

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
 Data File : BF109194.D
 Acq On : 20 Sep 2018 20:53
 Operator : JU/SJ
 Sample : J4993-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-SLUDGE

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-BF091418.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	5.325	504	508	512	rBV	1085969	1010383	68.30%	6.866%
2	6.354	678	683	693	rBV	1263173	1093978	73.95%	7.434%
3	6.489	702	706	709	rBV	1288033	1117816	75.56%	7.596%
4	6.719	742	745	749	rBV	800460	630227	42.60%	4.283%
5	6.878	768	772	775	rBV	904220	758472	51.27%	5.154%
6	7.125	811	814	825	rVB2	89383	91677	6.20%	0.623%
7	7.278	835	840	843	rBV	852106	690718	46.69%	4.694%
8	8.001	959	963	966	rBV	965399	753439	50.93%	5.120%
9	9.078	1142	1146	1149	rBV	964120	807508	54.59%	5.487%
10	9.313	1183	1186	1188	rBV3	78637	109587	7.41%	0.745%
11	9.389	1196	1199	1202	rBV3	70683	78054	5.28%	0.530%
12	9.472	1209	1213	1215	rBV	360593	336961	22.78%	2.290%
13	9.495	1215	1217	1219	rVB2	99297	87631	5.92%	0.596%
14	9.572	1226	1230	1233	rBV	730160	778195	52.61%	5.288%
15	9.713	1250	1254	1255	rBV2	129180	155233	10.49%	1.055%
16	9.754	1255	1261	1266	rVV3	821010	1031731	69.74%	7.011%
17	9.825	1266	1273	1274	rBV6	146473	279250	18.88%	1.898%
18	9.977	1296	1299	1300	rBV2	176055	182342	12.33%	1.239%
19	10.025	1305	1307	1310	rVB2	240084	210122	14.20%	1.428%
