

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
 Data File : BF117816.D
 Acq On : 15 Nov 2019 21:19
 Operator : JU
 Sample : K5861-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-19

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-BF111319.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	2.181	11	16	23	rVB	888985	1187750	17.65%	2.127%
2	5.134	509	518	528	rBV	877452	1151085	17.11%	2.061%
3	5.528	580	585	589	rBV	4781938	5202690	77.31%	9.315%
4	6.539	751	757	761	rBV	5294581	5668060	84.23%	10.148%
5	6.686	777	782	785	rBV	5916404	5513940	81.94%	9.872%
6	6.916	818	821	825	rVB	1391384	1233326	18.33%	2.208%
7	7.075	844	848	852	rBV	5046834	4401959	65.41%	7.881%
8	7.481	912	917	920	rBV	3760907	3387350	50.34%	6.065%
9	8.204	1036	1040	1044	rBV	1938126	1581123	23.50%	2.831%
10	9.286	1219	1224	1227	rBV	7211339	6374370	94.72%	11.413%
11	9.398	1238	1243	1253	rVB2	237576	229382	3.41%	0.411%
12	9.675	1287	1290	1294	rBV	497291	381566	5.67%	0.683%
13	9.969	1336	1340	1343	rBV	2156867	1833341	27.24%	3.282%
14	10.757	1470	1474	1477	rBV	4595888	4188006	62.23%	7.498%
15	11.457	1589	1593	1597	rBV	2184048	1910230	28.39%	3.420%
16	11.980	1679	1682	1687	rBV	364917	356975	5.30%	0.639%
17	12.510	1768	1772	1777	rBV	168624	328280	4.88%	0.588%
18	12.704	1798	1805	1809	rBV	100212	110352	1.64%	0.198%
19	12.768	1813	1816	1821	rBV	76299	97496	1.45%	0.175%
20	12.927	1839	1843	1852	rBV2	72399	118231	1.76%	0.212%
21	13.051	1859	1864	1867	rBV	7163599	6729364	100.00%	12.048%
22	13.957	2012	2018	2033	rBV5	106829	360631	5.36%	0.646%
