

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115171.D
 Acq On : 25 Jun 2019 2:07
 Operator : HP/JU
 Sample : K3500-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4(9-10)

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-BF062119.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	4.454	424	428	434	rVB	138499	172721	3.42%	0.336%
2	5.213	551	557	560	rBV	4554295	4596900	90.90%	8.947%
3	6.248	727	733	736	rBV	4416491	4793172	94.78%	9.329%
4	6.278	736	738	744	rVB	119165	114645	2.27%	0.223%
5	6.378	750	755	759	rBV	4974150	5004070	98.95%	9.740%
6	6.613	791	795	798	rBV	2018974	1625465	32.14%	3.164%
7	6.766	817	821	825	rBV	4097365	3797019	75.09%	7.390%
8	7.172	885	890	893	rBV	3403698	3055498	60.42%	5.947%
9	7.413	928	931	934	rBV	70942	60102	1.19%	0.117%
10	7.889	1008	1012	1016	rBV	2476560	2065832	40.85%	4.021%
11	8.966	1191	1195	1199	rBV	5427204	5056954	100.00%	9.843%
12	9.101	1214	1218	1221	rBV	363733	331328	6.55%	0.645%
13	9.360	1258	1262	1269	rBV	945978	796001	15.74%	1.549%
14	9.472	1277	1281	1286	rBV5	36069	55178	1.09%	0.107%