20	10.089	1315	1318	1321	rBV3	369034	438465	29.64%	2.980%
21	10.430	1373	1376	1380	rBV	394279	635085	42.93%	4.316%
22	10.536	1392	1394	1397	rBV2	459893	447592	30.26%	3.042%
23	10.701	1419	1422	1424	rVB	1048878	971743	65.69%	6.604%
24	11.172	1499	1502	1505	rVB	1559870	1479291	100.00%	10.053%
25	15.283	2198	2201	2204	rVB2	425683	480337	32.47%	3.264%
26	16.630	2428	2430	2435	rBV5	34943	59574	4.03%	0.405%

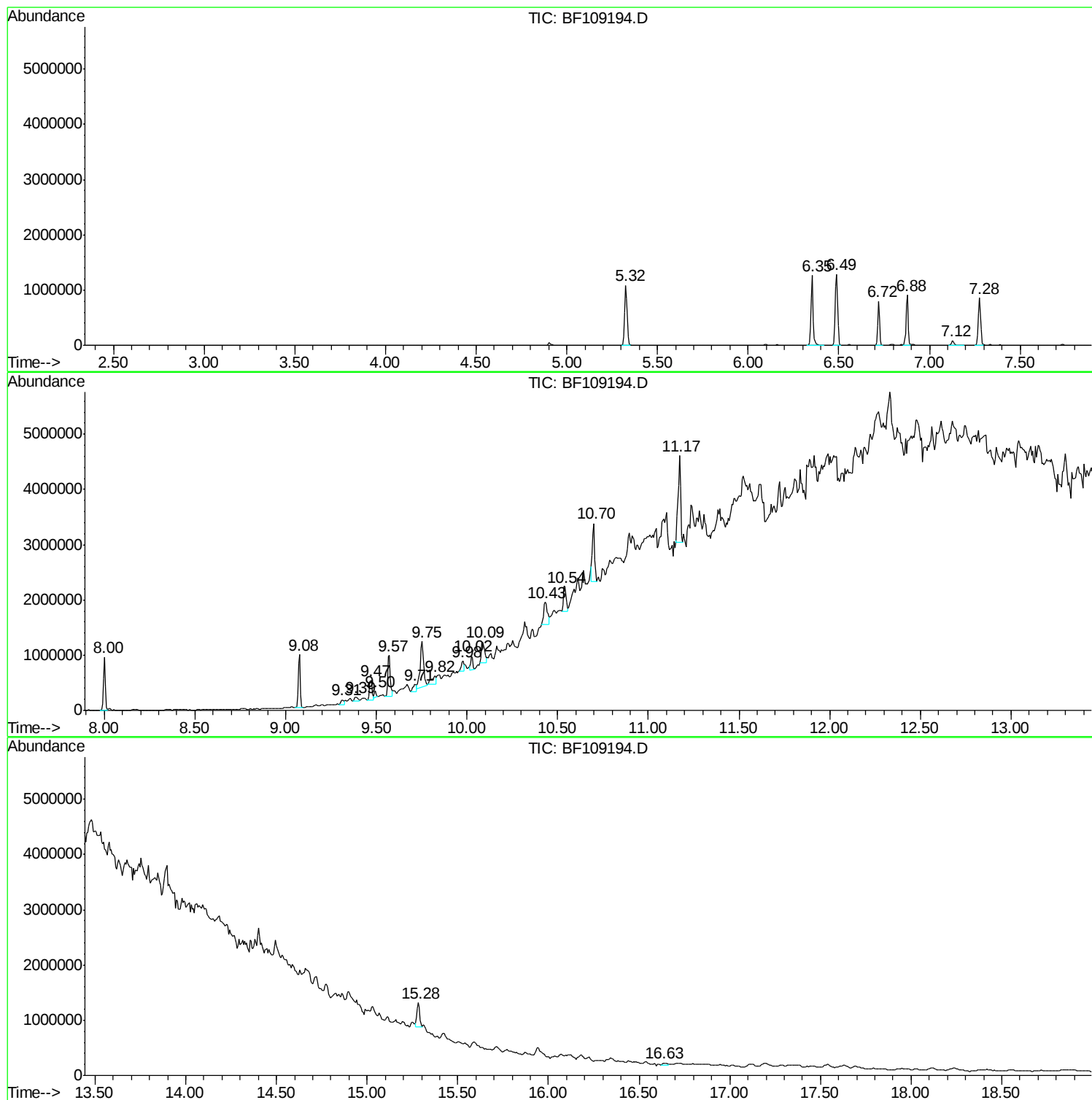
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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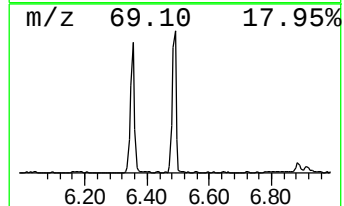
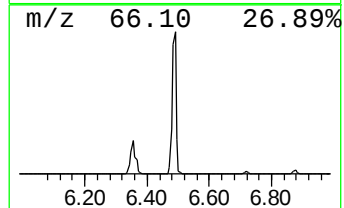
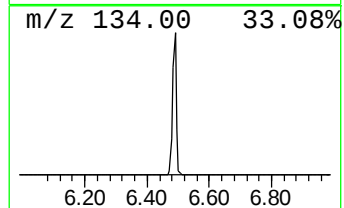
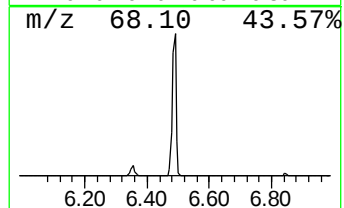
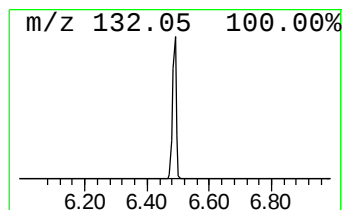
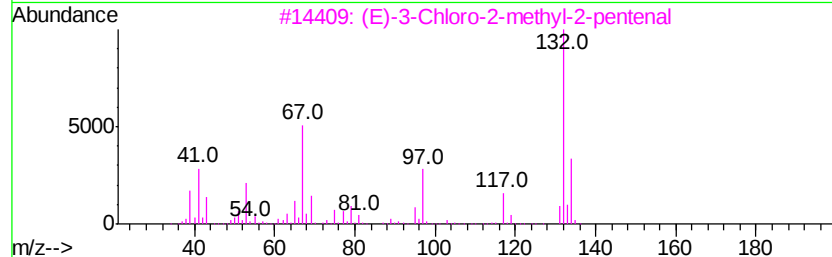
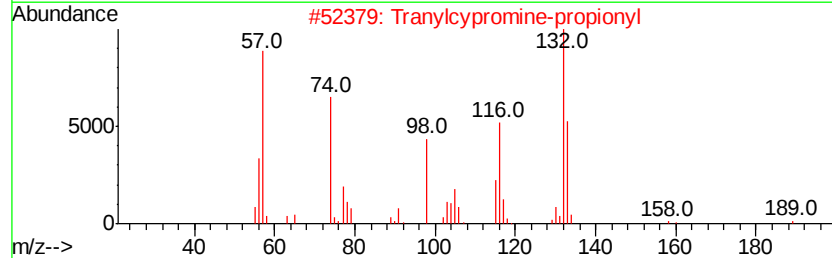
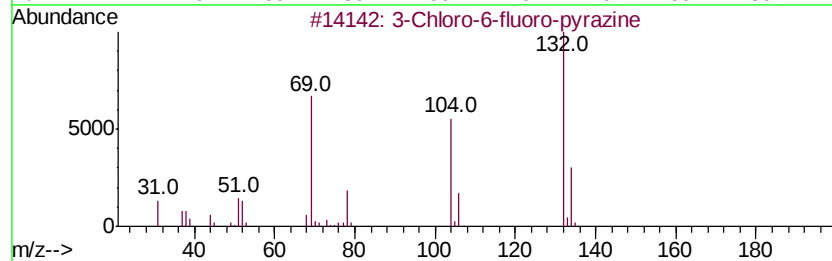
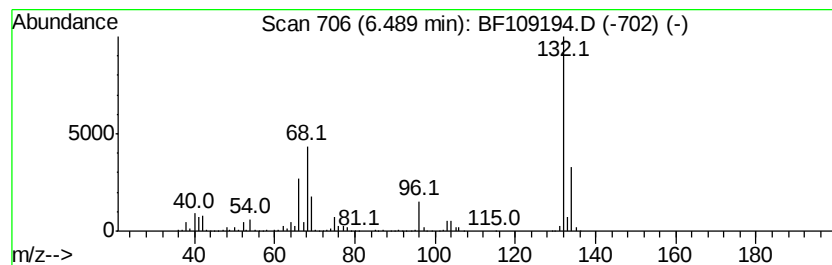
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	35.47 ng	1117820	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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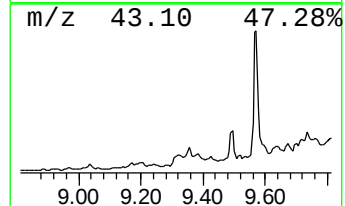
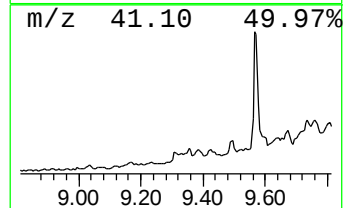
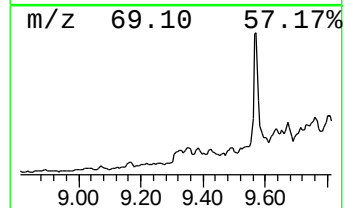
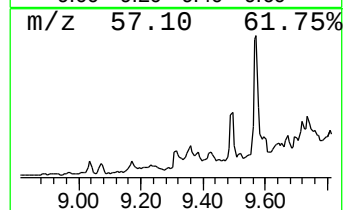
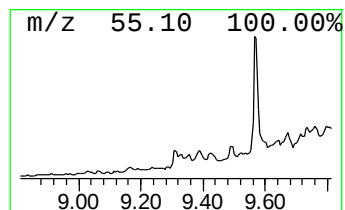
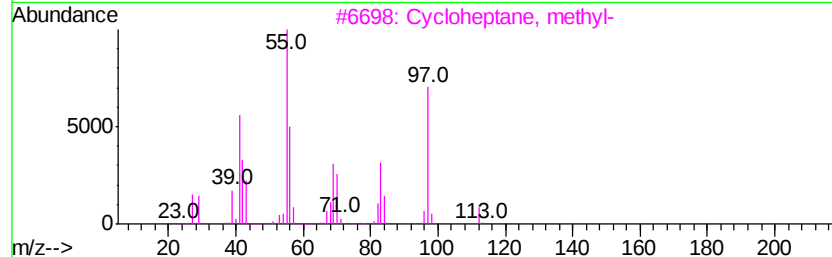