23	14.104	2039	2043	2047	rBV	1716481	1568326	23.31%	2.808%
24	14.974	2188	2191	2196	rVB	128922	132421	1.97%	0.237%
25	15.251	2234	2238	2242	rVB	65140	73432	1.09%	0.131%
26	15.609	2294	2299	2304	rBV	1191828	1572653	23.37%	2.816%
27	15.651	2304	2306	2315	rVB	71363	88146	1.31%	0.158%
28	16.109	2379	2384	2391	rBV3	45393	72479	1.08%	0.130%

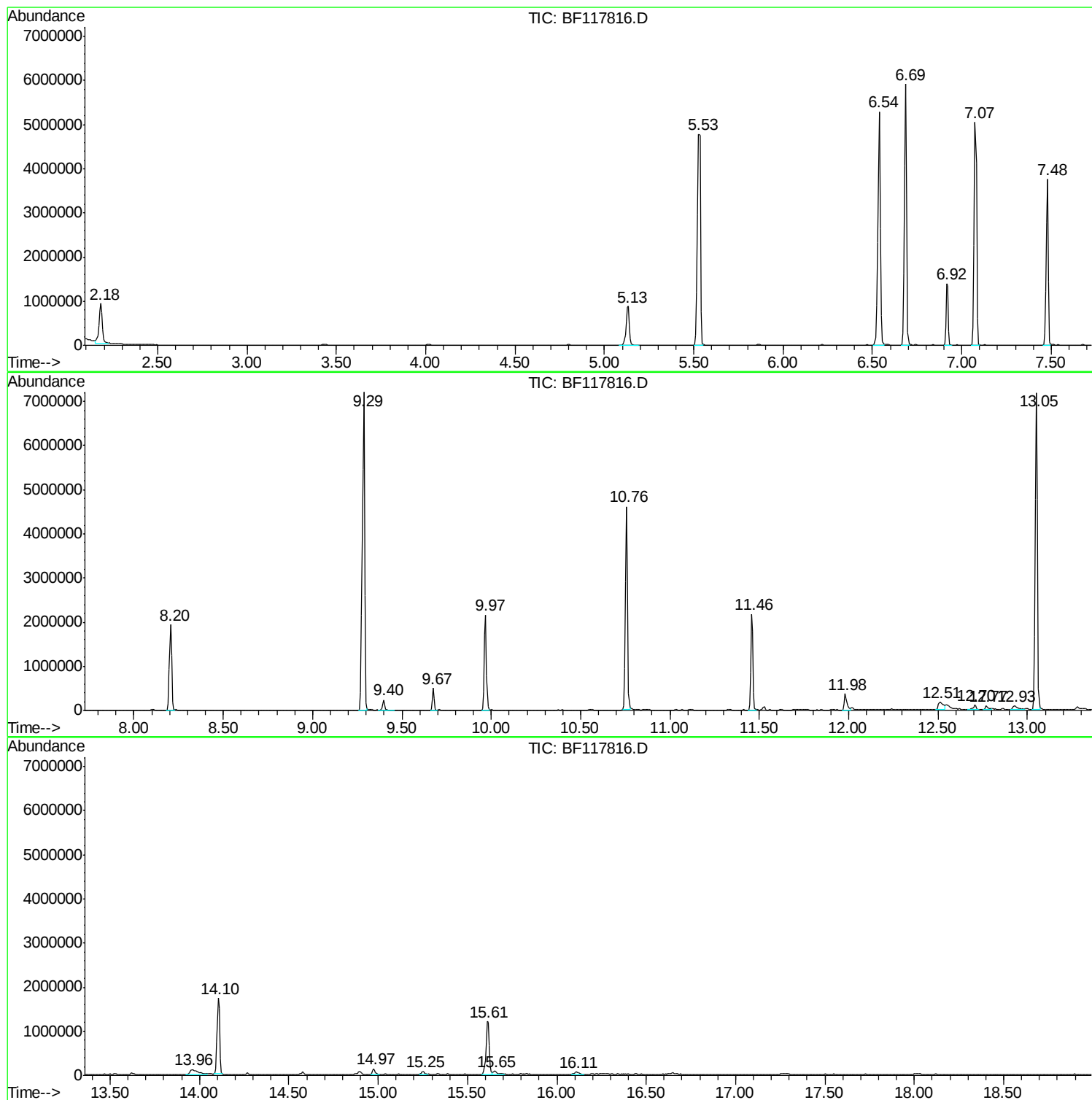
Sum of corrected areas: 55852964

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.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\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

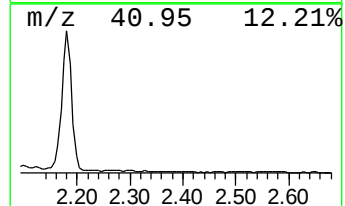
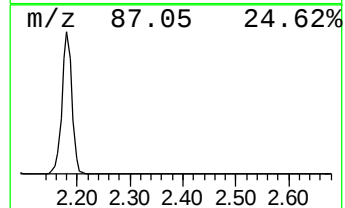
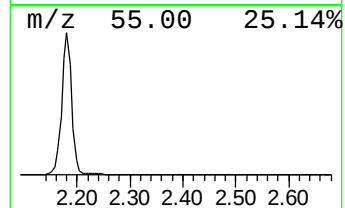
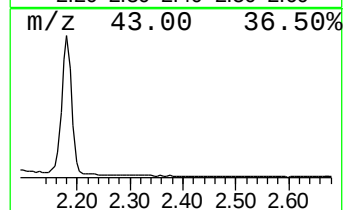
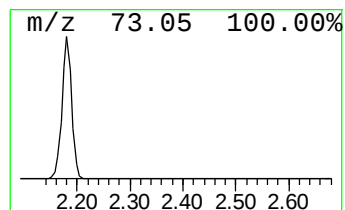