15	9.636	1305	1309	1318	rVB	2788518	2389628	47.25%	4.651%
16	10.236	1408	1411	1416	rBV	88545	106718	2.11%	0.208%
17	10.419	1437	1442	1445	rBV	3626611	3480895	68.83%	6.775%
18	10.877	1517	1520	1524	rBV	68211	64558	1.28%	0.126%
19	11.107	1555	1559	1562	rBV	3209682	2568907	50.80%	5.000%
20	11.371	1601	1604	1608	rBV2	70331	90827	1.80%	0.177%
21	11.660	1650	1653	1661	rBV2	533148	579842	11.47%	1.129%
22	12.183	1739	1742	1747	rBV	620732	767078	15.17%	1.493%
23	12.377	1773	1775	1777	rBV	140712	94106	1.86%	0.183%
24	12.442	1783	1786	1790	rBV2	180411	224363	4.44%	0.437%
25	12.695	1824	1829	1832	rBV	5086686	5027628	99.42%	9.786%
26	13.618	1983	1986	1992	rVB	493498	575960	11.39%	1.121%
27	13.724	2001	2004	2010	rBV	1988791	2050260	40.54%	3.991%
28	14.595	2150	2152	2155	rVB	433723	349083	6.90%	0.679%
29	15.095	2233	2237	2241	rVB	1316948	1483158	29.33%	2.887%

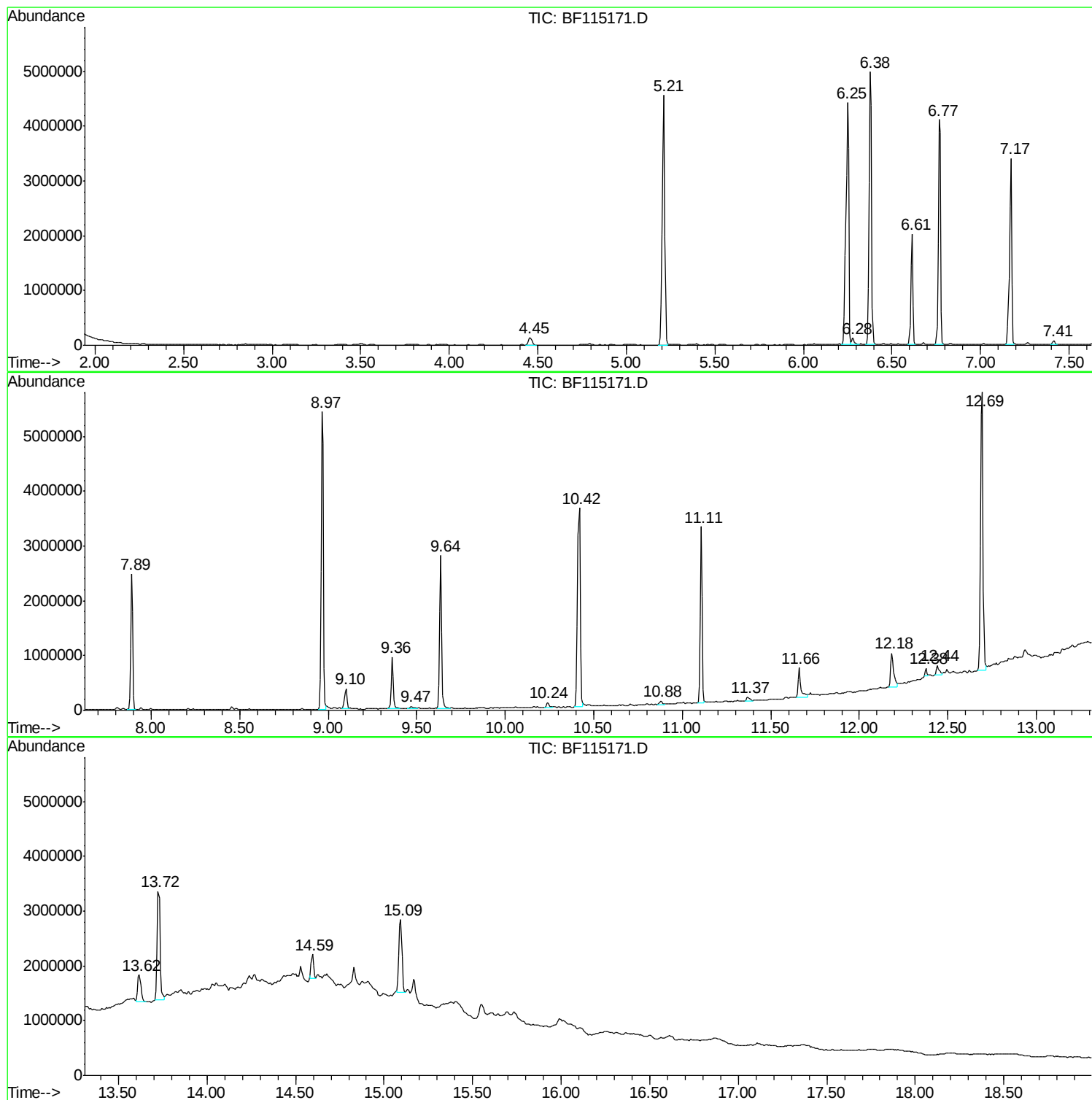
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