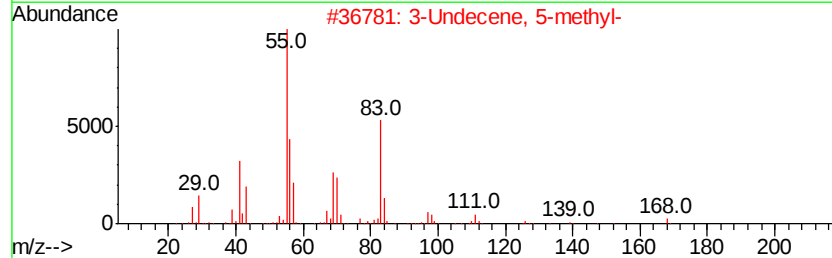
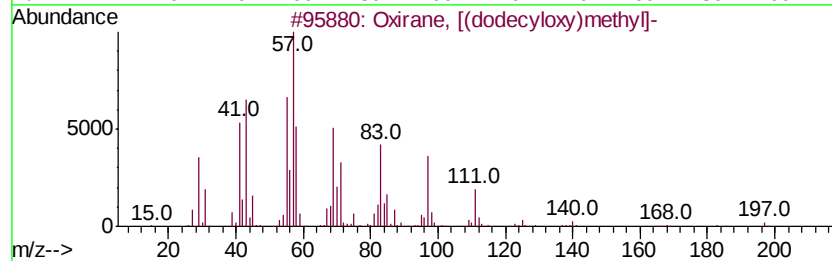
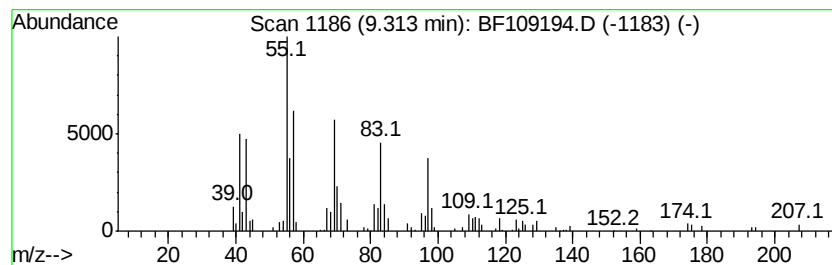
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Peak Number 3 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.12 ng	109587	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	72
2		3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	59
3		Cycloheptane, methyl-	112	C8H16	004126-78-7	58
4		Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	52
5		4-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-6	52



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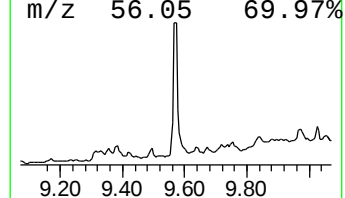
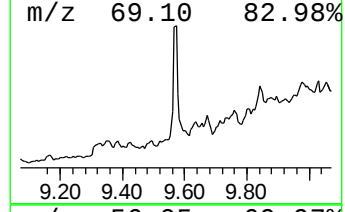
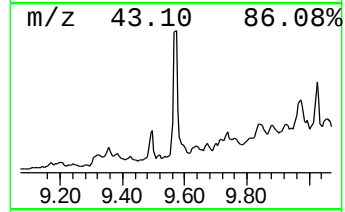
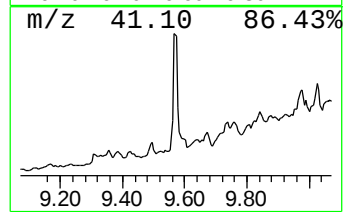
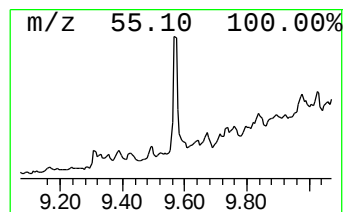
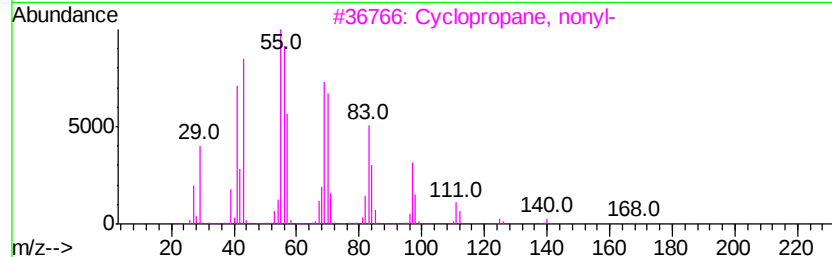
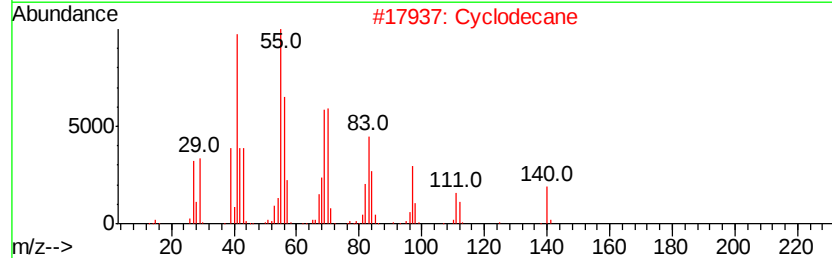
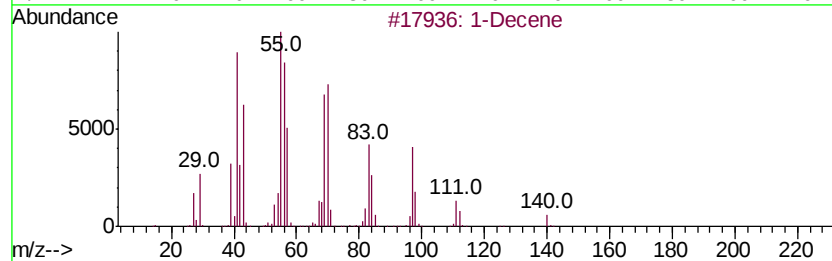
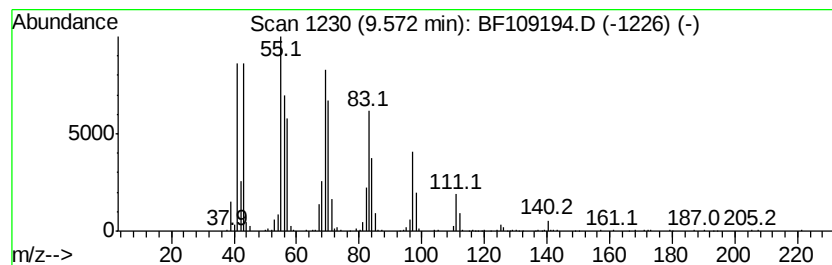
Instrument :
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ClientSampleId :
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Peak Number 4 1-Decene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	15.09 ng	778195	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decene	140 C10H20	000872-05-9	97
2	Cyclodecane	140 C10H20	000293-96-9	94
3	Cyclopropane, nonyl-	168 C12H24	074663-85-7	93
