

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010319\
 Data File : BF111826.D
 Acq On : 3 Jan 2019 17:38
 Operator : JU/SJ
 Sample : K1017-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF121918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	14	18	24	rBV	87925	108996	2.15%	0.258%
2	3.428	226	228	240	rBV	59481	136514	2.69%	0.324%
3	5.116	511	515	522	rVB	197377	239162	4.72%	0.567%
4	5.534	582	586	590	rBV	4189172	4041174	79.73%	9.579%
5	6.545	752	758	762	rBV	3937191	4099979	80.89%	9.719%
6	6.675	776	780	784	rBV	4706377	4299833	84.84%	10.192%
7	6.898	815	818	822	rBV	1726821	1496323	29.52%	3.547%
8	7.057	841	845	849	rVB	3049539	2730290	53.87%	6.472%
9	7.457	908	913	916	rBV	2262043	2143627	42.29%	5.081%
10	8.186	1031	1037	1040	rBV	2234910	2091866	41.27%	4.959%
11	8.604	1105	1108	1110	rBV	90954	70697	1.39%	0.168%
12	9.204	1207	1210	1213	rBV	116227	82766	1.63%	0.196%
13	9.257	1215	1219	1222	rBV	6216910	5068370	100.00%	12.014%
14	9.339	1229	1233	1238	rBV5	65080	129127	2.55%	0.306%
15	9.528	1261	1265	1268	rBV4	41316	61059	1.20%	0.145%
16	9.645	1282	1285	1290	rVB	904778	829298	16.36%	1.966%
17	9.810	1309	1313	1315	rBV4	54446	64525	1.27%	0.153%
18	9.851	1315	1320	1325	rVV3	65808	107143	2.11%	0.254%
19	9.939	1331	1335	1339	rVB	2734559	2331865	46.01%	5.528%
20	10.133	1365	1368	1374	rBV2	52107	68086	1.34%	0.161%
21	10.257	1386	1389	1391	rBV3	60613	59986	1.18%	0.142%
22	10.351	1401	1405	1406	rBV3	60344	75154	1.48%	0.178%
23	10.586	1441	1445	1450	rVB	159495	186019	3.67%	0.441%
24	10.727	1463	1469	1473	rBV	3748301	3331719	65.74%	7.898%
25	10.851	1486	1490	1494	rBV	348948	368067	7.26%	0.872%
26	11.063	1523	1526	1531	rVB5	68613	75687	1.49%	0.179%
27	11.169	1541	1544	1548	rBV5	33357	60171	1.19%	0.143%
28	11.322	1566	1570	1575	rVB	187201	225144	4.44%	0.534%
29	11.422	1584	1587	1590	rBV	2224317	2040912	40.27%	4.838%
30	11.945	1673	1676	1679	rVB2	80691	80118	1.58%	0.190%
