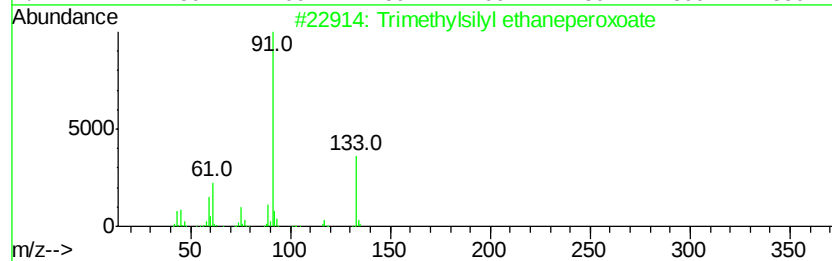
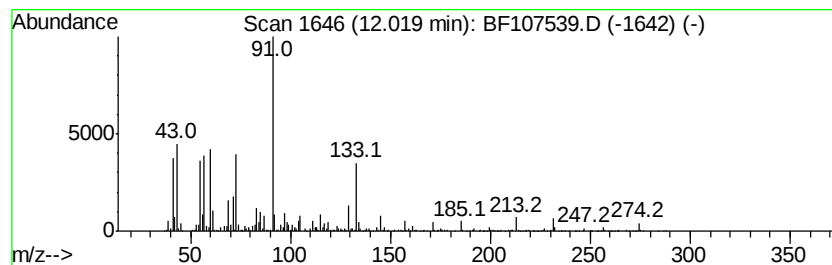
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.03 ng	1197380	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trimethylsilyl ethaneperoxoate	148	C5H12O3Si	1000368-51-7	22
2		Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	18
3		Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	14
4		Silane, [[4-(benzyloxy)cyclohexy...	278	C16H26O2Si	031447-55-9	12
5		Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	10



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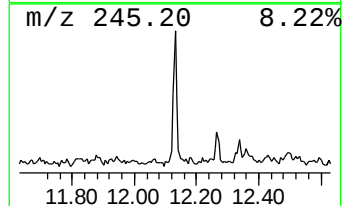
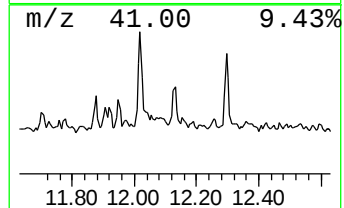
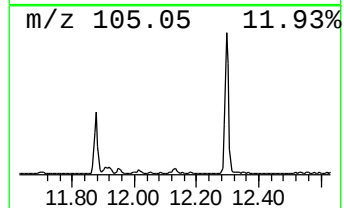
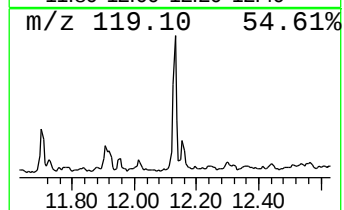
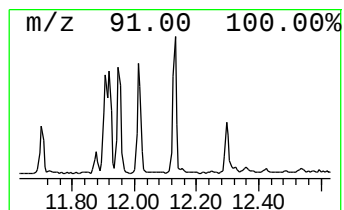
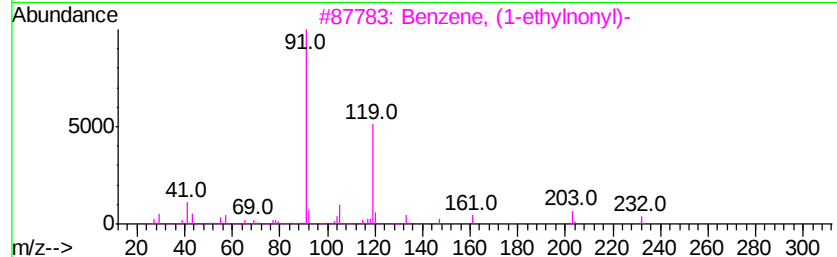
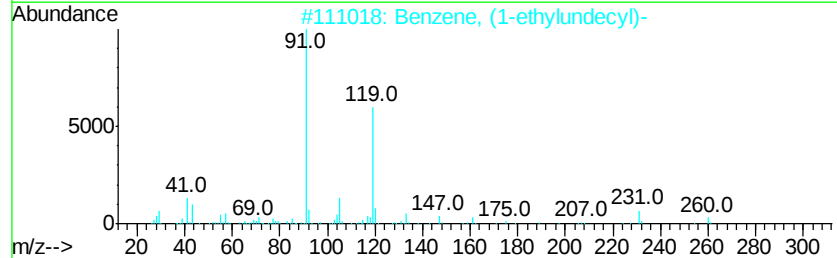
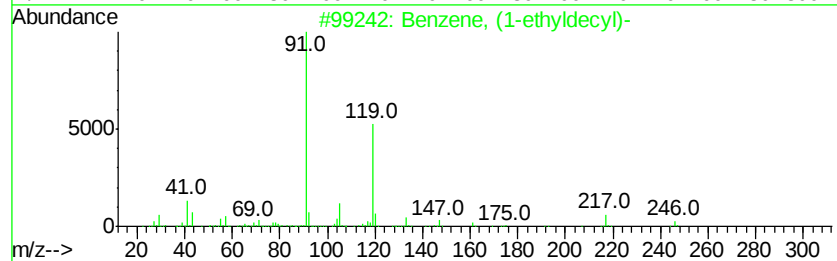
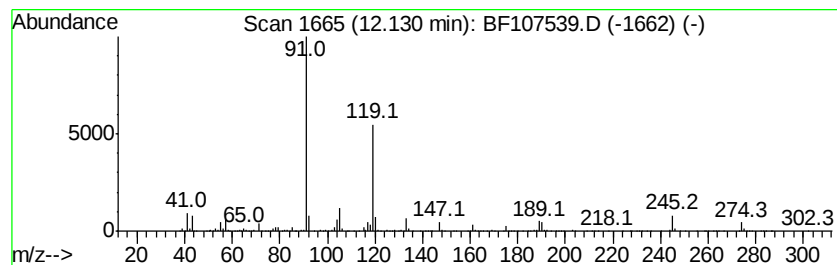
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1-ethyldecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.70 ng	552496	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	58
2		Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	58
3		Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	58
4		Benzamide, N-(3-chlorophenyl)-2-...	245	C14H12ClNO	1000307-00-4	53
5		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
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Sample : J4057-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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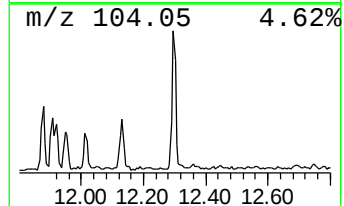
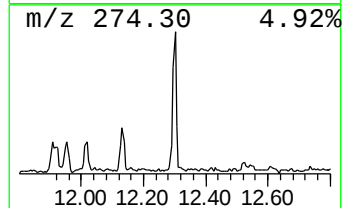
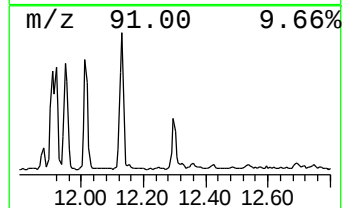
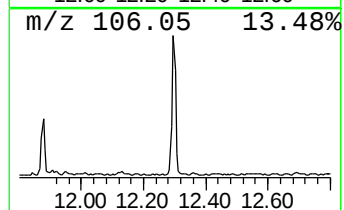
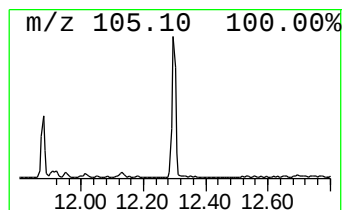
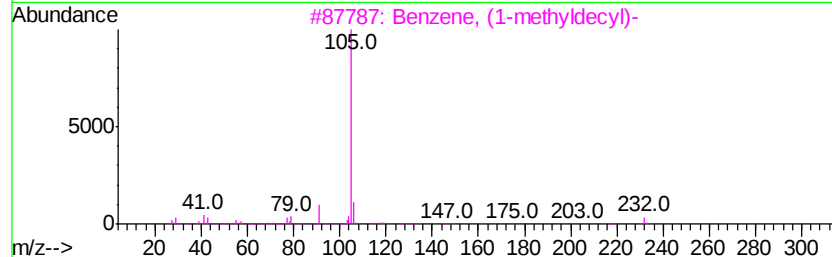