4	1-Dodecanol	186 C12H26O	000112-53-8	91
5	Trichloroacetic acid, tridecyl e...	344 C15H27Cl3O2	074339-51-8	90



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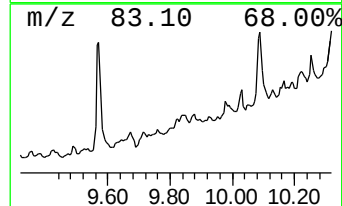
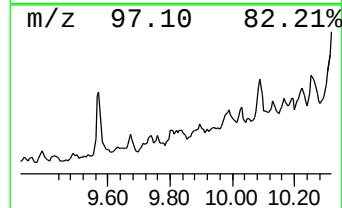
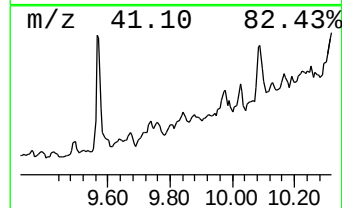
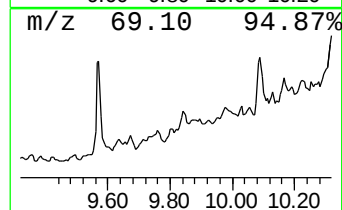
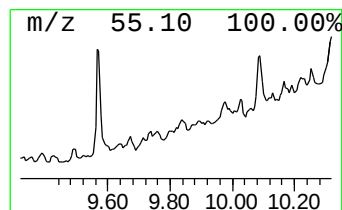
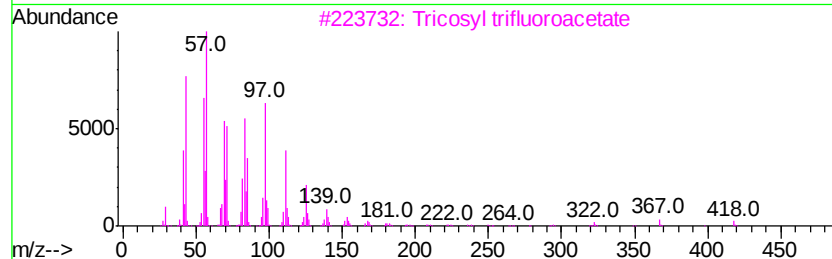
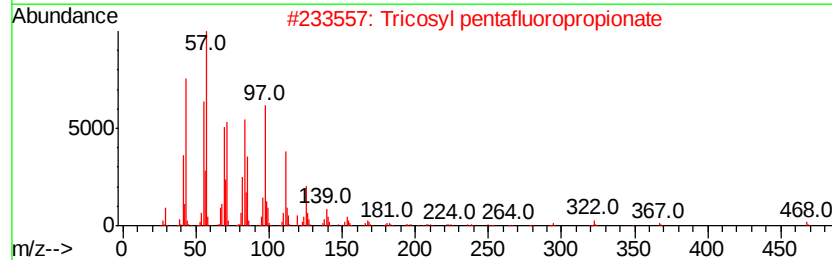
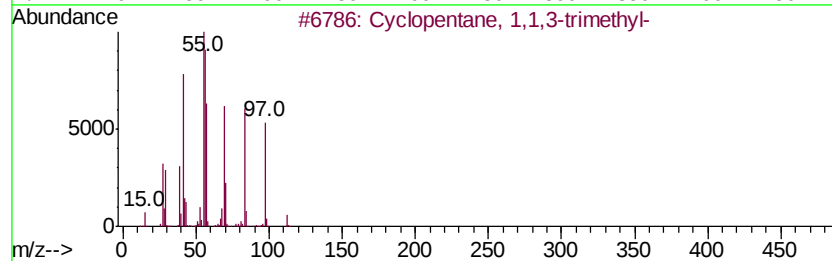
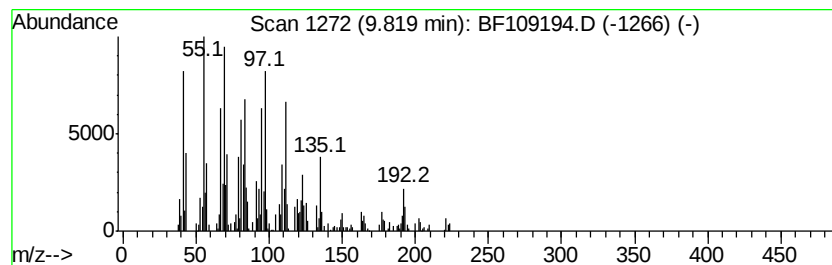
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown9.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.41 ng	279250	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	45
2		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	30
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	30
4		Triacetyl acetate	480	C32H64O2	041755-58-2	30
5		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	25



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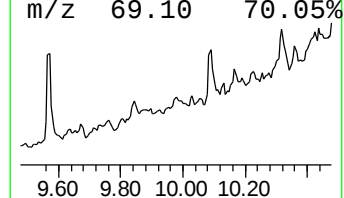
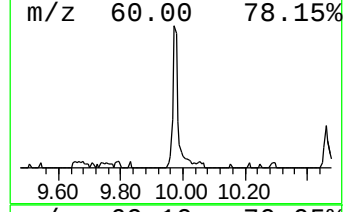
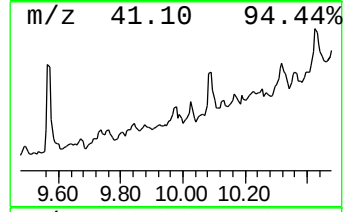
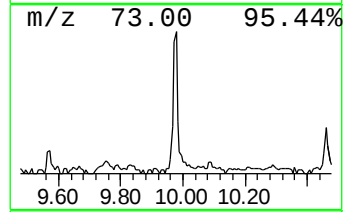
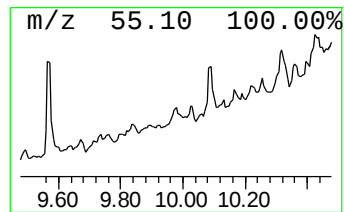
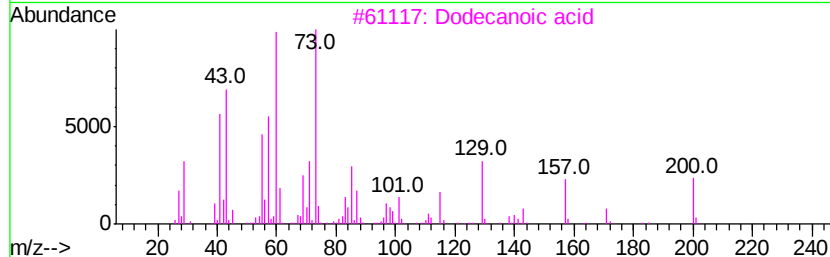
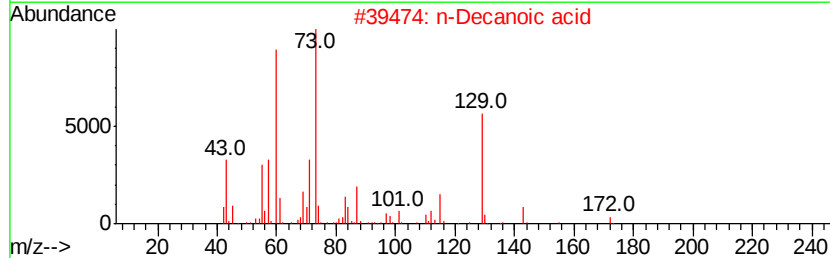
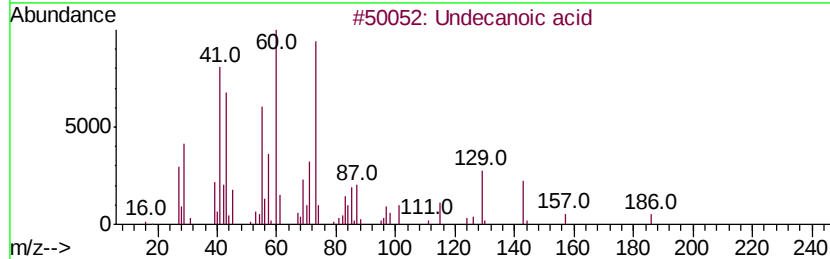
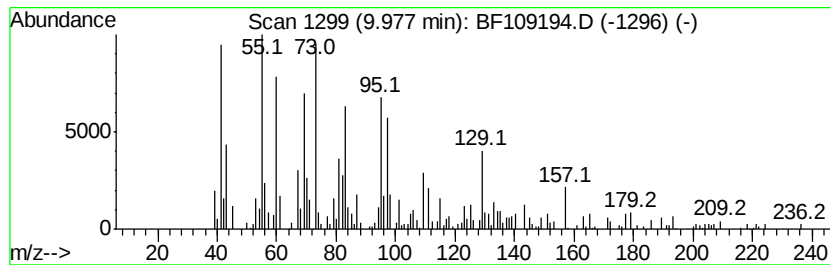