31	12.510	1769	1772	1778	rVB2	70540	70361	1.39%	0.167%
32	13.004	1852	1856	1860	rBV	2885440	2585639	51.02%	6.129%
33	13.580	1951	1954	1956	rBV	75271	62805	1.24%	0.149%
34	13.904	2005	2009	2018	rBV2	190707	277147	5.47%	0.657%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.063	2032	2036	2039	rBV	1191973	1072753	21.17%	2.543%
36	14.227	2061	2064	2066	rVB	90044	81534	1.61%	0.193%
37	14.445	2098	2101	2106	rBV6	58292	67977	1.34%	0.161%
38	14.533	2113	2116	2121	rVB	115126	113577	2.24%	0.269%
39	14.845	2166	2169	2173	rVB	92569	80715	1.59%	0.191%
40	15.192	2225	2228	2232	rBV	85815	149266	2.95%	0.354%
41	15.557	2285	2290	2303	rVB	657003	921161	18.17%	2.184%

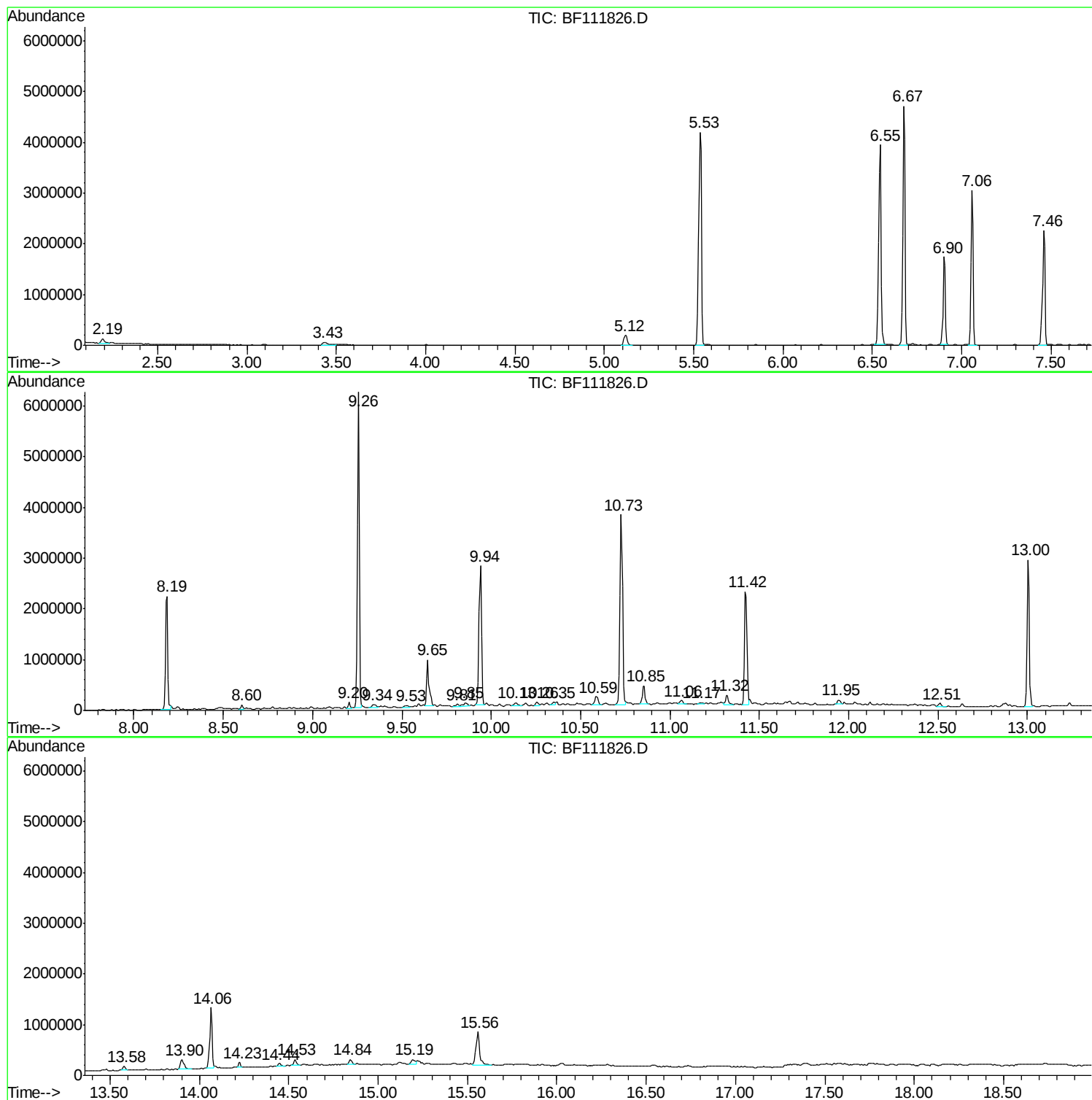
Sum of corrected areas: 42186612

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

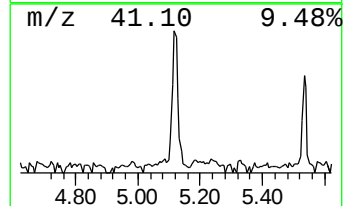
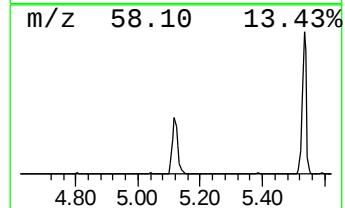
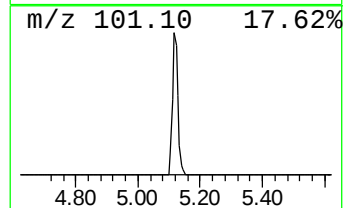
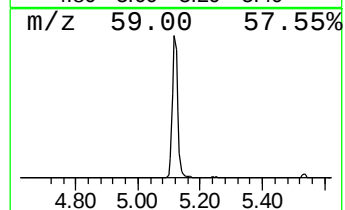