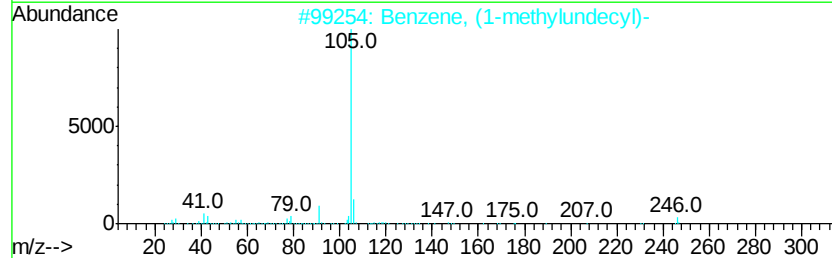
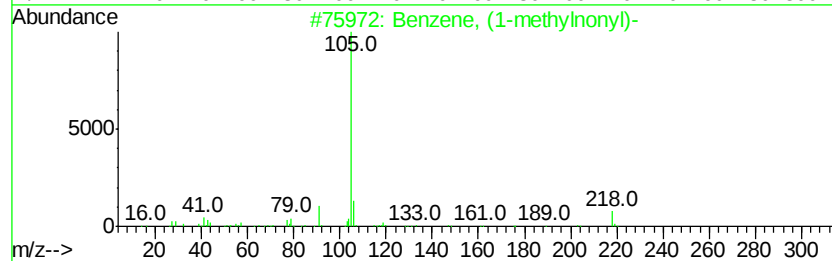
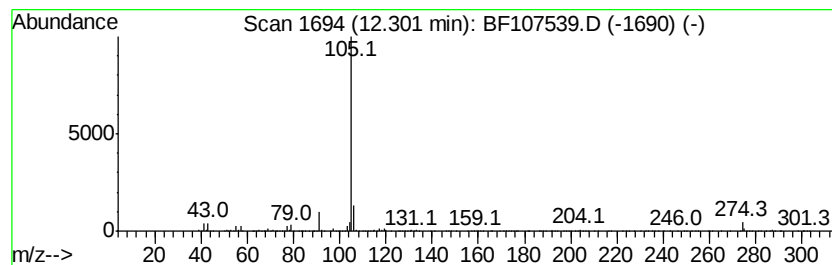
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (1-methylnonyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	8.41 ng	1255310	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
2		Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
3		Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
4		Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
5		Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	39



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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ClientSampleId :
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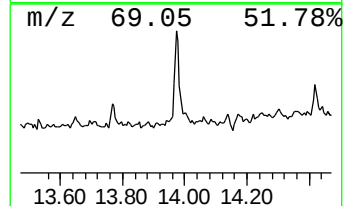
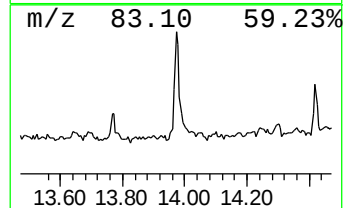
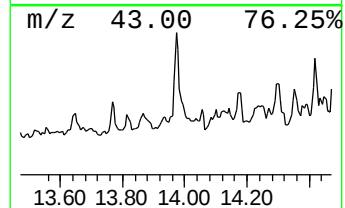
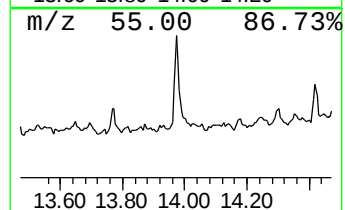
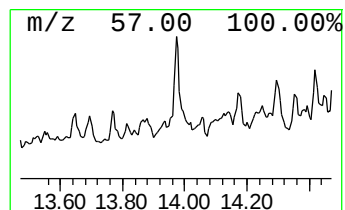
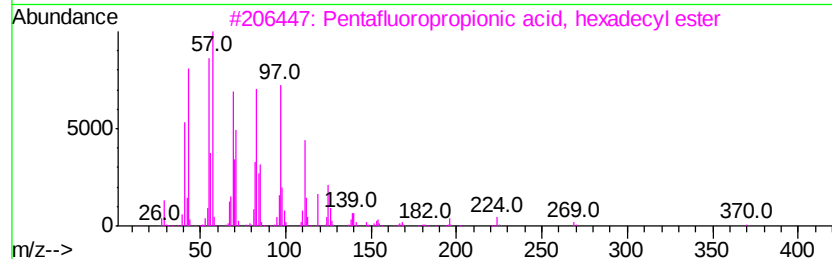
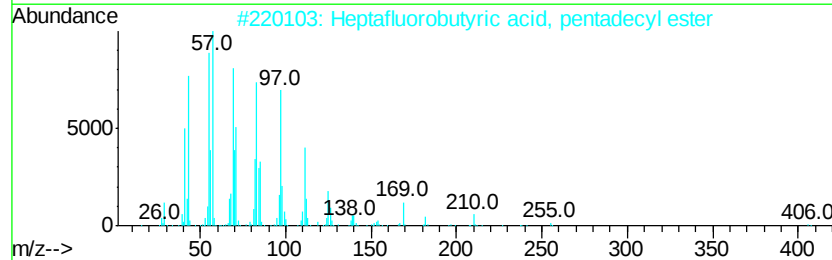
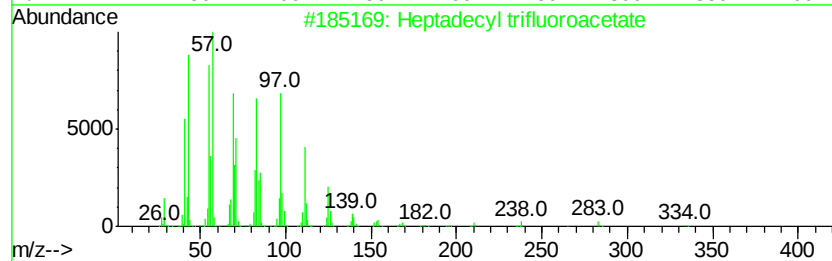
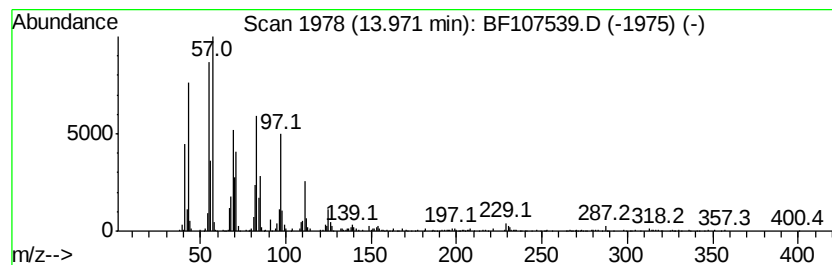
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	9.43 ng	932050	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	91
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	91
5		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91



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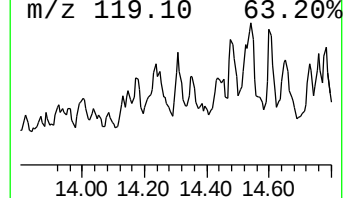
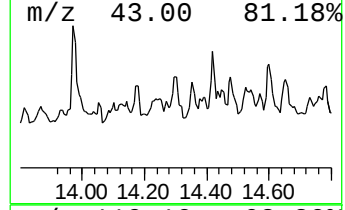
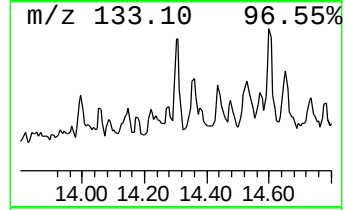
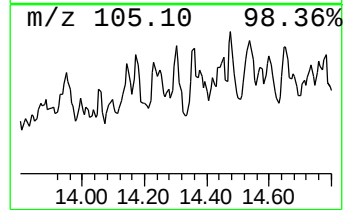
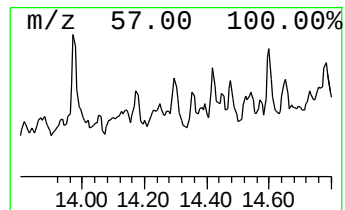
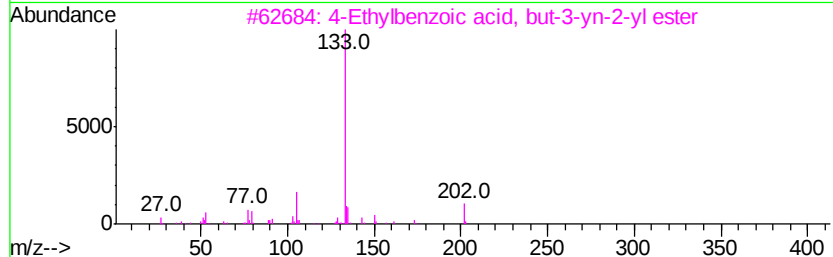
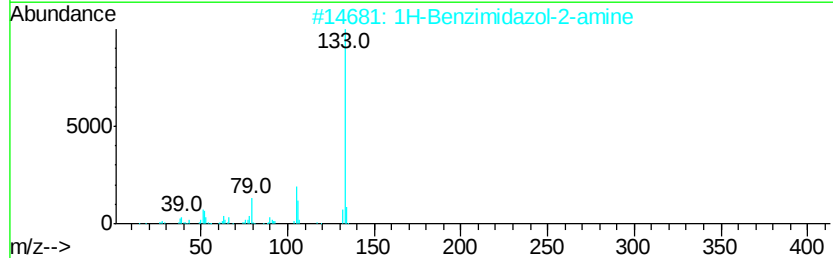
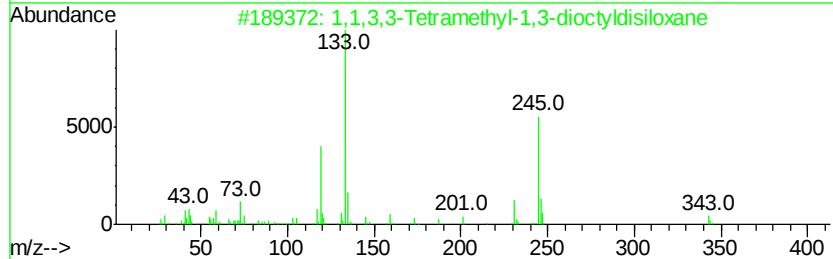
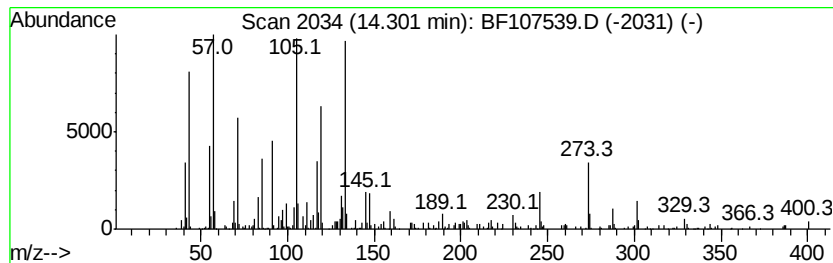