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Peak Number 6 Undecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	3.53 ng	182342	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	50
2			n-Decanoic acid	172	C10H20O2	000334-48-5	41
3			Dodecanoic acid	200	C12H24O2	000143-07-7	38
4			Cetene	224	C16H32	000629-73-2	35
5			Carbonic acid, 2,2,2-trichloroet...	344	C14H23Cl3O3	1000314-55-7	35



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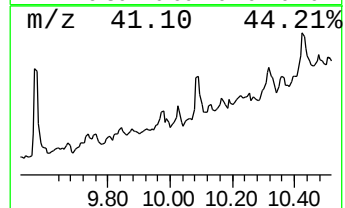
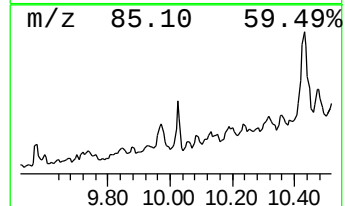
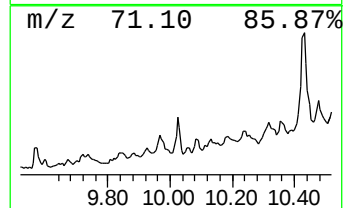
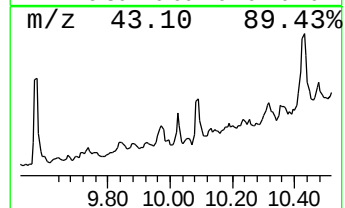
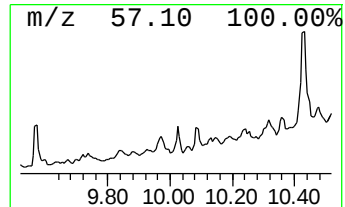
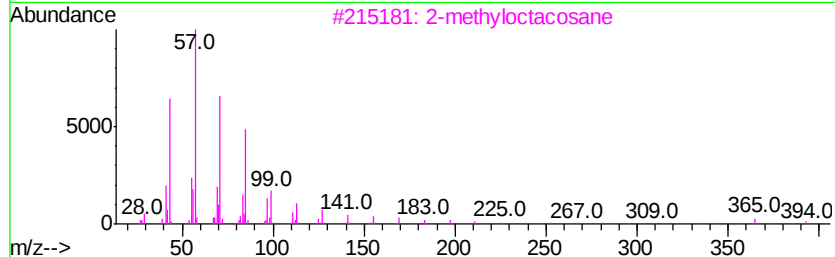
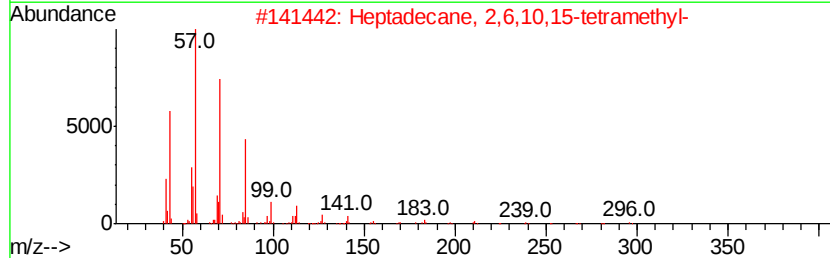
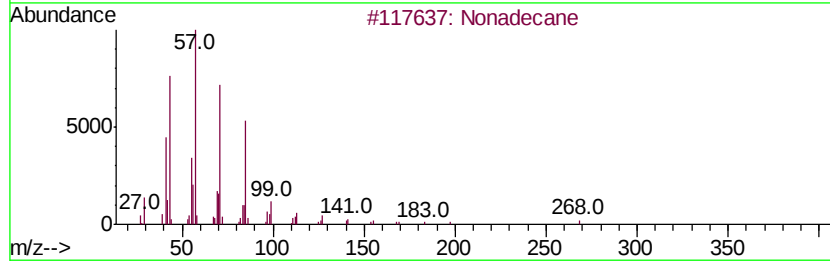
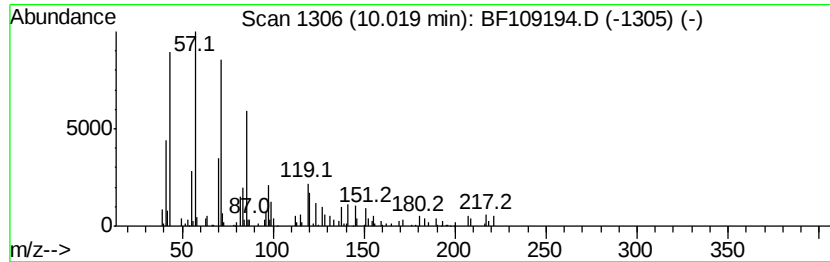
Instrument :
BNA_F
ClientSampleId :
NS-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.07 ng	210122	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 76
2	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 64
3	2-methyloctacosane		408 C29H60	1000376-72-8 59
4	Tetradecane		198 C14H30	000629-59-4 59
5	Dodecane, 2-methyl-6-propyl-		226 C16H34	055045-08-4 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109194.D
Acq On : 20 Sep 2018 20:53
Operator : JU/SJ
Sample : J4993-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