B-4(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.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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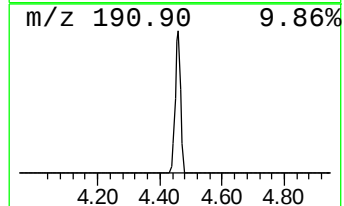
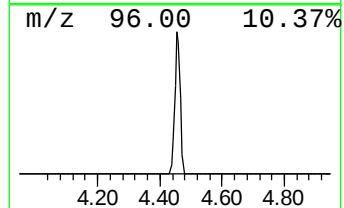
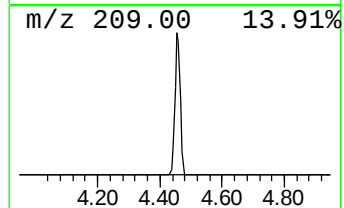
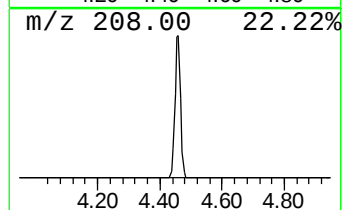
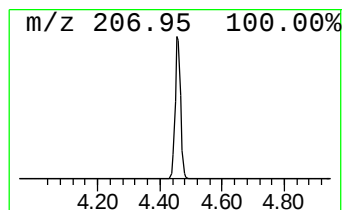
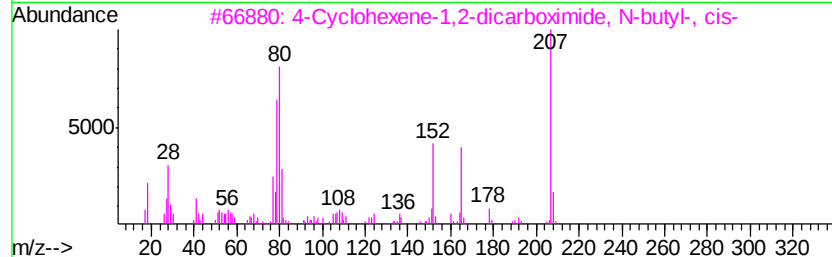
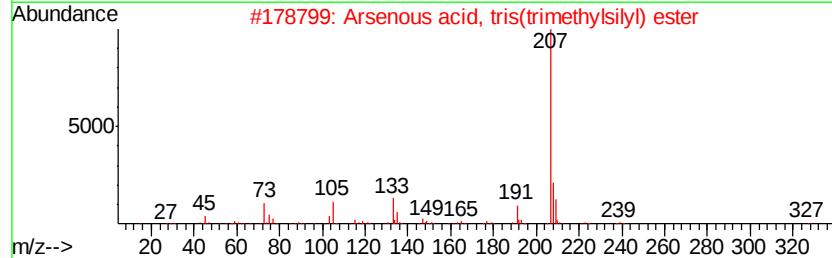
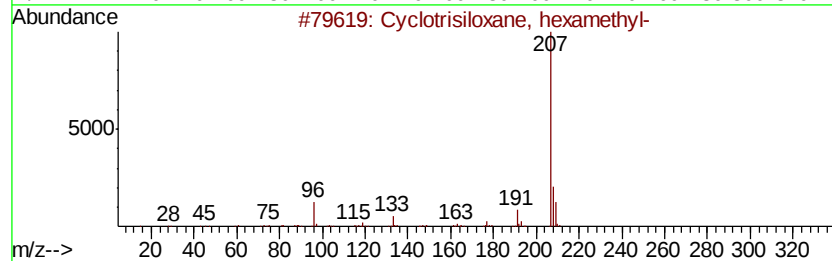
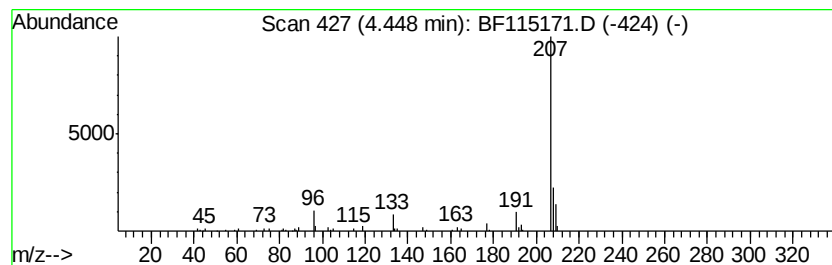
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.13 ng	172721	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	78
3		4-Cyclohexene-1,2-dicarboximide,...	207	C12H17N02	028916-00-9	42
4		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38



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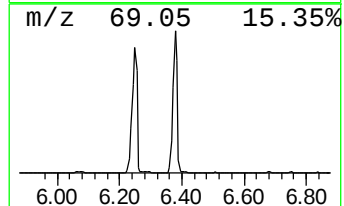
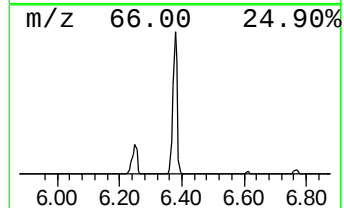
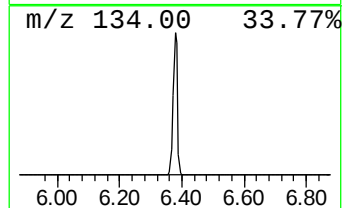
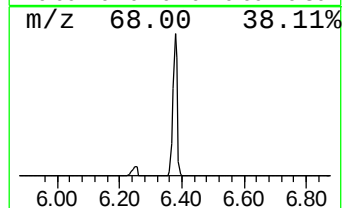
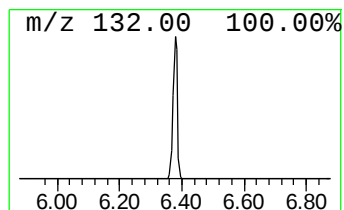
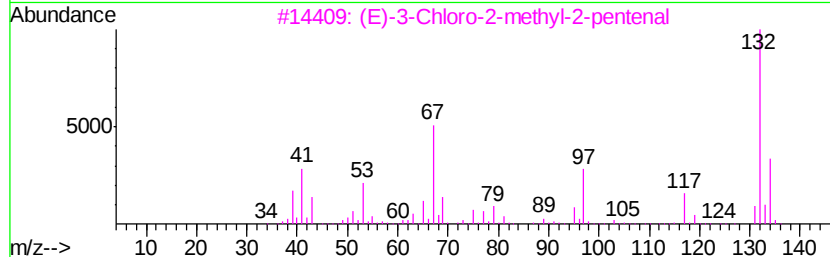