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.30 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	4.79 ng	473535	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,3,3-Tetramethyl-1,3-dioctylid...	358	C20H46OSi2	018642-94-9	35
2		1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	18
3		4-Ethylbenzoic acid, but-3-yn-2-...	202	C13H14O2	1000292-54-0	18
4		Dimethylmalonic acid, 2-methylpe...	468	C29H56O4	1000361-80-3	16
5		(4-Benzooxazol-2-yl)piperazin-1-y...	301	C16H19N3O3	1000316-83-9	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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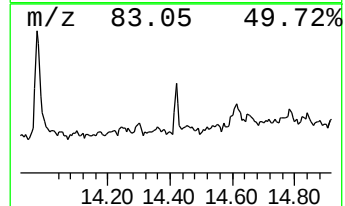
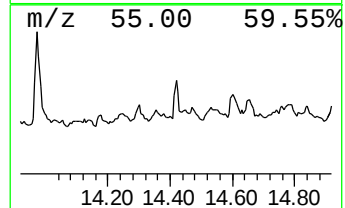
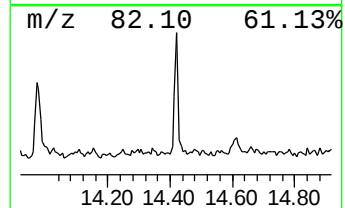
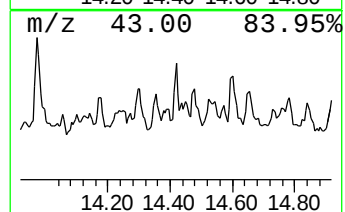
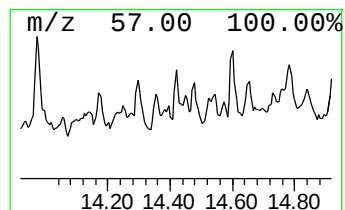
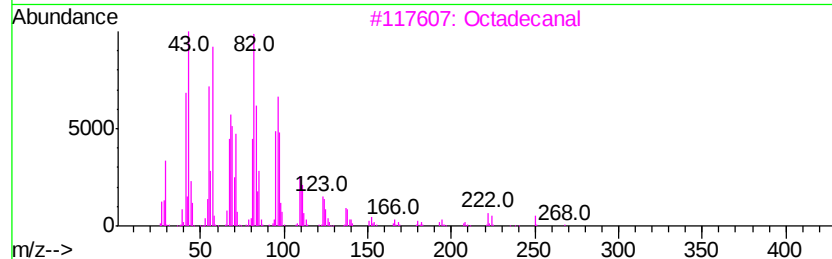
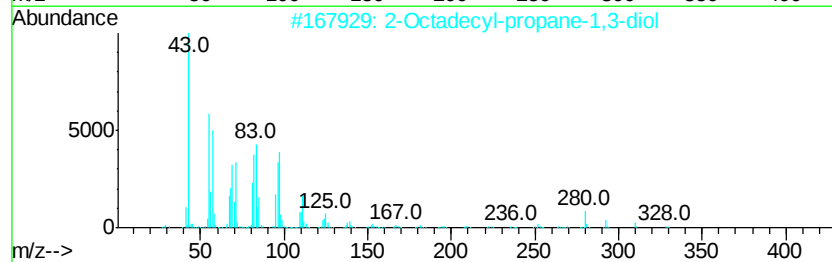
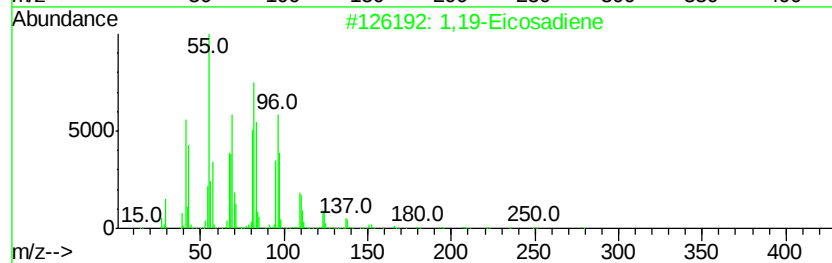
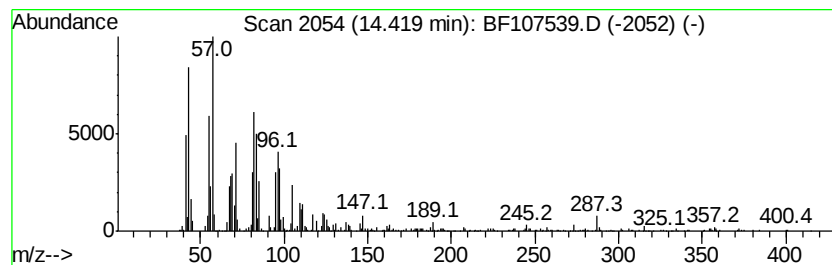
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,19-Eicosadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.42	4.09 ng	404480	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	92
2	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	83
3	Octadecanal	268	C18H36O	000638-66-4	74
4	1,13-Tetradecadiene	194	C14H26	021964-49-8	70
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	70



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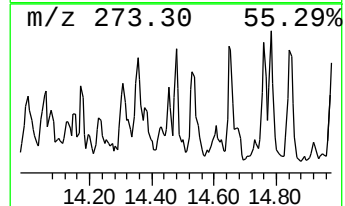
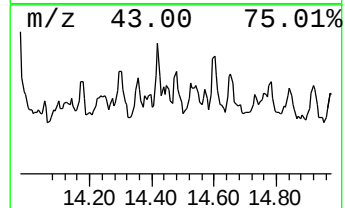
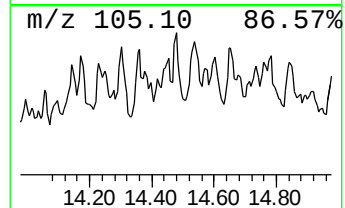
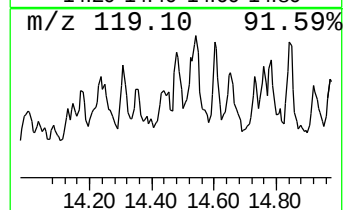
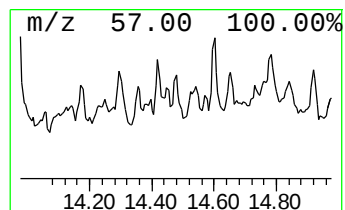
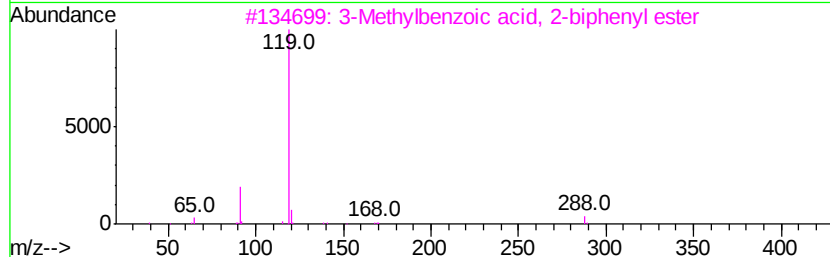
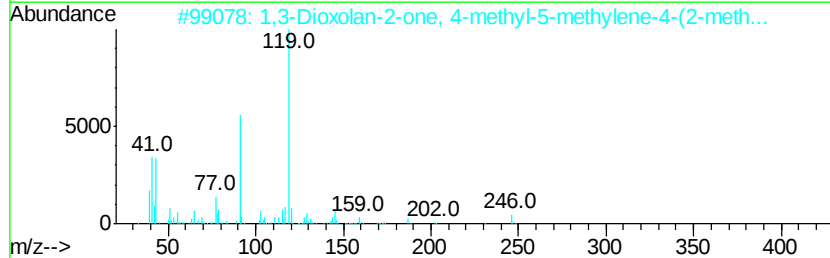
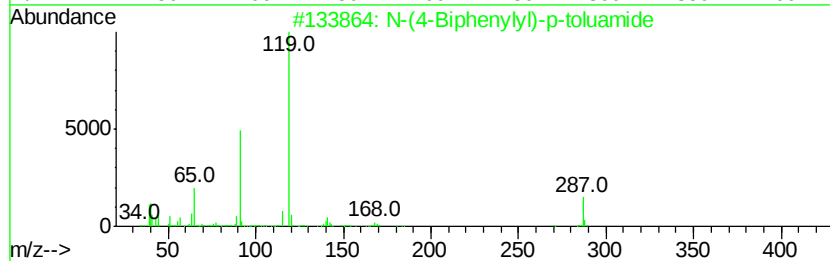
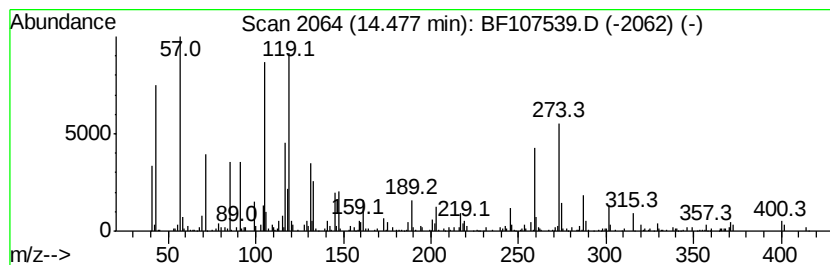