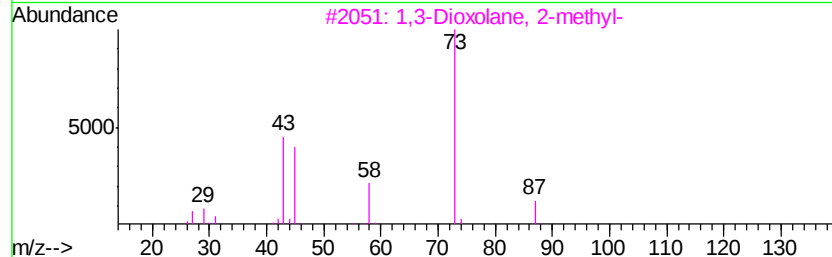
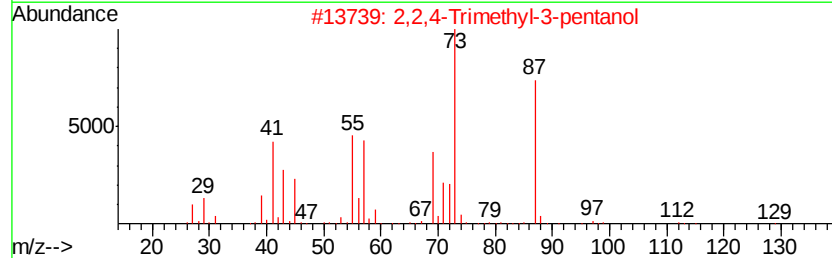
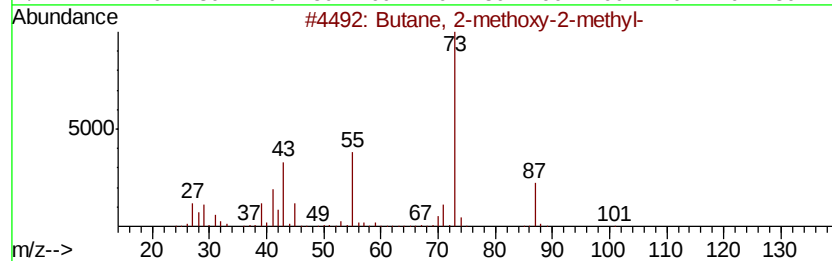
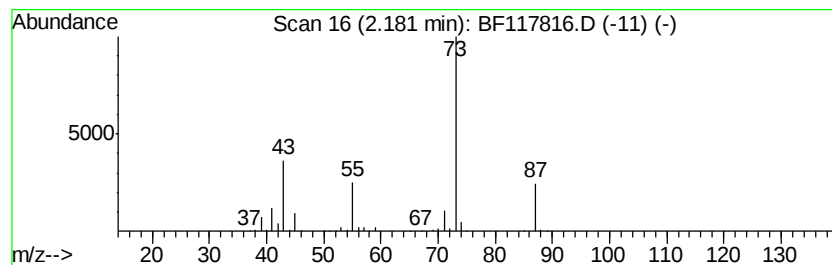
Instrument :
BNA_F
ClientSampleId :
EP-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	19.26 ng	1187750	1,4-Dichlorobenzene-d4	6.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 83
2		2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1 40
3		1,3-Dioxolane, 2-methyl-	88 C4H8O2	000497-26-7 25
4		Pentane, 3-methoxy-	102 C6H14O	036839-67-5 17
5		Silane, tetramethyl-	88 C4H12Si	000075-76-3 12



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-19

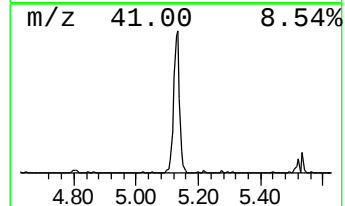
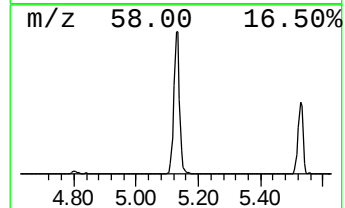
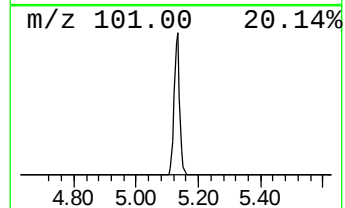