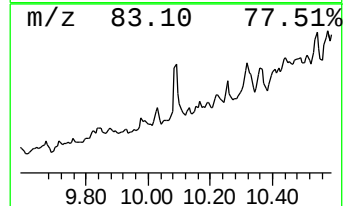
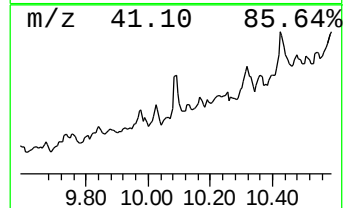
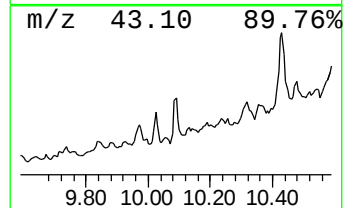
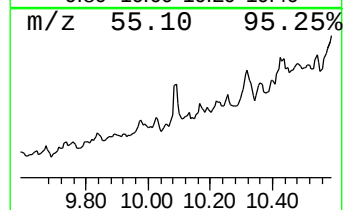
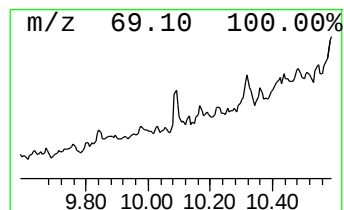
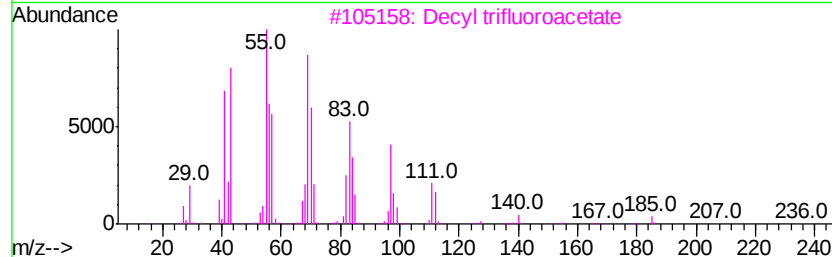
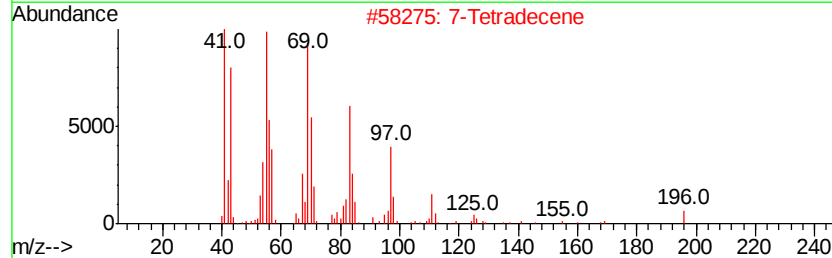
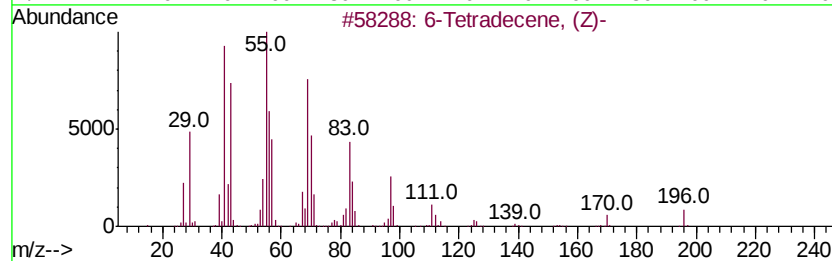
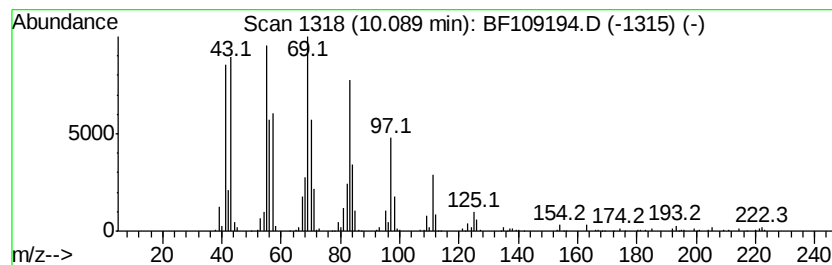
Instrument :
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ClientSampleId :
NS-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 6-Tetradecene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.09	8.50 ng	438465	Acenaphthene-d10	9.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	87
2	7-Tetradecene	196	C14H28	010374-74-0	86
3	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	74
4	1-Undecanol	172	C11H24O	000112-42-5	72
5	1-Tridecene	182	C13H26	002437-56-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109194.D
Acq On : 20 Sep 2018 20:53
Operator : JU/SJ
Sample : J4993-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

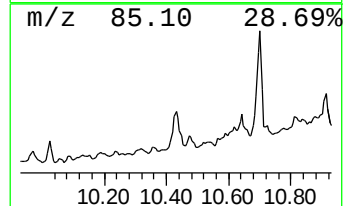
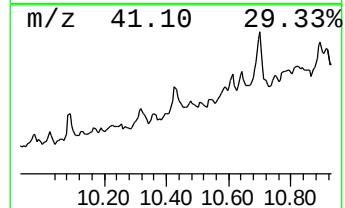
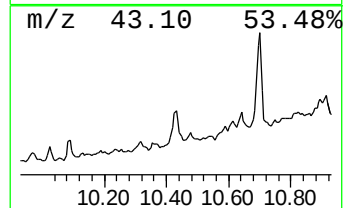
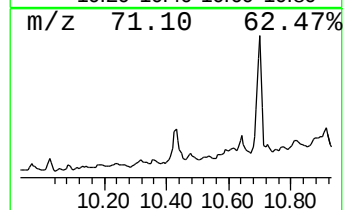
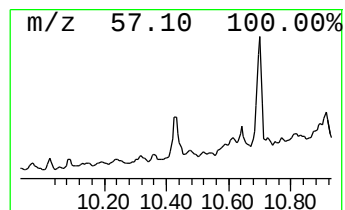
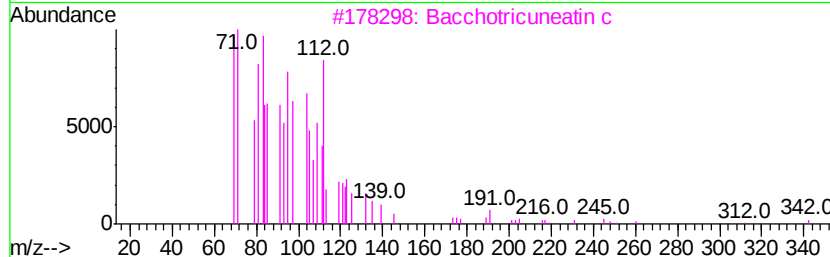
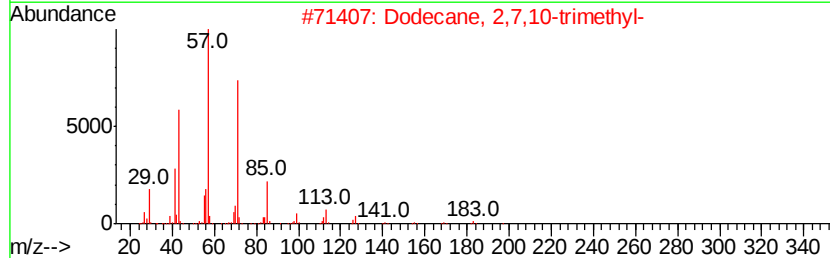
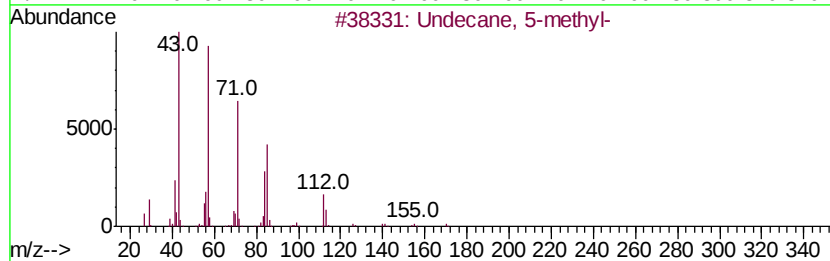