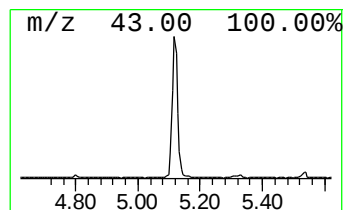
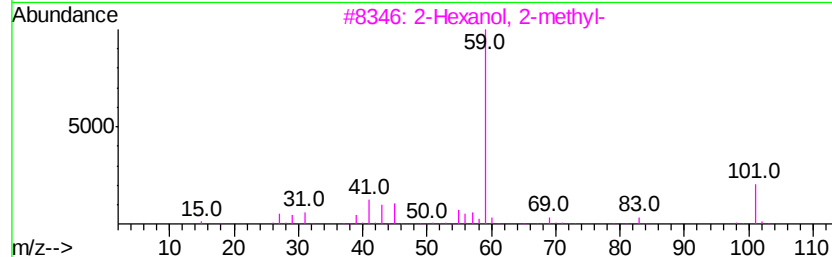
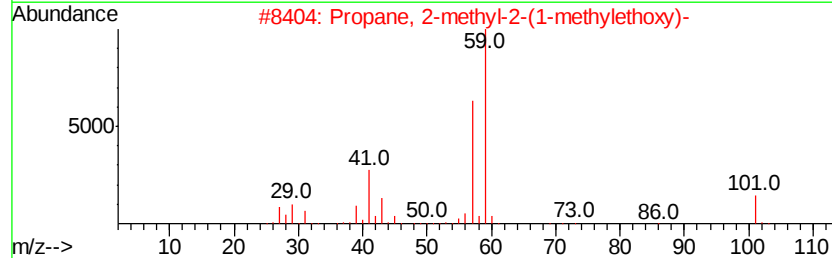
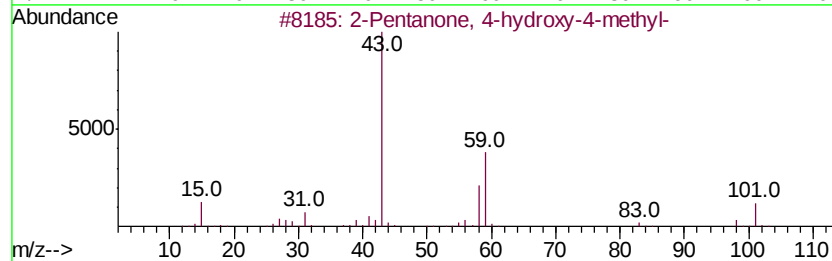
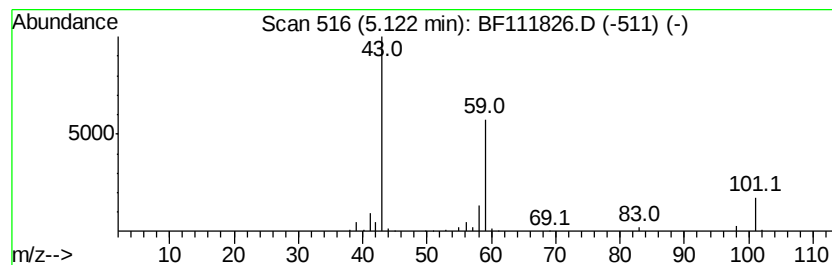
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.20 ng	239162	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

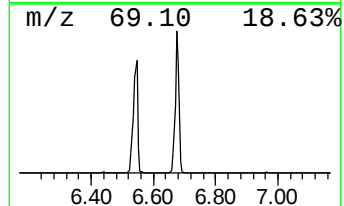
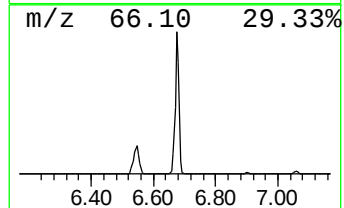
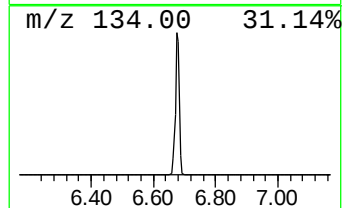
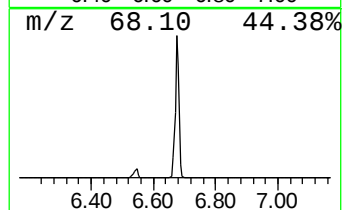
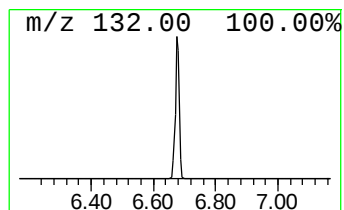
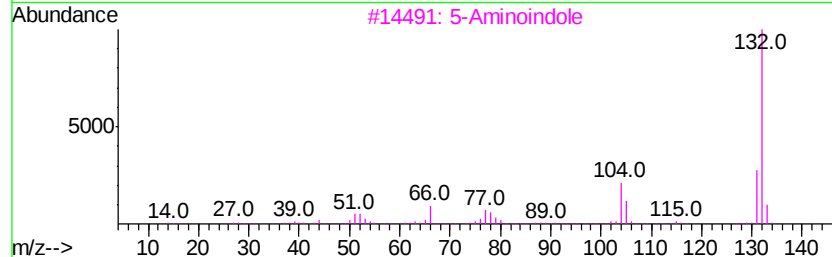
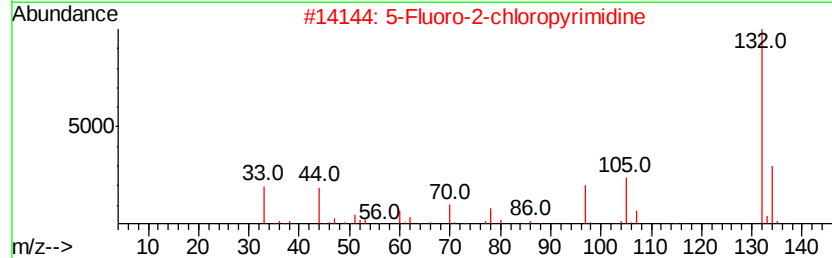
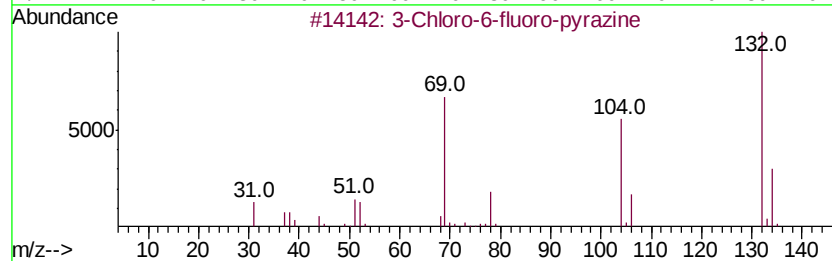
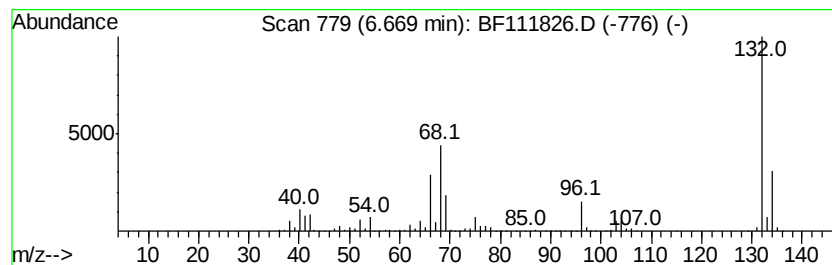
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	57.47 ng	4299830	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

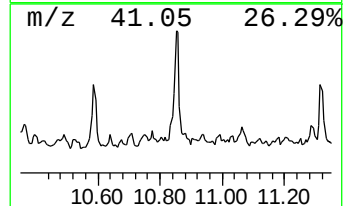
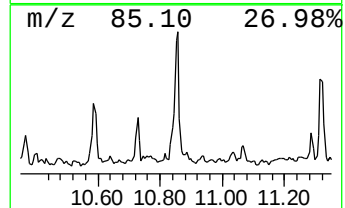
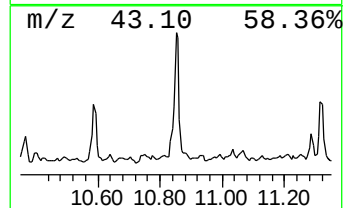