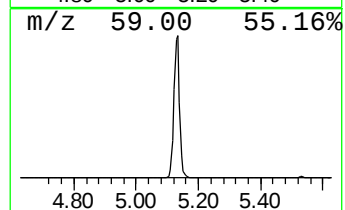
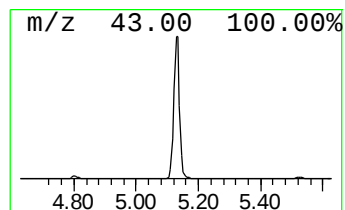
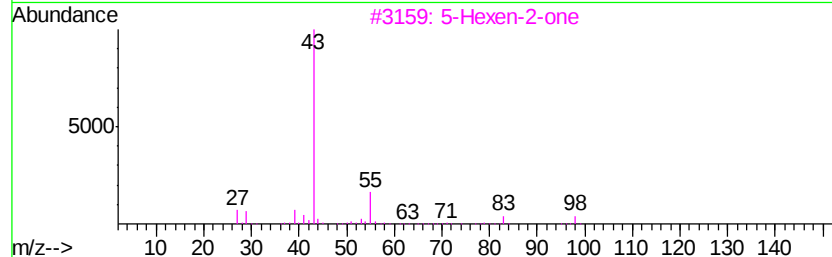
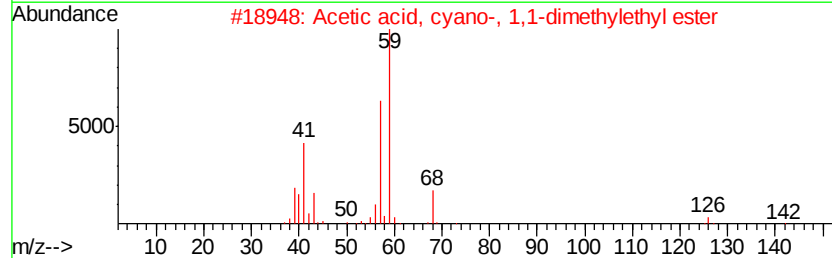
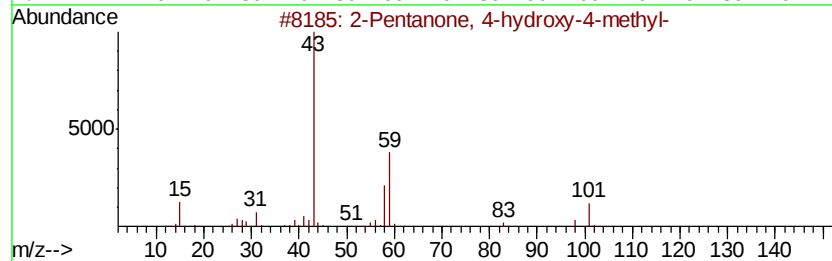
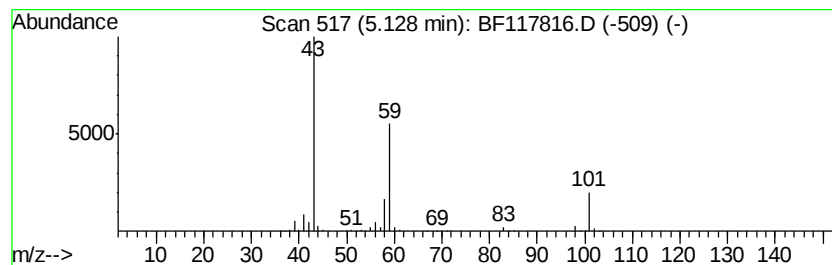
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	18.67 ng	1151090	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-19

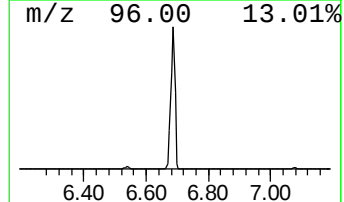
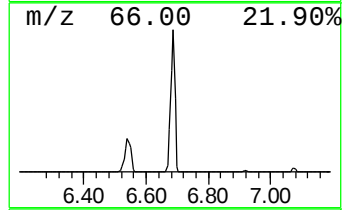
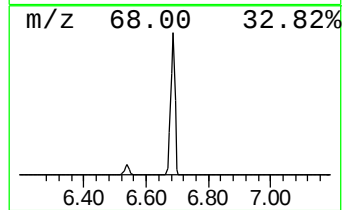
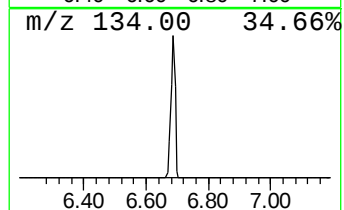
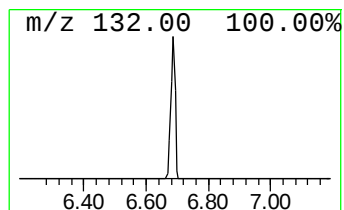
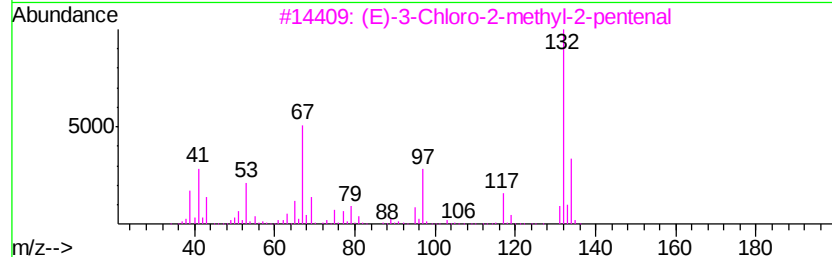
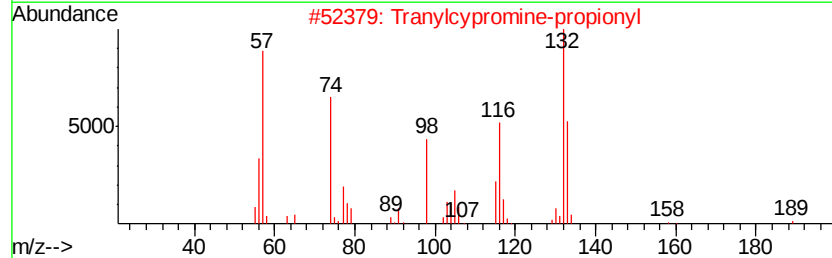
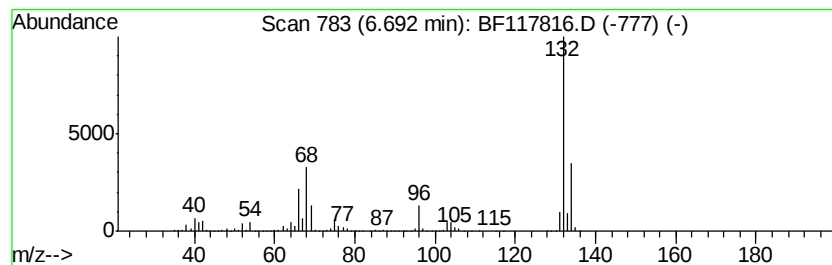