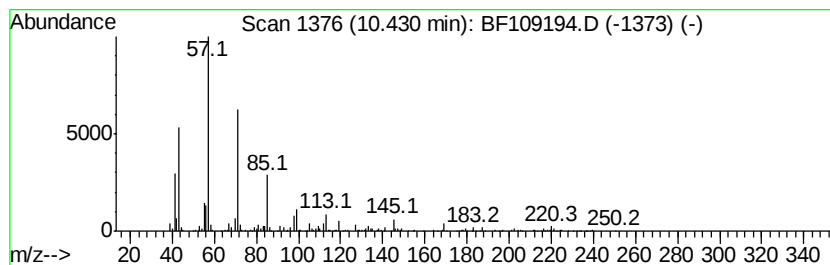
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ClientSampleId :
NS-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	12.31 ng	635085	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5-methyl-	170 C12H26	001632-70-8	53
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	53
3	Bacchotricuneatin c	342 C20H22O5	066563-30-2	52
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	50
5	3,5-Dimethyldodecane	198 C14H30	107770-99-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109194.D
Acq On : 20 Sep 2018 20:53
Operator : JU/SJ
Sample : J4993-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-SLUDGE

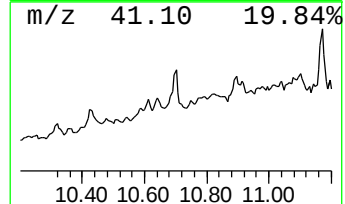
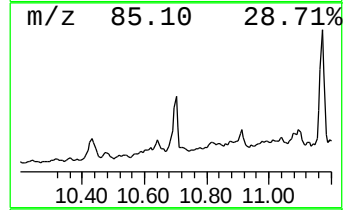
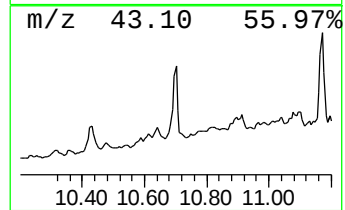
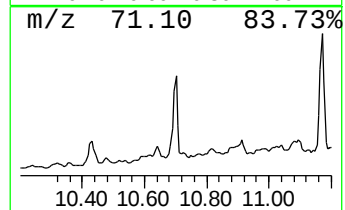
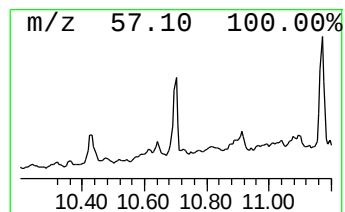
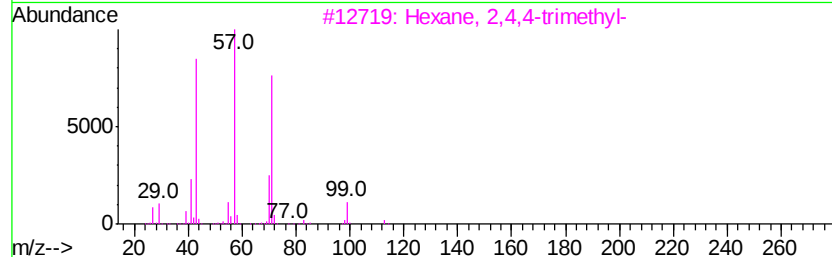
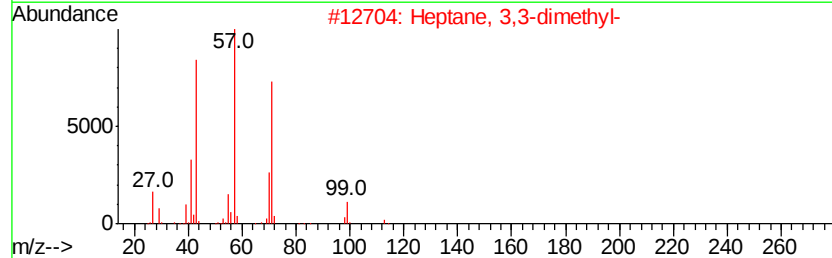
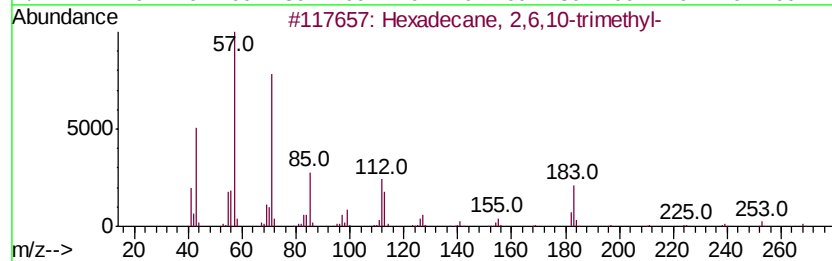
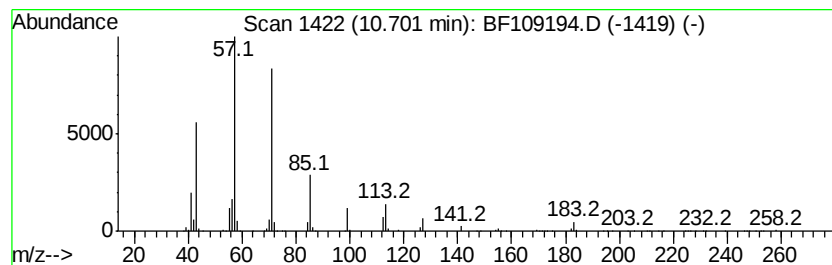
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	13.14 ng	971743	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
2		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53
3		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50
4		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	50