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.48 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.59 ng	355103	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(4-Biphenyl)-p-toluamide	287	C20H17NO	313251-13-7	18
2			1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	18
3			3-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-27-0	14
4			Propane, 2-cyclohexyl-2-phenyl-	202	C15H22	025683-97-0	14
5			3-Heptyne, 2,2,6-trimethyl-5-chl...	248	C16H21Cl	1000258-86-8	14



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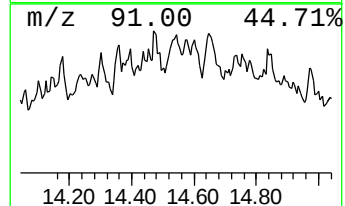
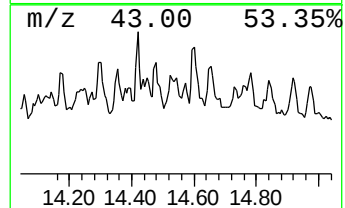
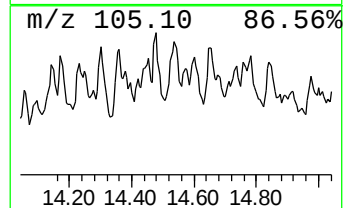
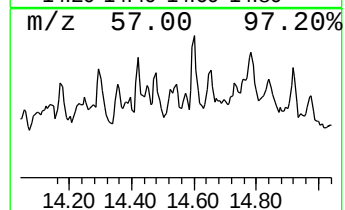
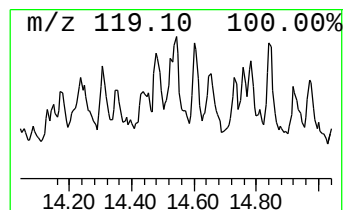
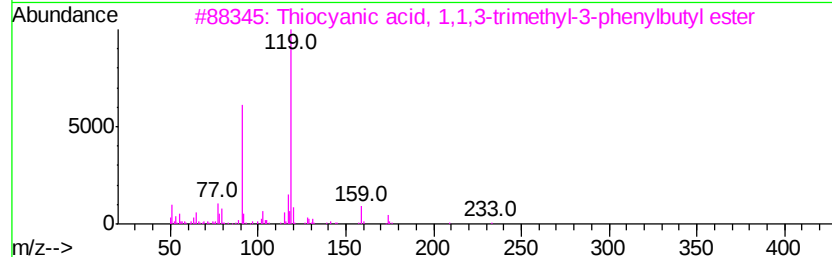
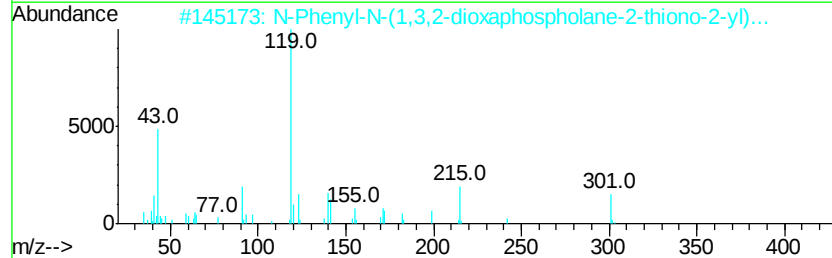
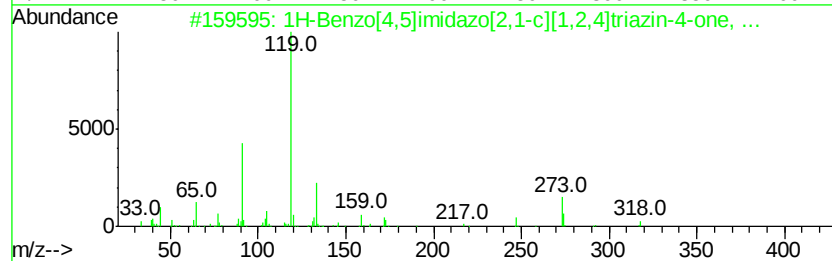
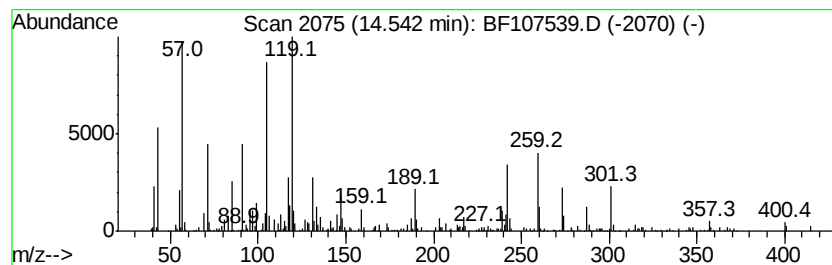
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown14.54 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.79 ng	572231	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzo[4,5]imidazo[2,1-c][1,2,...	318	C18H14N4O2	1000310-15-4	25
2		N-Phenyl-N-(1,3,2-dioxaphospha...	301	C12H16N04PS	1000140-88-0	22
3		Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	22
4		Tolcapone	273	C14H11NO5	134308-13-7	22
5		3-Toluoylacetonitrile	159	C10H9NO	053882-81-8	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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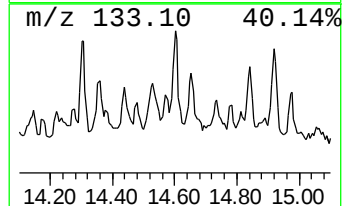
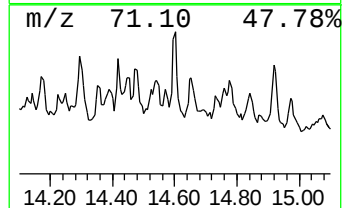
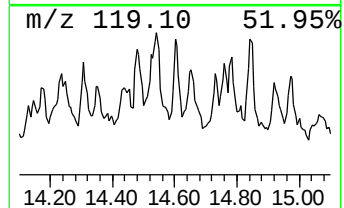
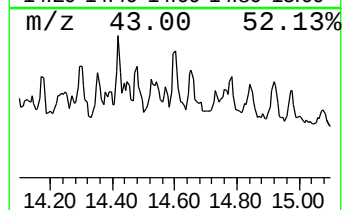
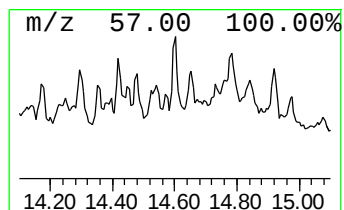
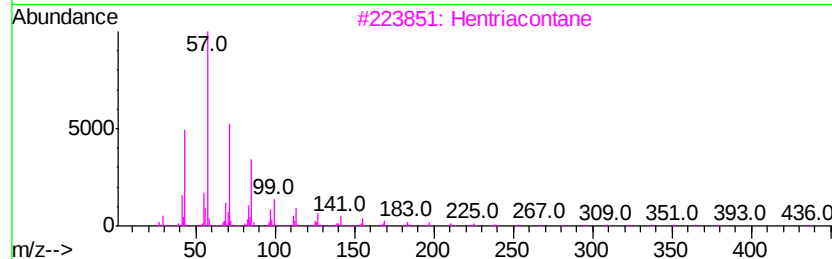
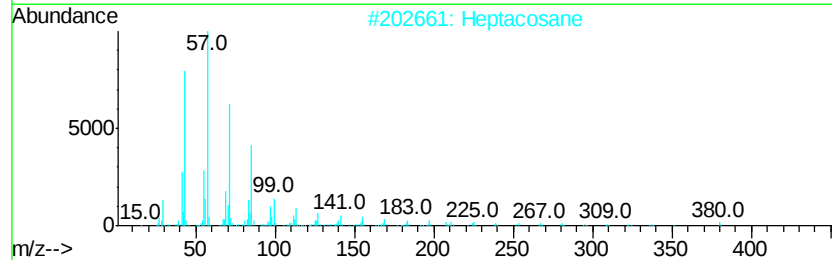
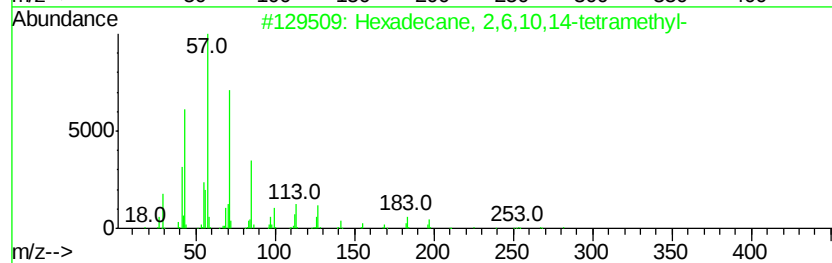
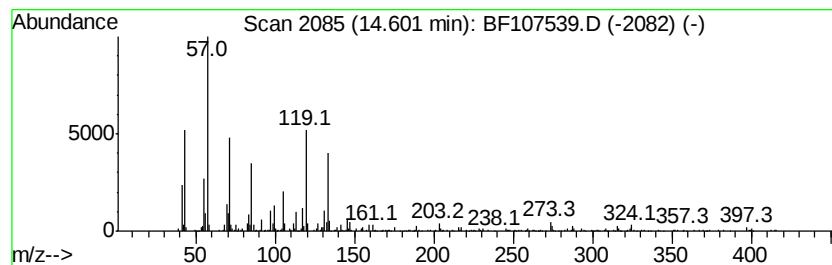