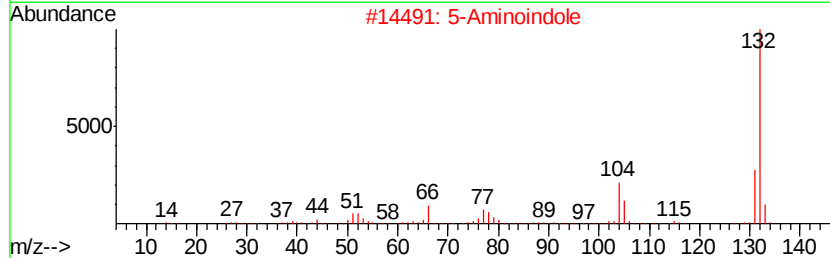
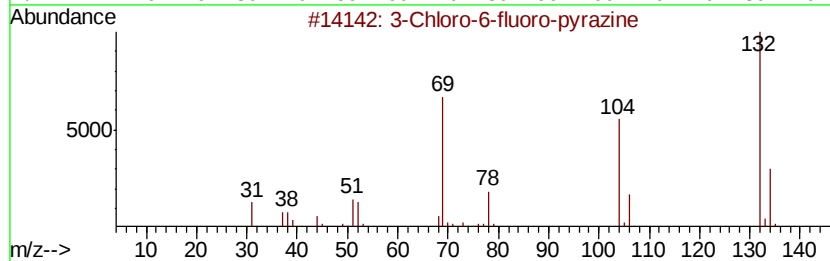
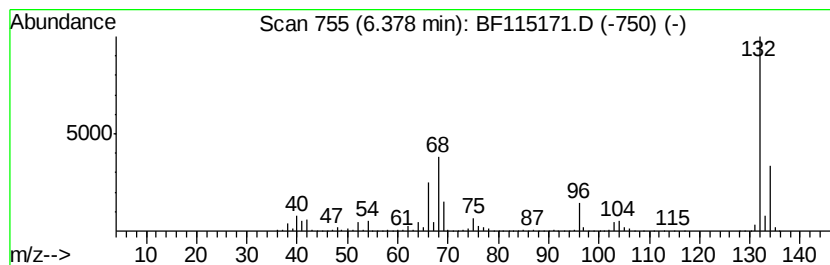
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	61.57 ng	5004070	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



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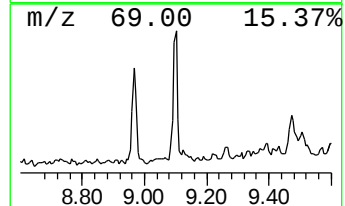
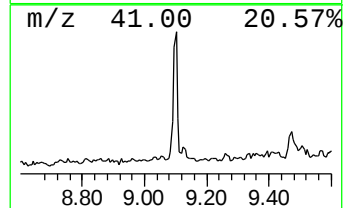
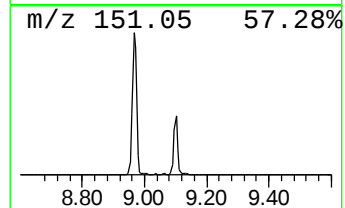
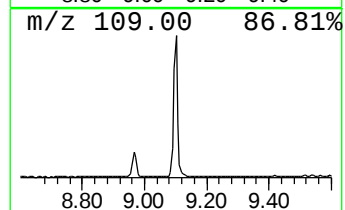
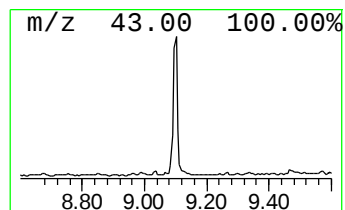
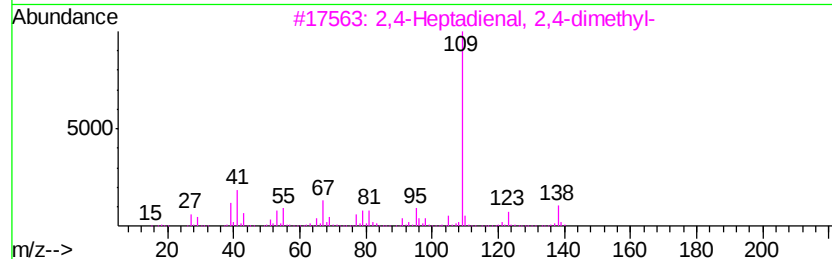
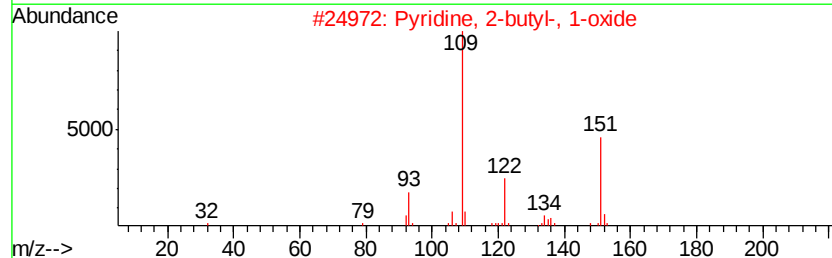
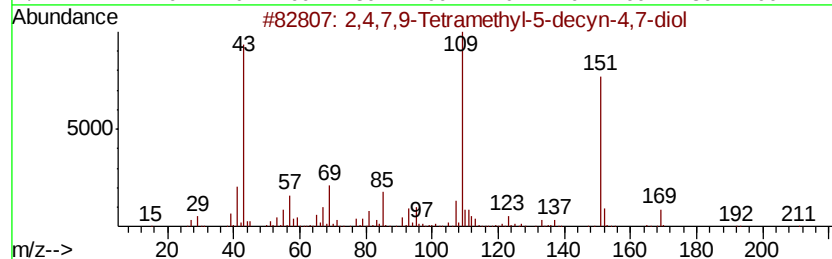
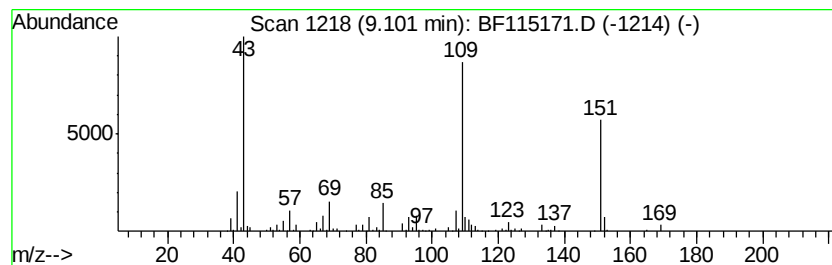
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.77 ng	331328	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	43
4		1-(1,2,3-Trimethylcyclopent-2-ene...	152	C10H16O	070987-81-4	43
5		N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	43



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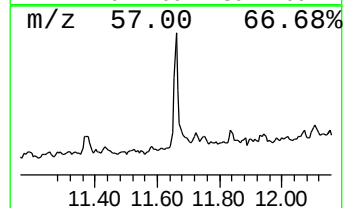