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109194.D
Acq On : 20 Sep 2018 20:53
Operator : JU/SJ
Sample : J4993-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-SLUDGE

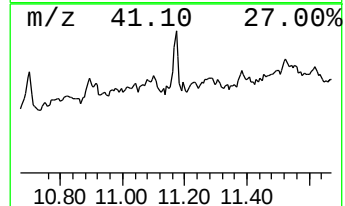
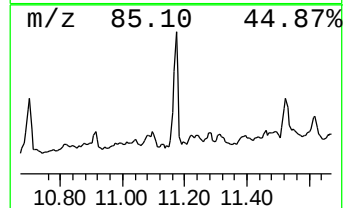
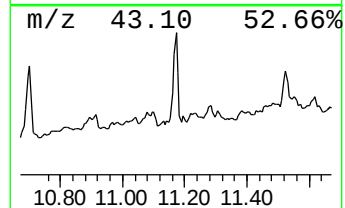
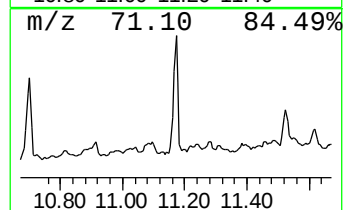
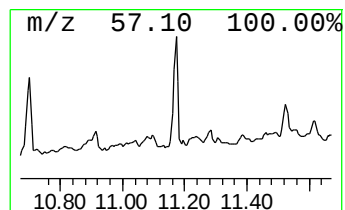
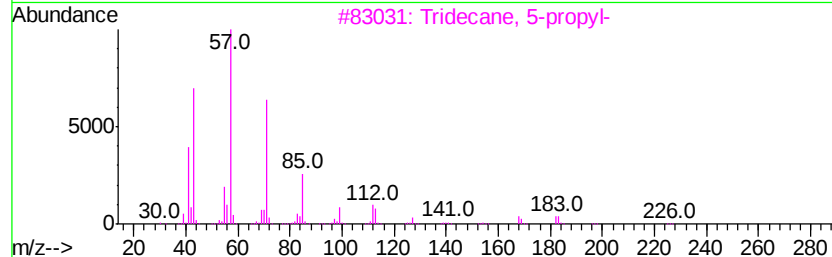
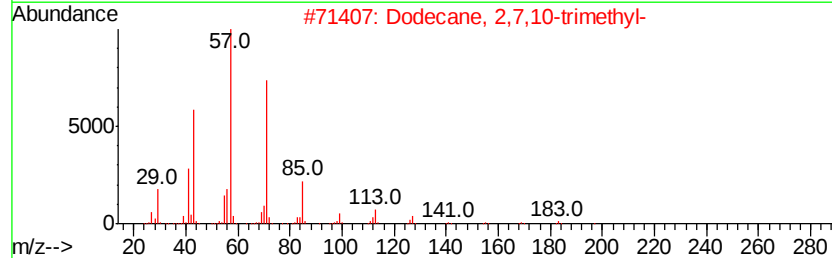
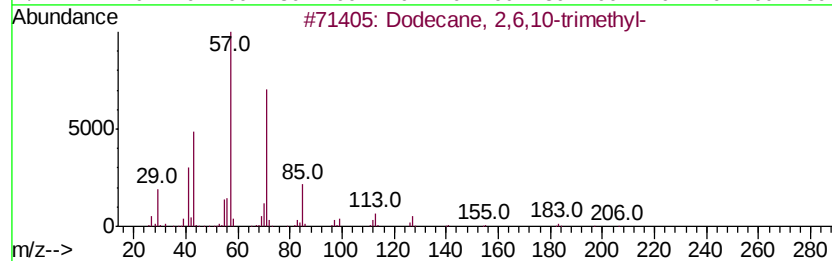
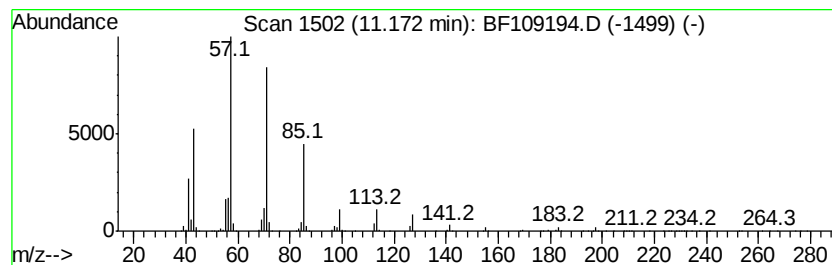
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	20.00 ng	1479290	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
 Data File : BF109194.D
 Acq On : 20 Sep 2018 20:53
 Operator : JU/SJ
 Sample : J4993-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
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Oxirane, [(dodecy...	9.31	2.1	ng	109587	3	9.75	1031730	20.0
1-Decene	9.57	15.1	ng	778195	3	9.75	1031730	20.0
unknown9.82	9.82	5.4	ng	279250	3	9.75	1031730	20.0
Undecanoic acid	9.98	3.5	ng	182342	3	9.75	1031730	20.0
Nonadecane	10.02	4.1	ng	210122	3	9.75	1031730	20.0
6-Tetradecene, (Z)-	10.09	8.5	ng	438465	3	9.75	1031730	20.0
Undecane, 5-methyl-	10.43	12.3	ng	635085	3	9.75	1031730	20.0
Hexadecane, 2,6,1...	10.70	13.1	ng	971743	4	11.24	1479290	20.0
Dodecane, 2,6,10-...	11.17	20.0	ng	1479290	4	11.24	1479290	20.0