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.60 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.15 ng	608213	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	42
2			Heptacosane	380	C27H56	000593-49-7	38
3			Hentriacontane	437	C31H64	000630-04-6	38
4			Hexatriacontane	507	C36H74	000630-06-8	38
5			Tetratetracontane	619	C44H90	007098-22-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
Acq On : 20 Jul 2018 22:18
Operator : JU/SJ
Sample : J4057-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

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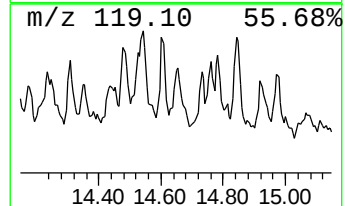
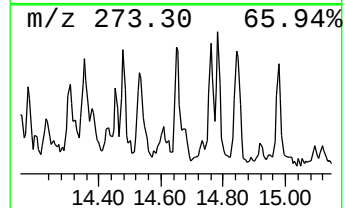
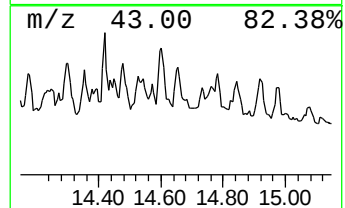
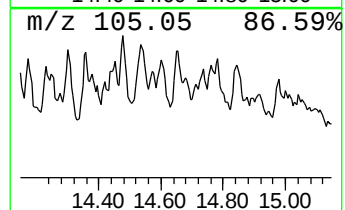
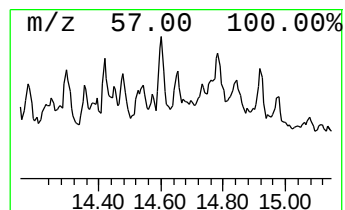
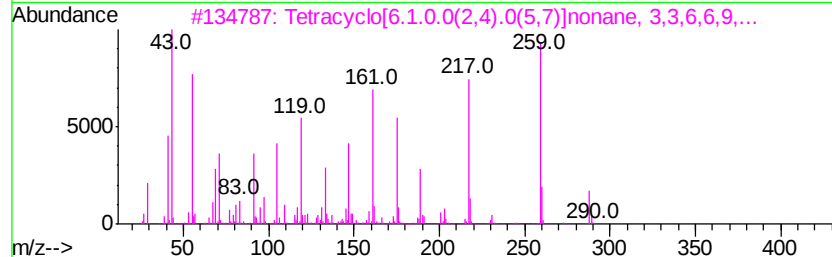
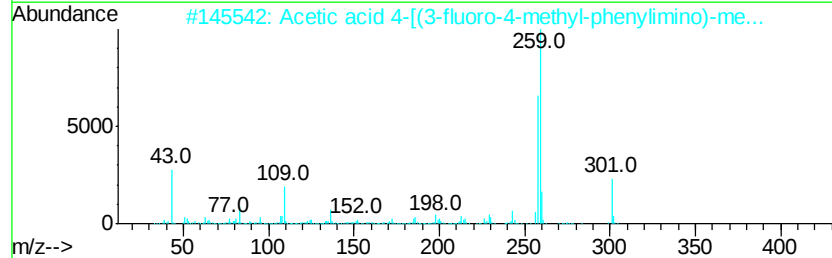
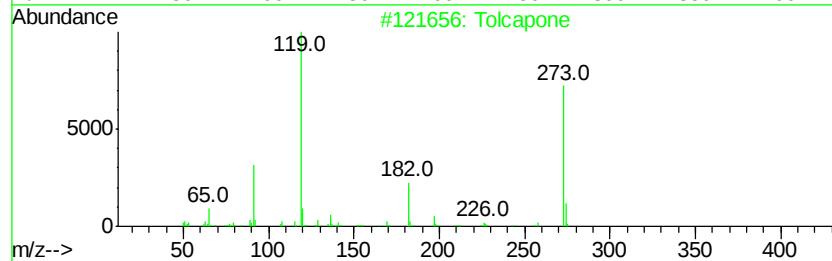
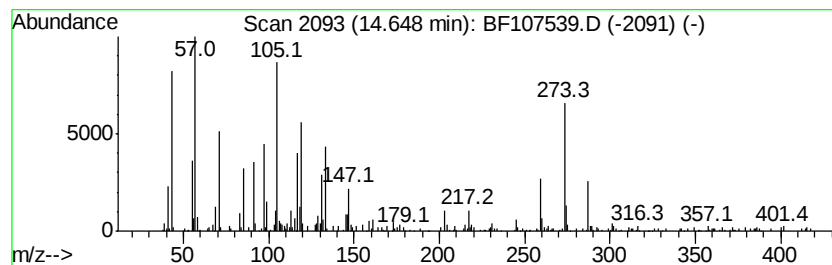
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.65 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	6.19 ng	612331	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tolcapone	273	C14H11NO5	134308-13-7	18
2		Acetic acid 4-[(3-fluoro-4-methy...	301	C17H16FN03	303771-07-5	15
3		Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	288	C21H36	078578-98-0	11
4		Benz[alanthracen-7(12H)-one, 12-...	274	C19H14O2	017513-39-2	11
5		1H-Inden-5-ol, 2,3-dihydro-1,1,3...	274	C19H30O	093892-40-1	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
Acq On : 20 Jul 2018 22:18
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ClientSampleId :
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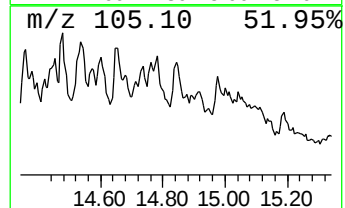
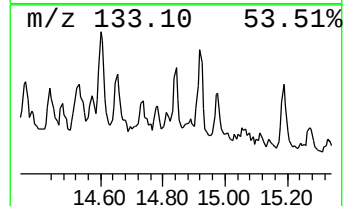
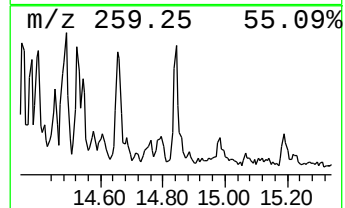
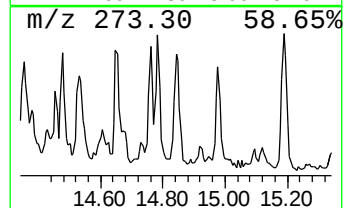
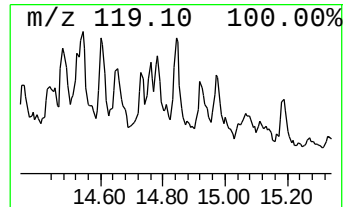