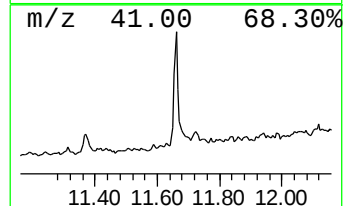
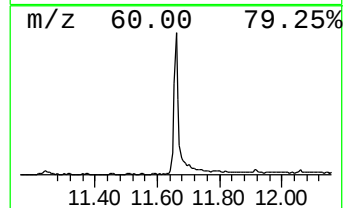
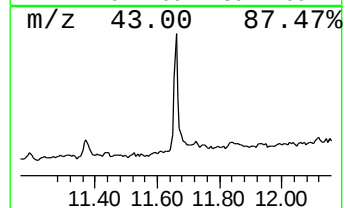
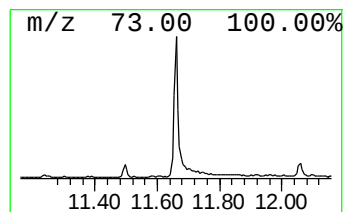
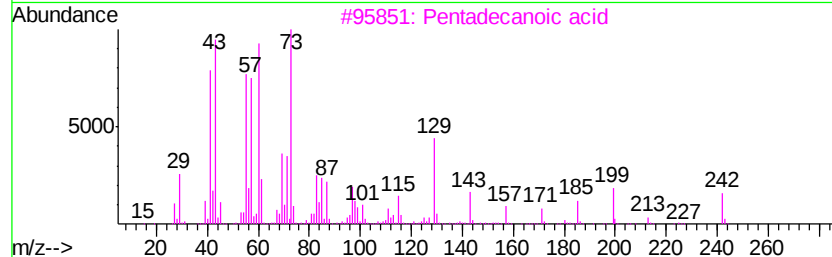
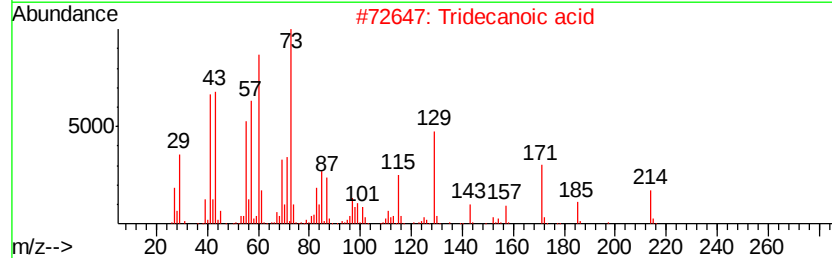
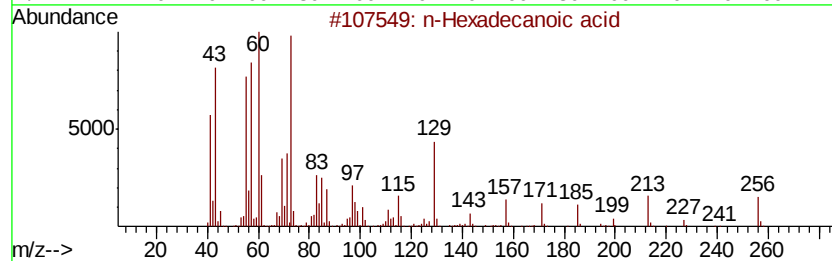
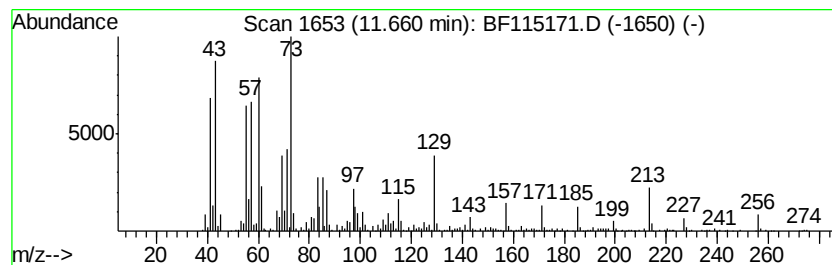
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.66	4.51 ng	579842	Phenanthrene-d10		11.11
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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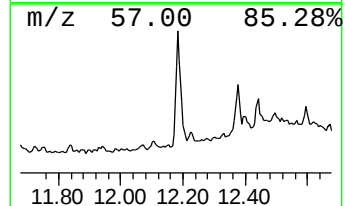
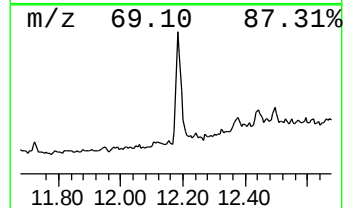
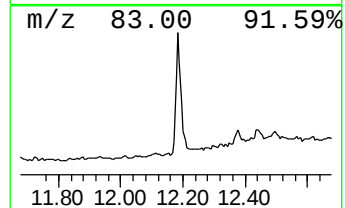
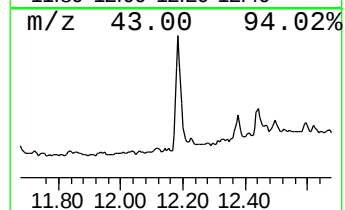
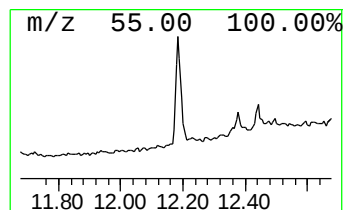
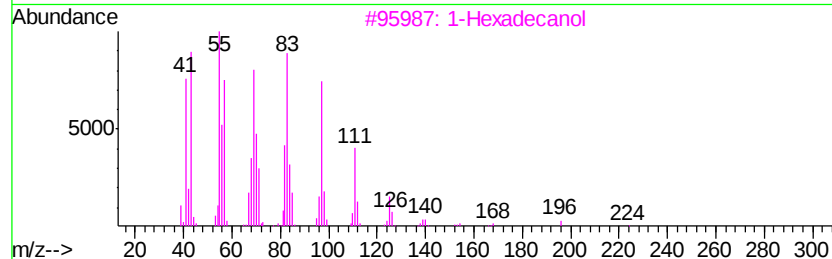
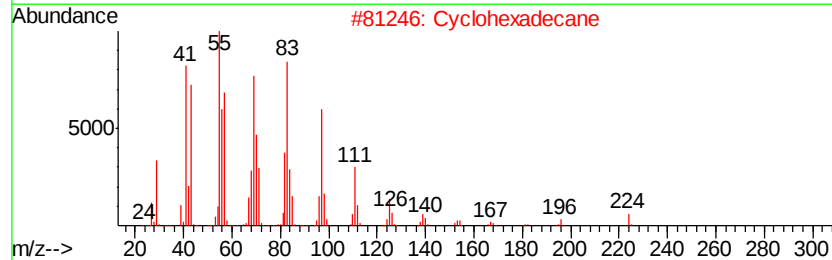
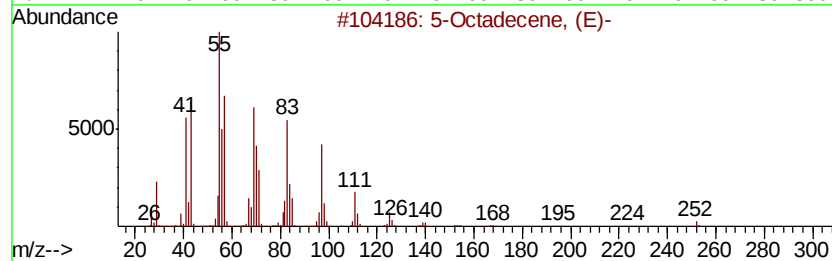
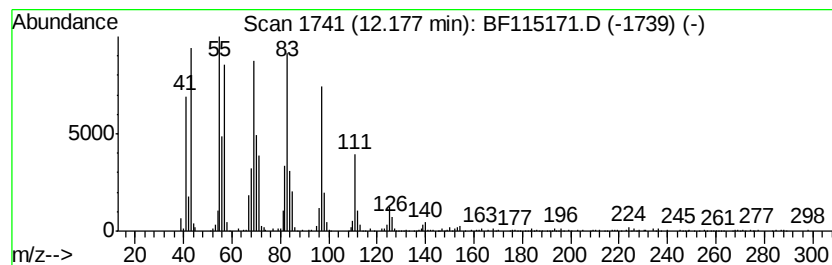
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	5.97 ng	767078	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		1-Hexadecanol	242	C16H34O	036653-82-4	94