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	89.42 ng	5513940	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranvlcyppromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-19

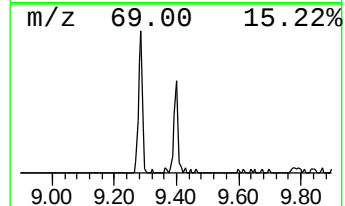
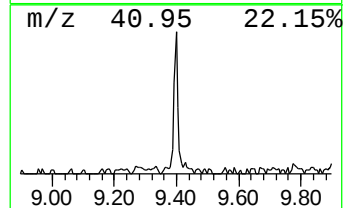
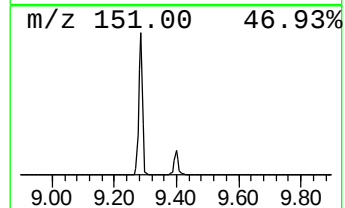
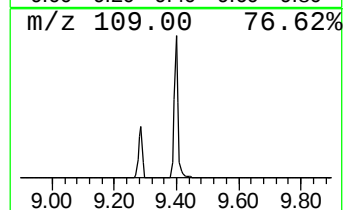
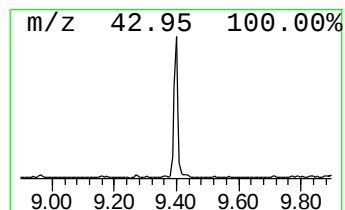
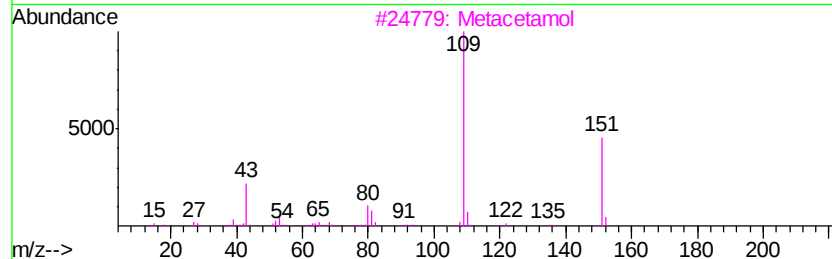
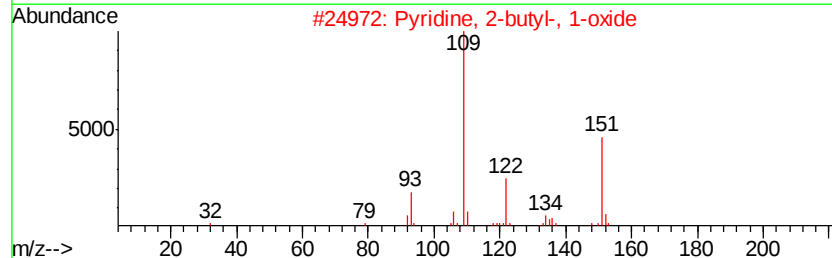
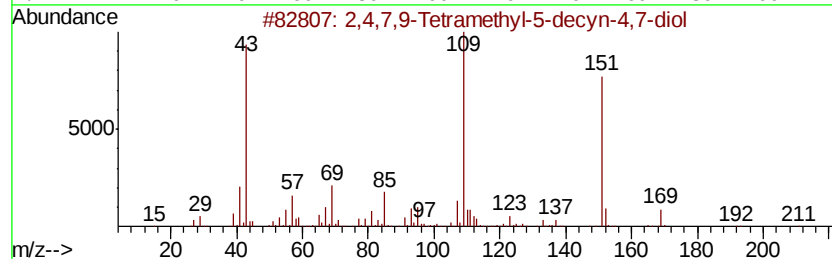
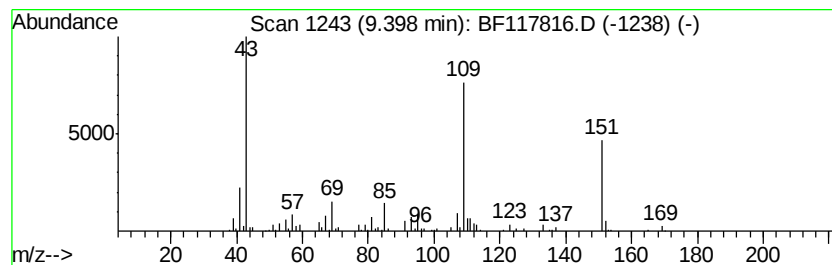
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.50 ng	229382	Acenaphthene-d10	9.97

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	64
3		Metacetamol	151	C8H9NO2	000621-42-1	59
4		Acetaminophen	151	C8H9NO2	000103-90-2	59
5		m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