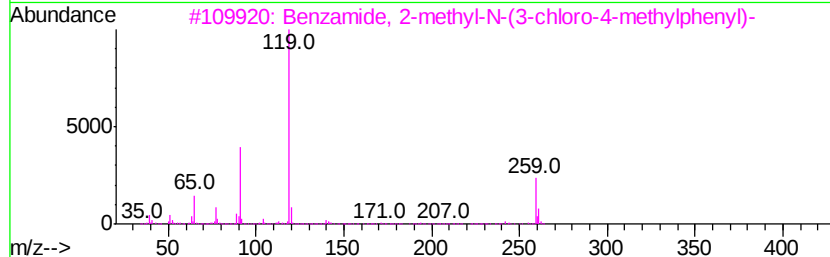
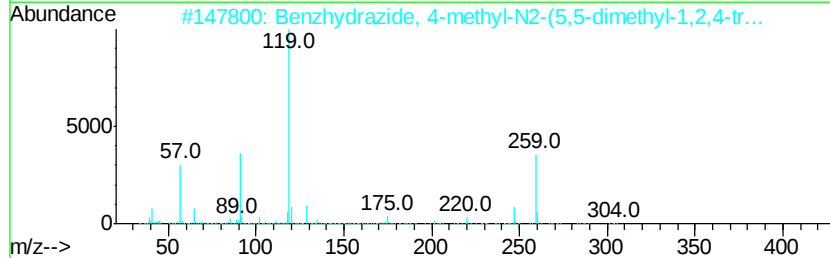
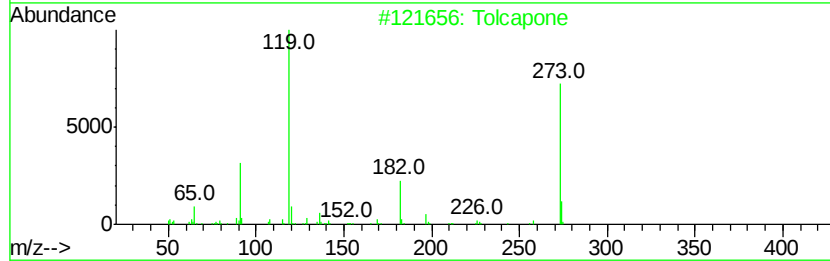
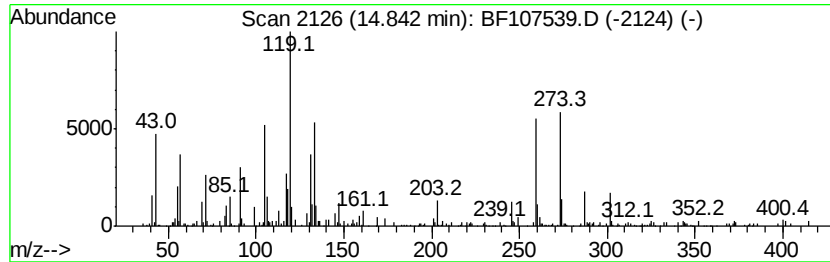
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.84 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.45 ng	341196	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tolcapone	273	C14H11NO5	134308-13-7	38
2			Benzhydrazide, 4-methyl-N2-(5,5-...	304	C16H20N2O4	1000264-15-6	35
3			Benzamide, 2-methyl-N-(3-chloro-...	259	C15H14ClNO	071267-56-6	35
4			p-Cymene	134	C10H14	000099-87-6	18
5			o-Cymene	134	C10H14	000527-84-4	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
Acq On : 20 Jul 2018 22:18
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Misc :
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ClientSampleId :
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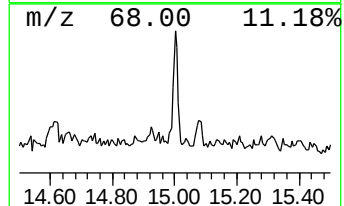
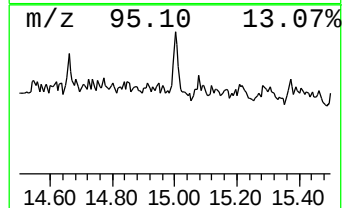
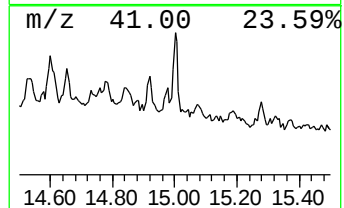
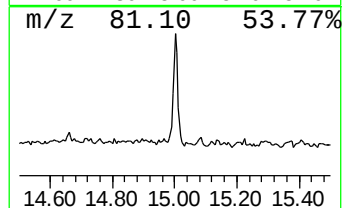
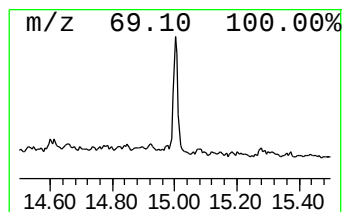
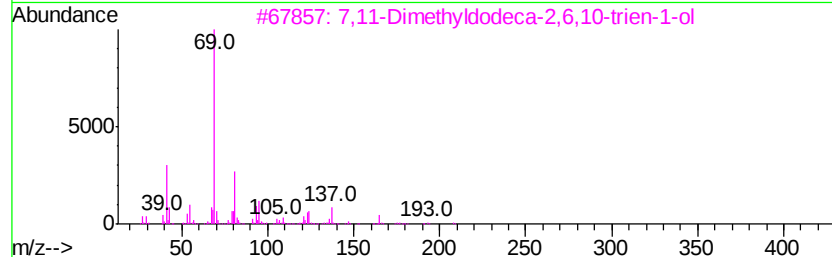
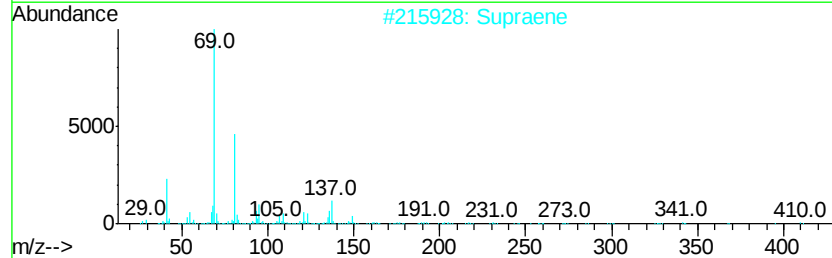
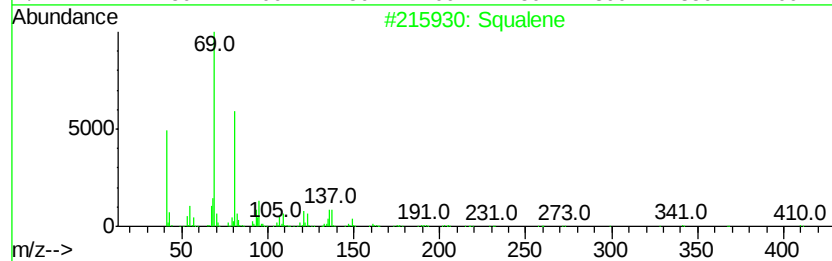
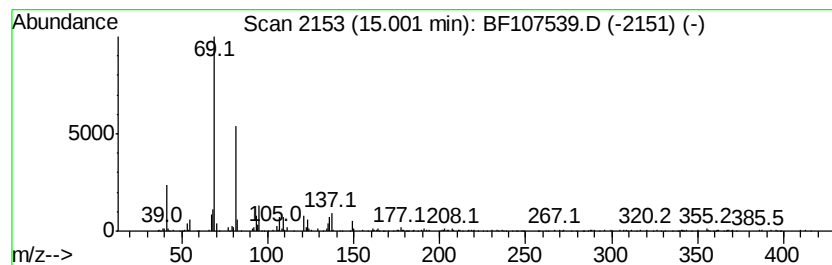
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.62 ng	398047	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	90
2			Supraene	410	C30H50	007683-64-9	87
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5			1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
Acq On : 20 Jul 2018 22:18
Operator : JU/SJ
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Misc :
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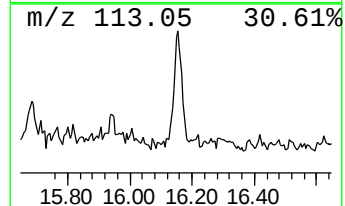
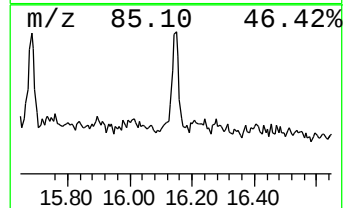
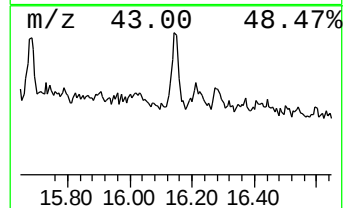