4		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	94
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	94



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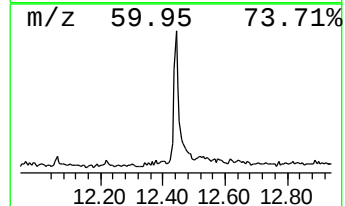
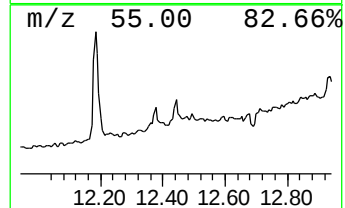
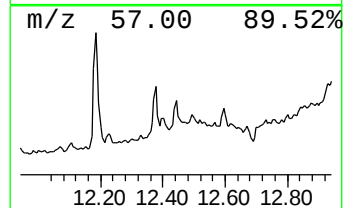
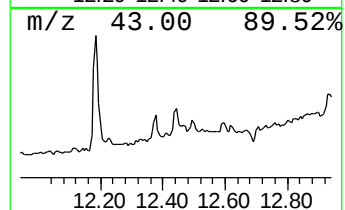
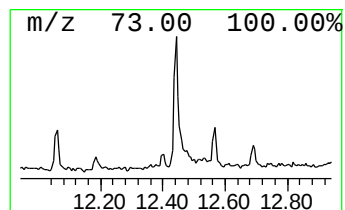
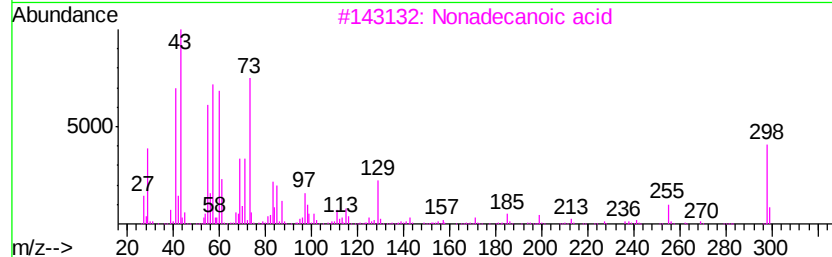
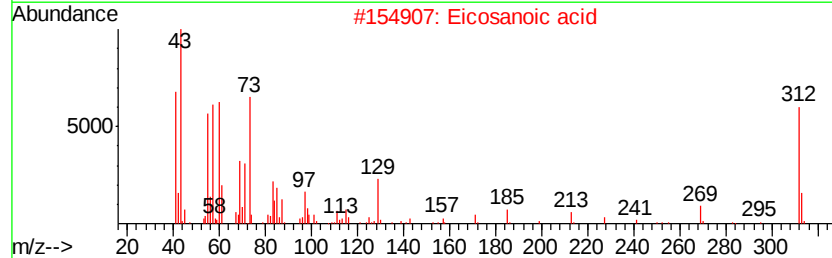
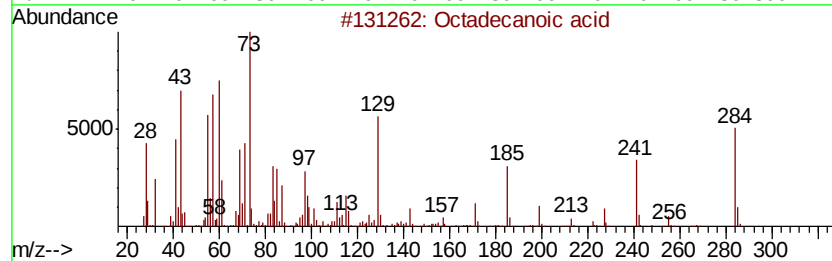
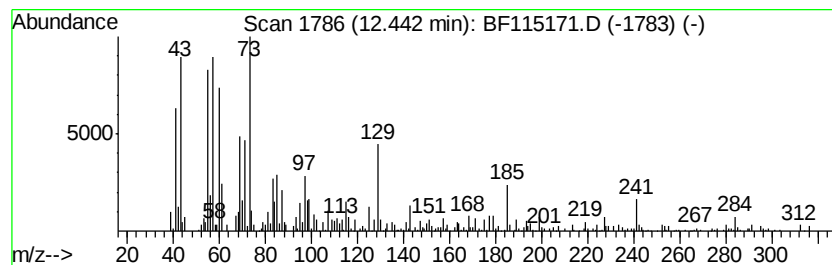
Instrument :
BNA_F
ClientSampleId :
B-4(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.44	2.19 ng	224363	Chrysene-d12		13.72	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Eicosanoic acid	312	C20H40O2	000506-30-9	95
3		Nonadecanoic acid	298	C19H38O2	000646-30-0	93
4		Undecanoic acid	186	C11H22O2	000112-37-8	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115171.D
Acq On : 25 Jun 2019 2:07
Operator : HP/JU
Sample : K3500-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4(9-10)