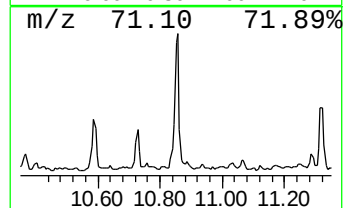
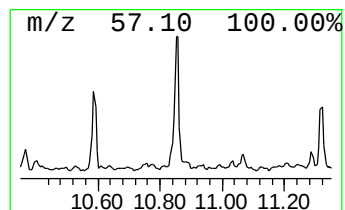
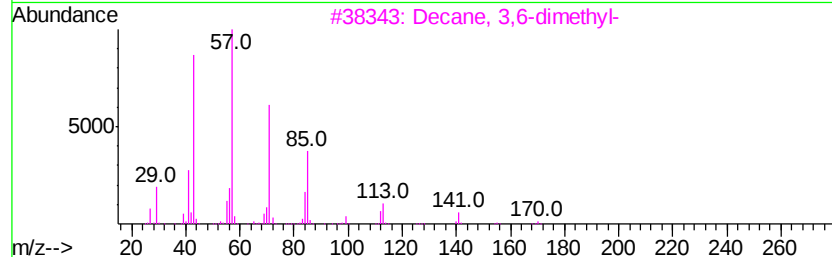
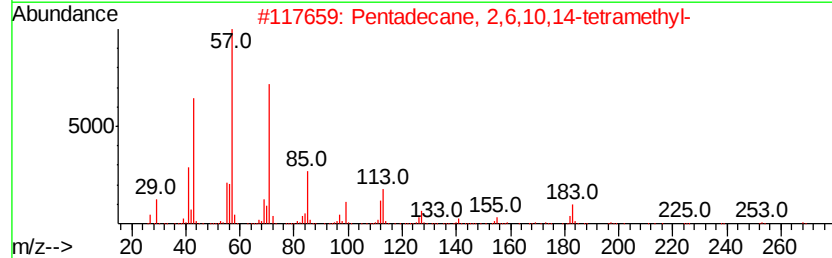
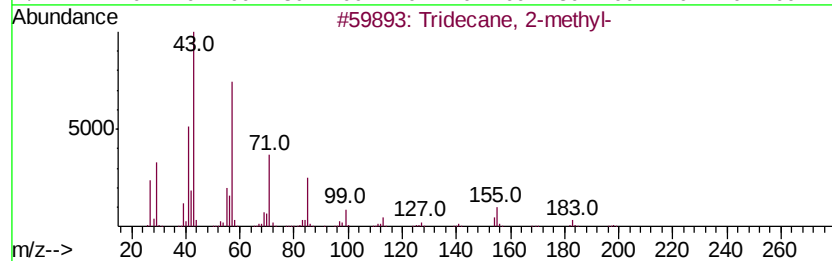
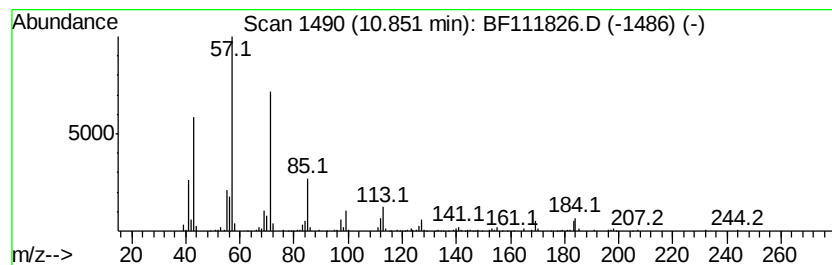
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	3.61 ng	368067	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
4	Eicosane	282	C20H42	000112-95-8	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

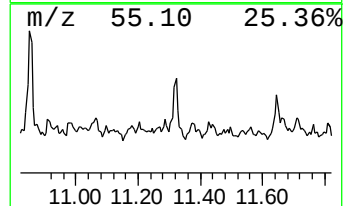
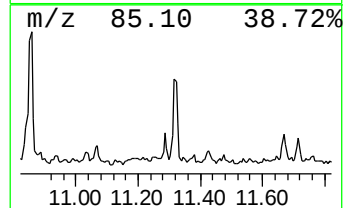
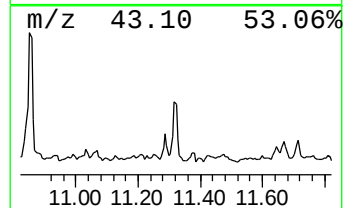
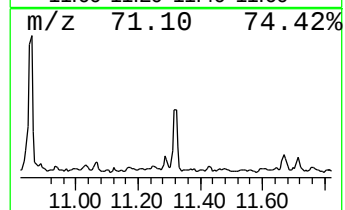
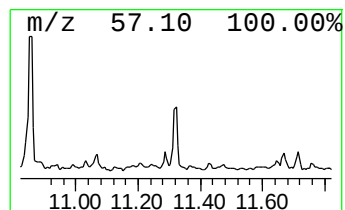
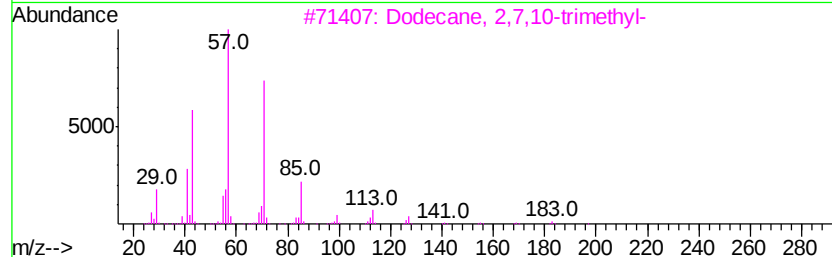
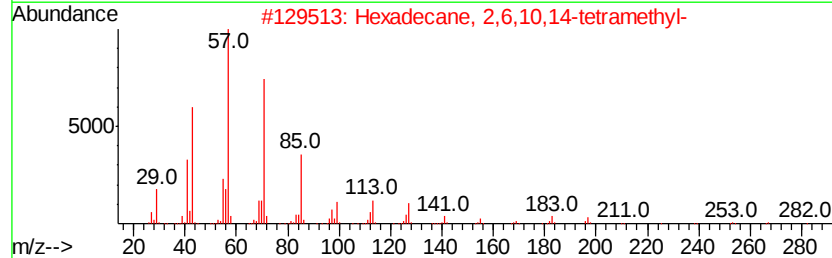
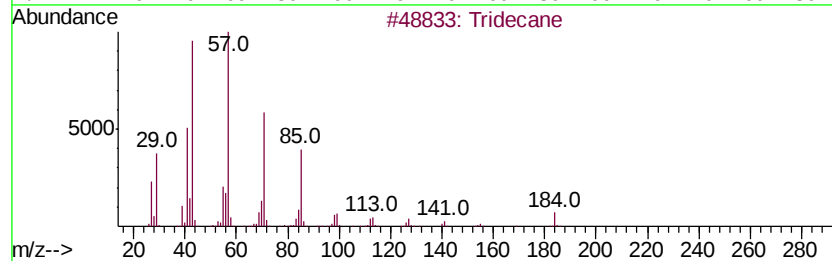
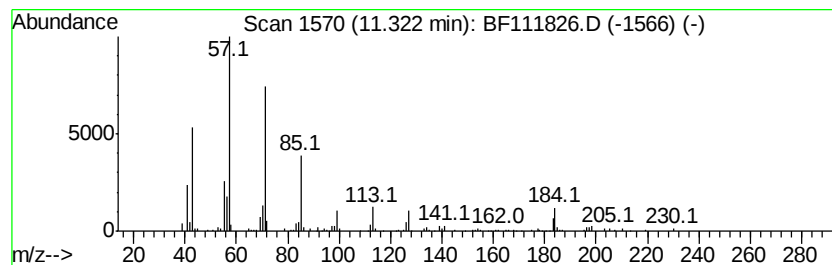
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.32	2.21 ng	225144	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