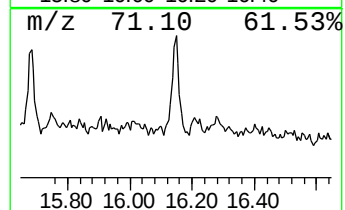
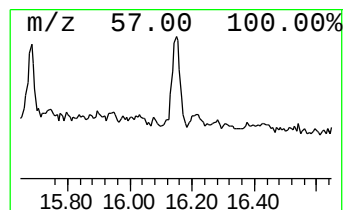
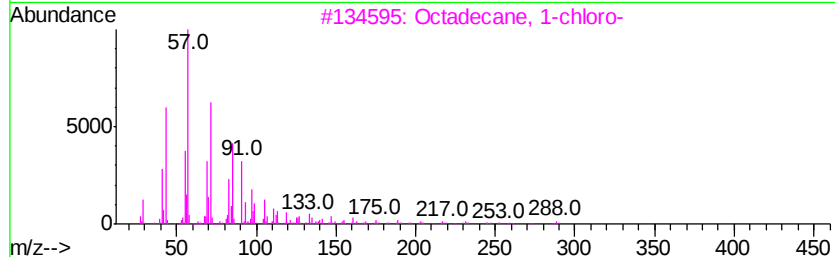
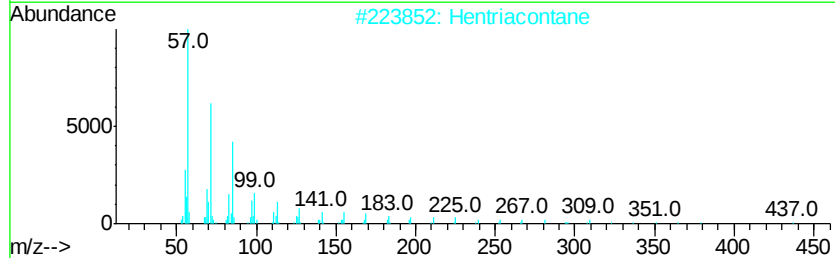
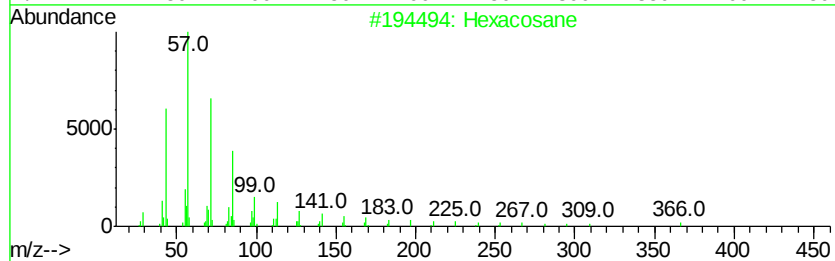
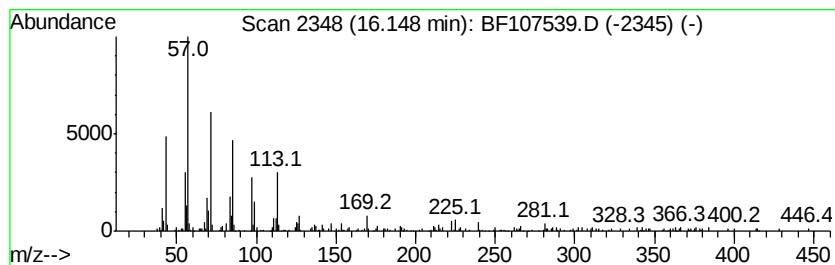
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.57 ng	282292	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		Hentriacontane	437	C31H64	000630-04-6	76
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	70
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68
5		Tetratetracontane	619	C44H90	007098-22-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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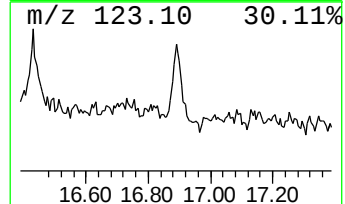
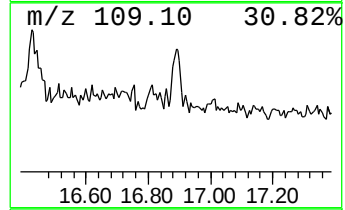
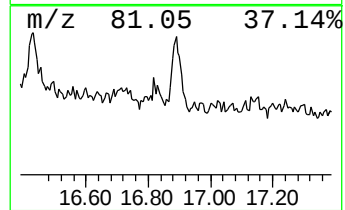
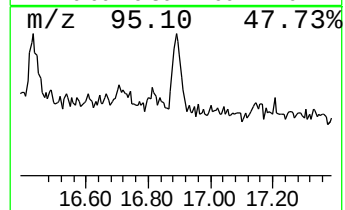
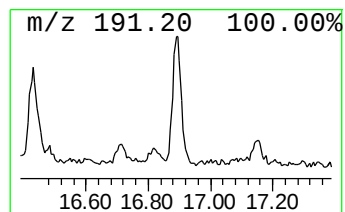
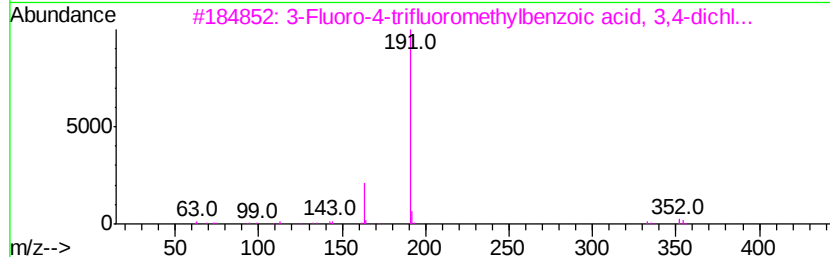
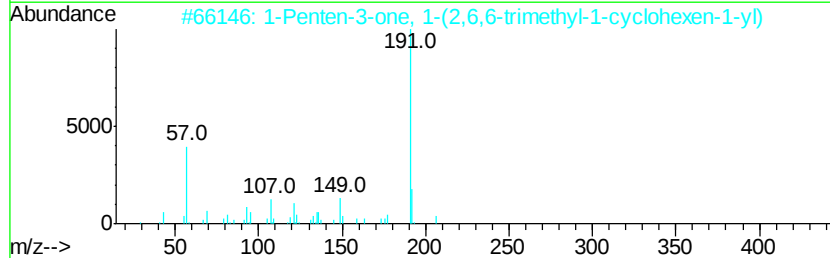
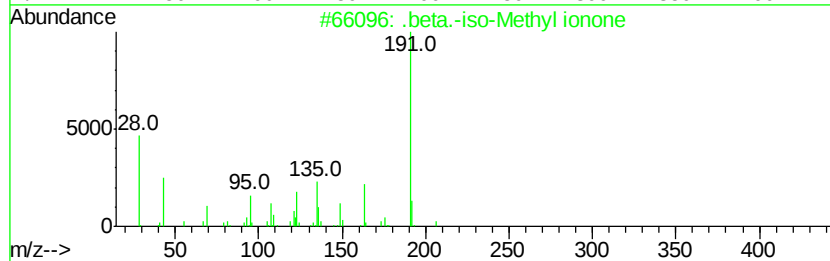
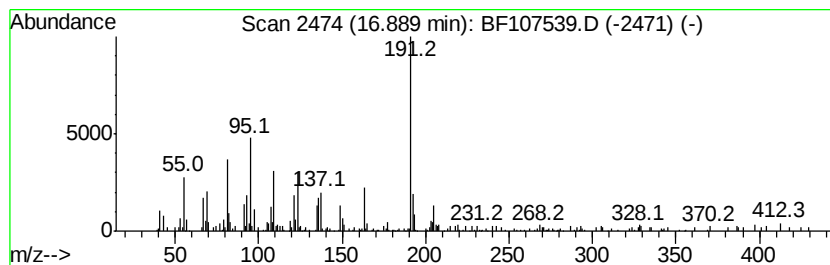
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.61 ng	396683	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	55
2			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	41
3			3-Fluoro-4-trifluoromethylbenzoi...	352	C14H6Cl2F4O2	1000357-94-6	38
4			5-Fluoro-2-trifluoromethylbenzoi...	352	C14H6Cl2F4O2	1000357-63-5	38
5			4-Fluoro-2-trifluoromethylbenzoi...	302	C14H7F5O2	1000343-76-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107539.D
Acq On : 20 Jul 2018 22:18
Operator : JU/SJ
Sample : J4057-09
Misc :
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ClientSampleId :
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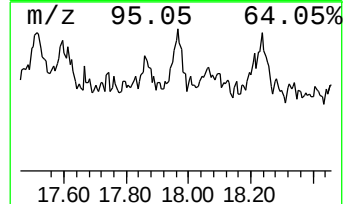
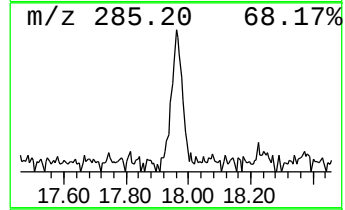
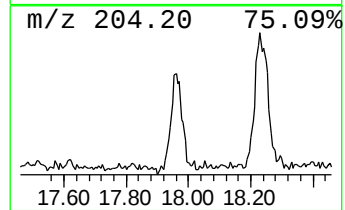