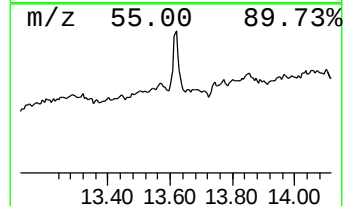
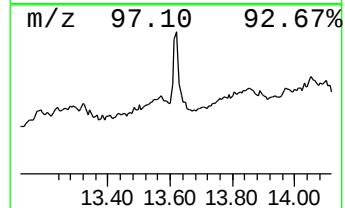
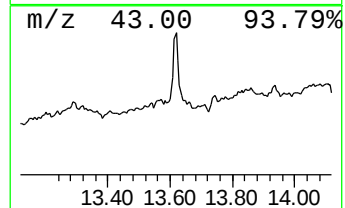
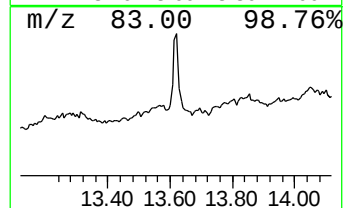
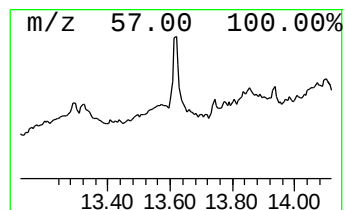
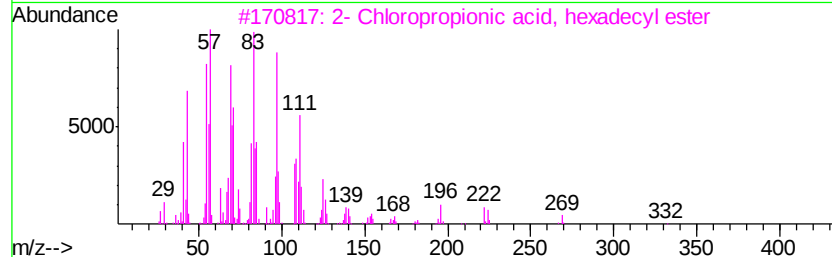
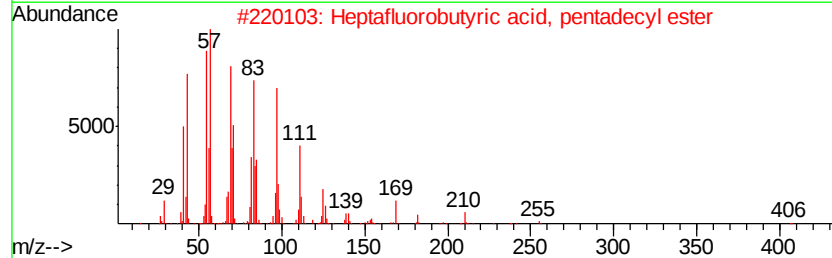
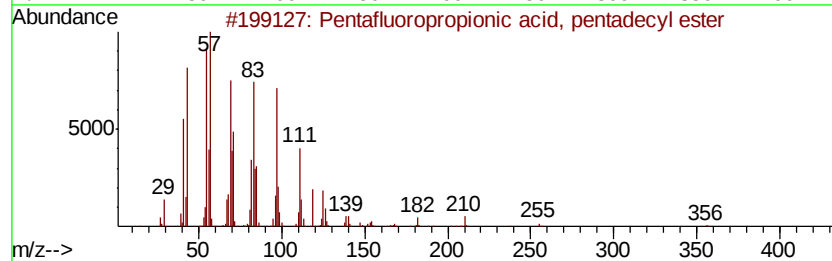
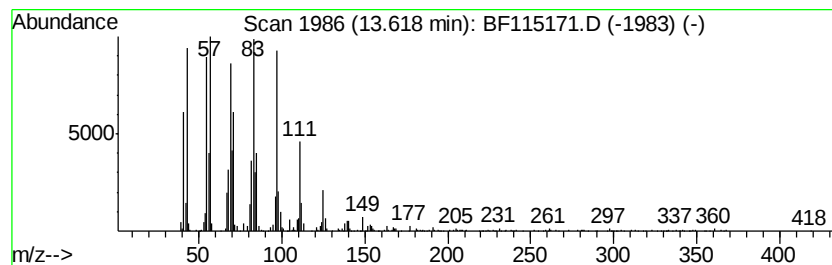
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.62 ng	575960	Chrysene-d12	13.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115171.D
Acq On : 25 Jun 2019 2:07
Operator : HP/JU
Sample : K3500-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

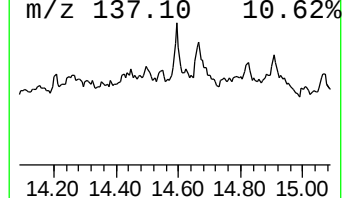
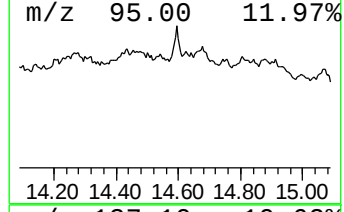
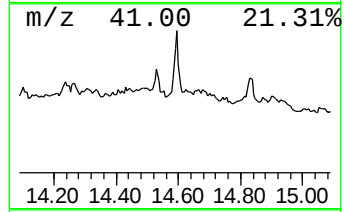
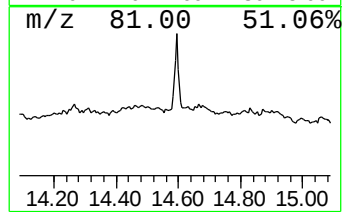
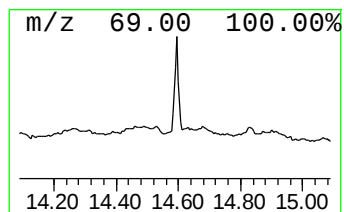
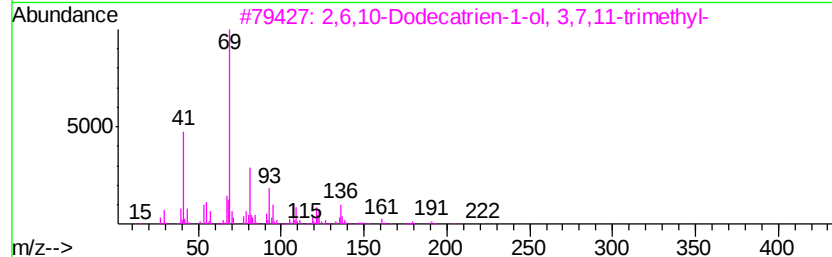
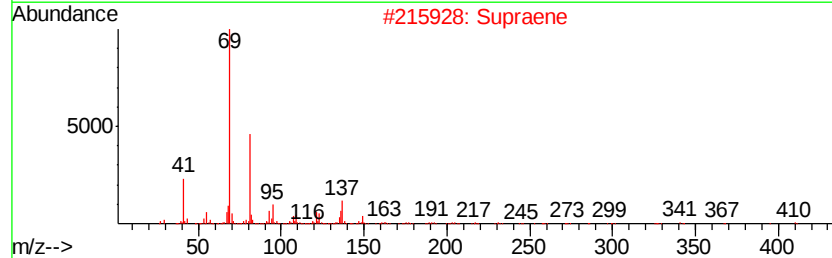
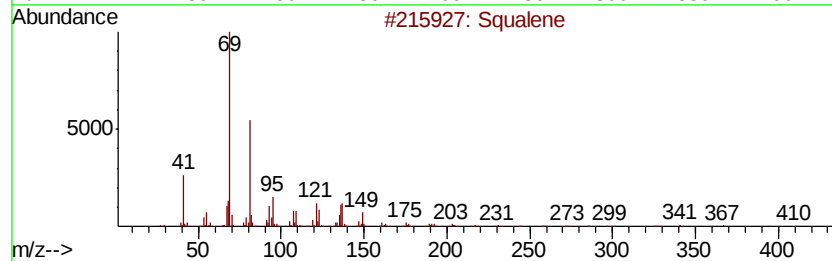
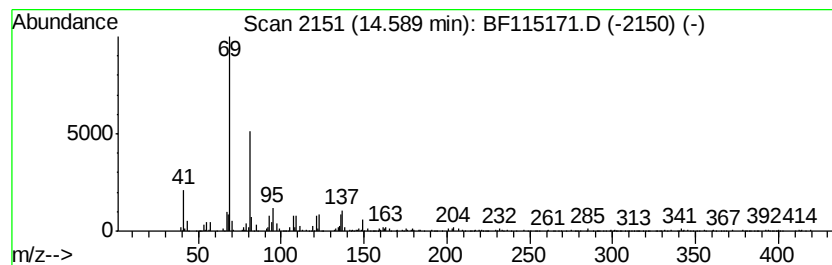
Instrument :
BNA_F
ClientSampleId :
B-4(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.59	4.71 ng	349083	Perylene-d12	15.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	97
2	Supraene	410	C30H50	007683-64-9	90
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	83
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	81
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062419\
Data File : BF115171.D
Acq On : 25 Jun 2019 2:07
Operator : HP/JU
Sample : K3500-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-4(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.45	2.1 ng		172721	1	6.61	1625470	20.0
unknown6.38	6.38	61.6 ng		5004070	1	6.61	1625470	20.0
2,4,7,9-Tetrameth...	9.10	2.8 ng		331328	3	9.64	2389630	20.0
n-Hexadecanoic acid	11.66	4.5 ng		579842	4	11.11	2568910	20.0
5-Octadecene, (E)-	12.18	6.0 ng		767078	4	11.11	2568910	20.0
Octadecanoic acid	12.44	2.2 ng		224363	5	13.72	2050260	20.0
Pentafluoropropio...	13.62	5.6 ng		575960	5	13.72	2050260	20.0
Squalene	14.59	4.7 ng		349083	6	15.09	1483160	20.0