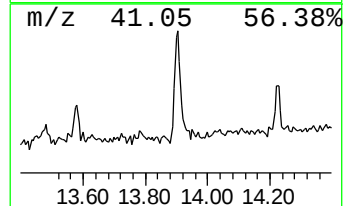
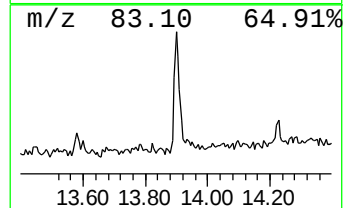
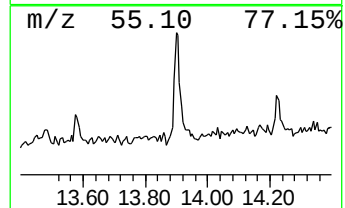
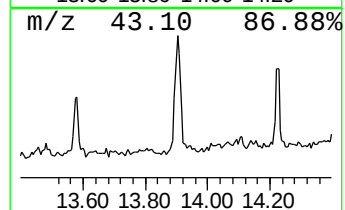
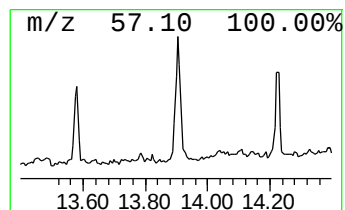
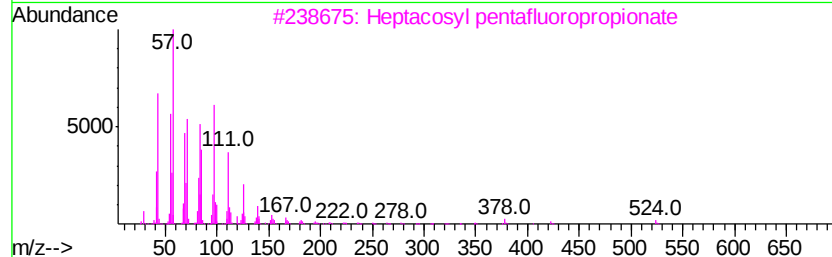
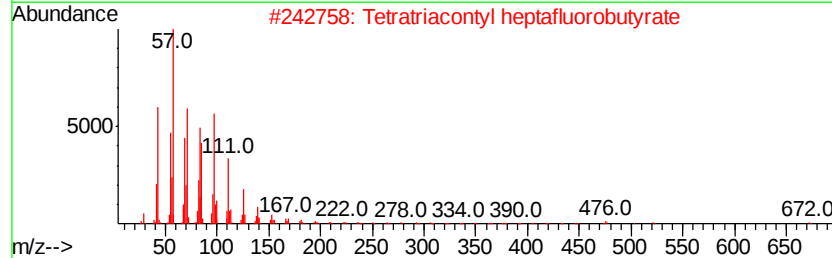
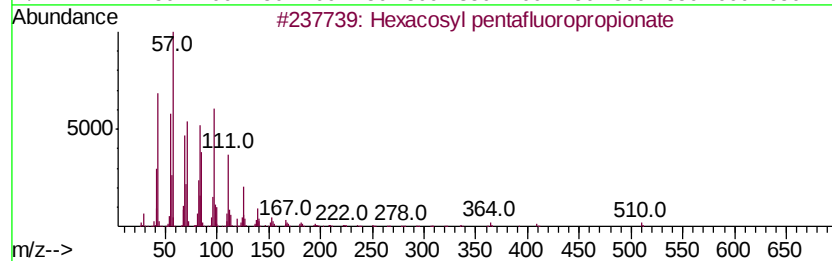
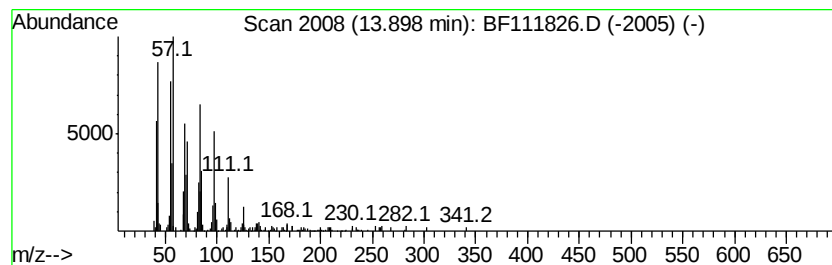
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosyl pentafluoropropio... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.17 ng	277147	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
2		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
3		Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	91
4		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
5		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

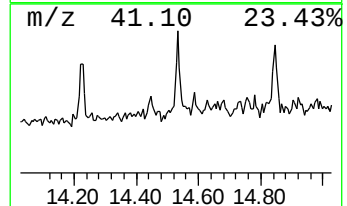
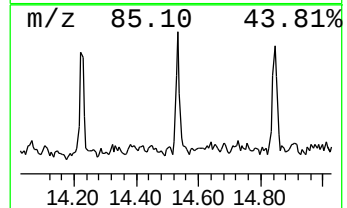
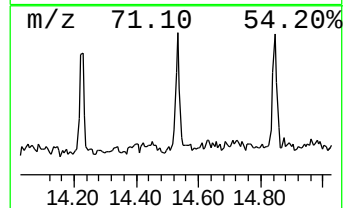
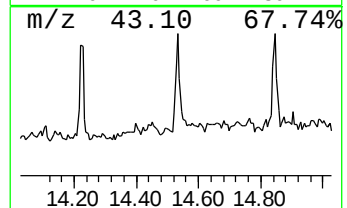