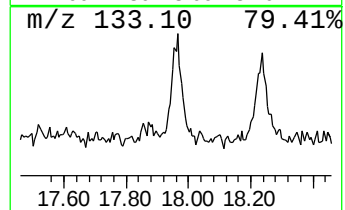
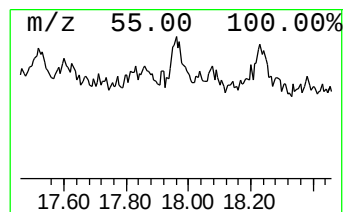
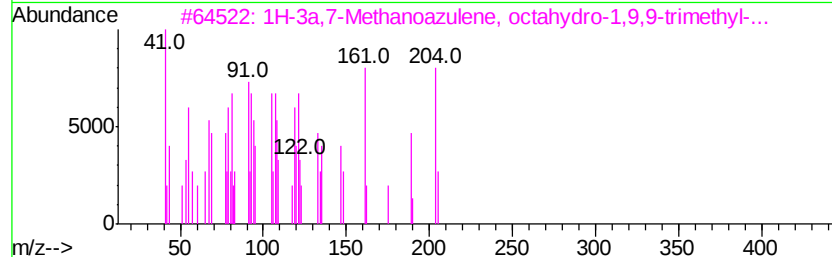
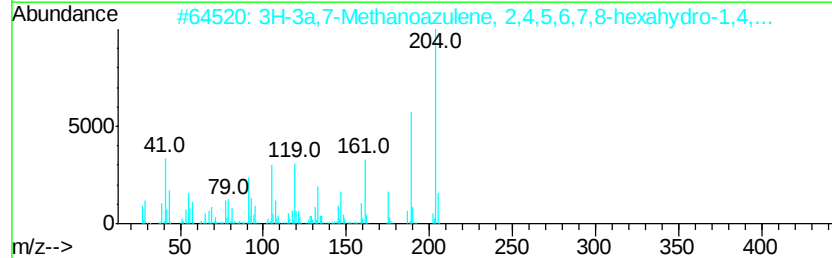
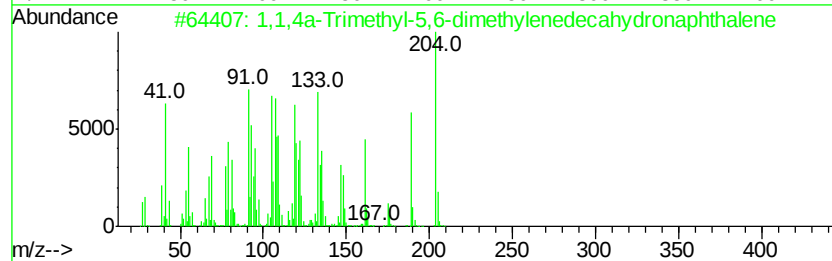
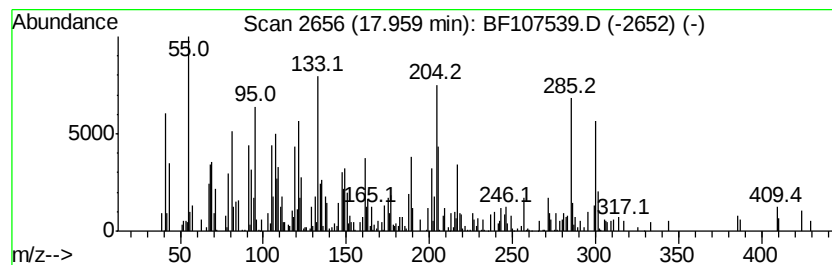
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.42 ng	485677	Perylene-d12	15.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	64
2			3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	46
3			1H-3a,7-Methanoazulene, octahvdr...	204	C15H24	000508-55-4	46
4			Aromandendrene	204	C15H24	000489-39-4	43
5			9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107539.D
 Acq On : 20 Jul 2018 22:18
 Operator : JU/SJ
 Sample : J4057-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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...	5.21	9.6 ng		935339	1	6.97	1953240	20.0
unknown6.74	6.74	58.7 ng		5730950	1	6.97	1953240	20.0
Benzene, (1-methy...	11.88	3.3 ng		489614	4	11.51	2983740	20.0
unknown12.02	12.02	8.0 ng		1197380	4	11.51	2983740	20.0
Benzene, (1-ethyl...	12.13	3.7 ng		552496	4	11.51	2983740	20.0
Benzene, (1-methy...	12.30	8.4 ng		1255310	4	11.51	2983740	20.0
Heptadecyl triflu...	13.97	9.4 ng		932050	5	14.15	1977450	20.0
unknown14.30	14.30	4.8 ng		473535	5	14.15	1977450	20.0
1,19-Eicosadiene	14.42	4.1 ng		404480	5	14.15	1977450	20.0
unknown14.48	14.48	3.6 ng		355103	5	14.15	1977450	20.0
unknown14.54	14.54	5.8 ng		572231	5	14.15	1977450	20.0
unknown14.60	14.60	6.2 ng		608213	5	14.15	1977450	20.0
unknown14.65	14.65	6.2 ng		612331	5	14.15	1977450	20.0
unknown14.84	14.84	3.5 ng		341196	5	14.15	1977450	20.0
Squalene	15.00	3.6 ng		398047	6	15.69	2197630	20.0
Hexacosane	16.15	2.6 ng		282292	6	15.69	2197630	20.0
.beta.-iso-Methyl...	16.89	3.6 ng		396683	6	15.69	2197630	20.0
1,1,4a-Trimethyl-...	17.96	4.4 ng		485677	6	15.69	2197630	20.0