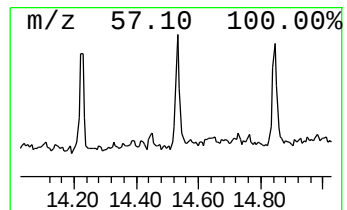
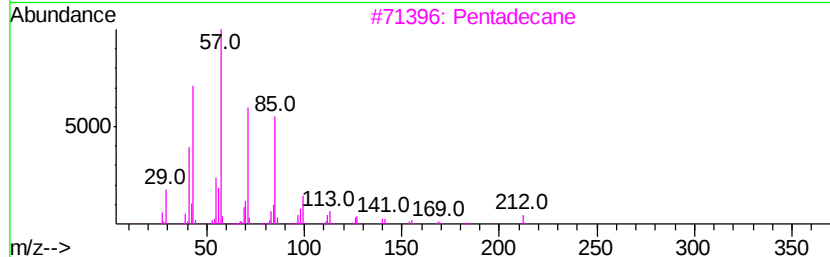
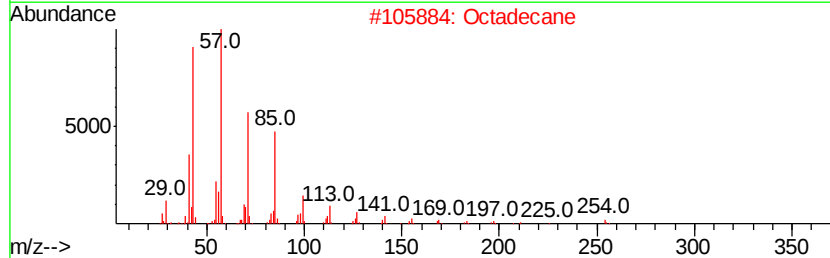
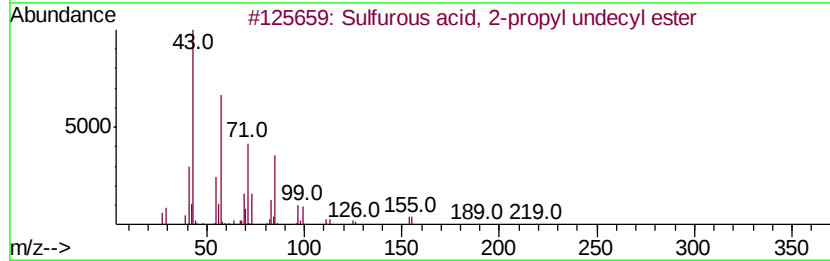
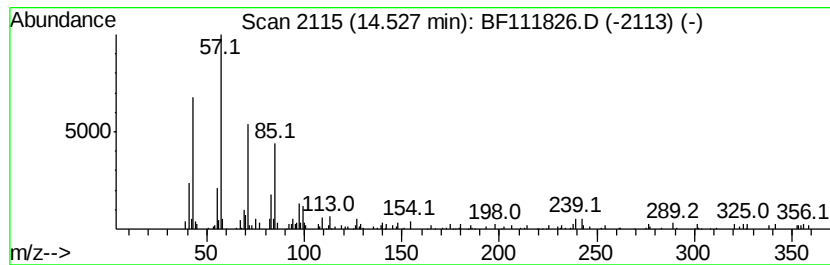
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, 2-propyl un... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.12 ng	113577	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	80
2		Octadecane	254	C18H38	000593-45-3	80
3		Pentadecane	212	C15H32	000629-62-9	74
4		Octacosane	394	C28H58	000630-02-4	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

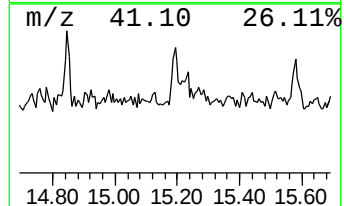
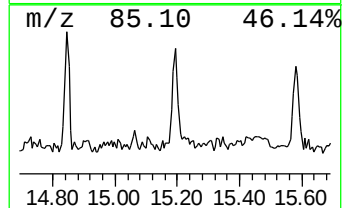
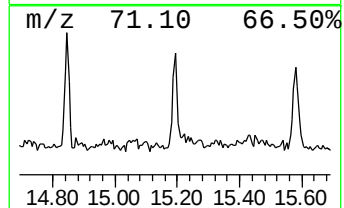
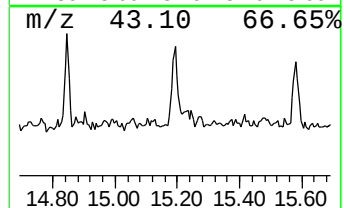
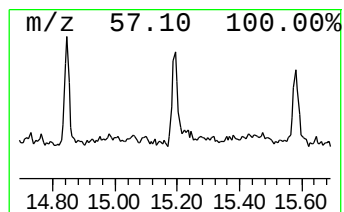
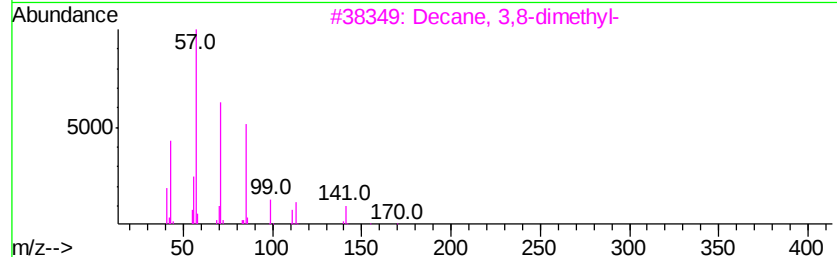
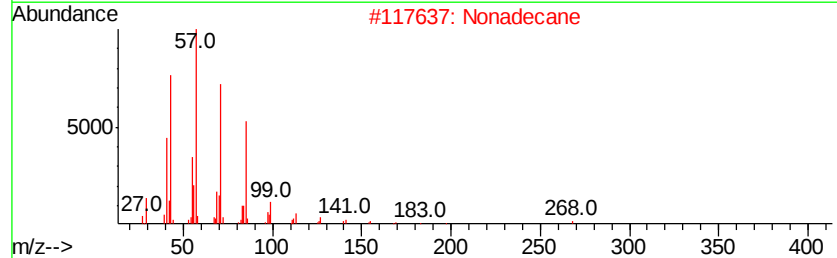
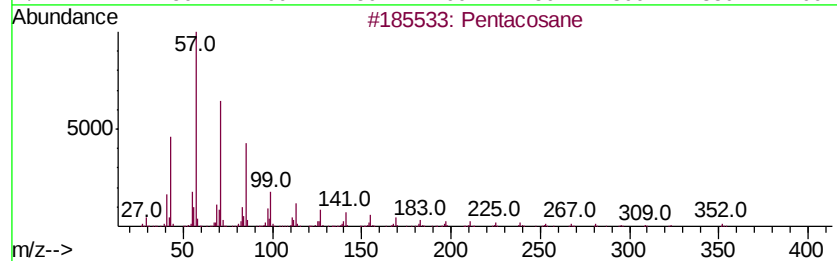
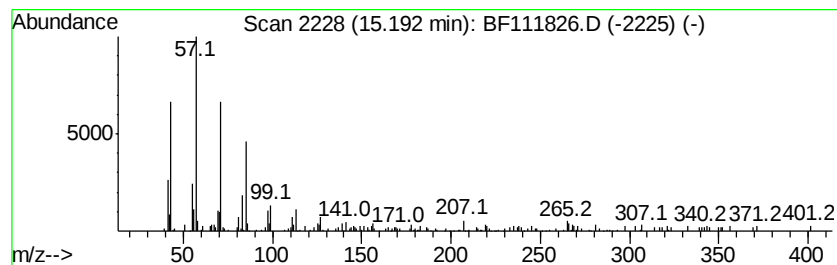
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.24 ng	149266	Perylene-d12	15.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	87
2	Nonadecane		268	C19H40	000629-92-5	83
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	81
4	Sulfurous acid, butyl tetradecyl...		334	C18H38O3S	1000309-18-1	80
5	Heptadecane		240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010319\
Data File : BF111826.D
Acq On : 3 Jan 2019 17:38
Operator : JU/SJ
Sample : K1017-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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...	5.12	3.2	ng	239162	1	6.90	1496320	20.0
unknown6.67	6.67	57.5	ng	4299830	1	6.90	1496320	20.0
Tridecane, 2-methyl-	10.85	3.6	ng	368067	4	11.42	2040910	20.0
Tridecane	11.32	2.2	ng	225144	4	11.42	2040910	20.0
Hexacosyl pentafl...	13.90	5.2	ng	277147	5	14.06	1072750	20.0
Sulfurous acid, 2...	14.53	2.1	ng	113577	5	14.06	1072750	20.0
Pentacosane	15.19	3.2	ng	149266	6	15.56	921161	20.0