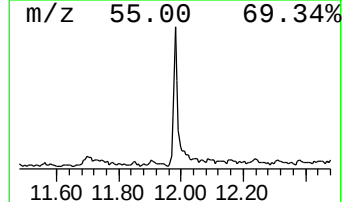
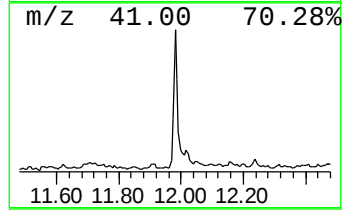
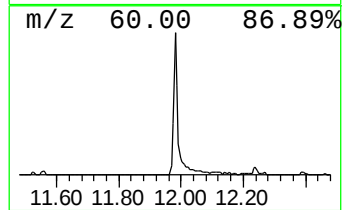
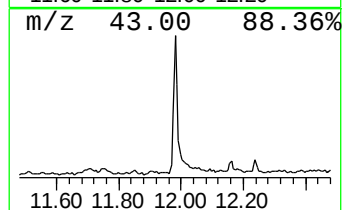
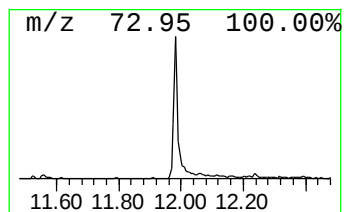
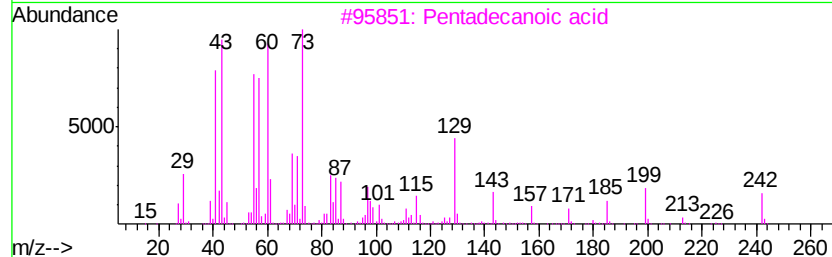
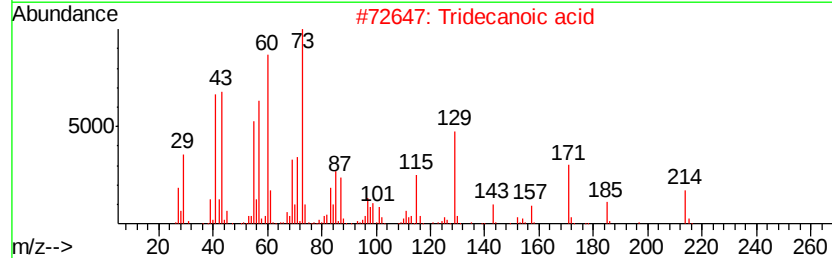
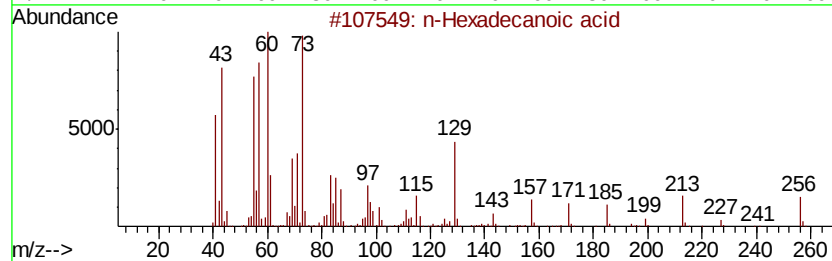
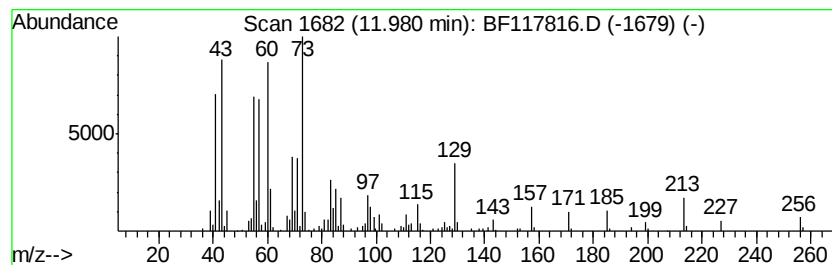
Instrument :
BNA_F
ClientSampleId :
EP-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	3.74 ng	356975	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Nonanoic acid	158	C9H18O2	000112-05-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

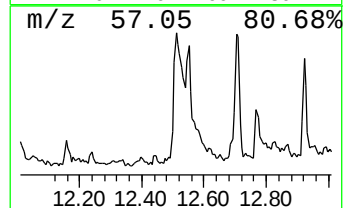
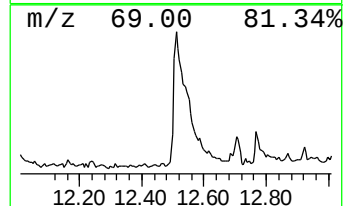
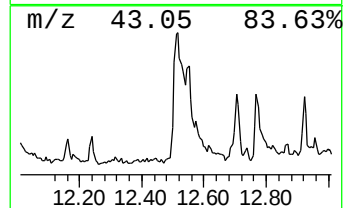
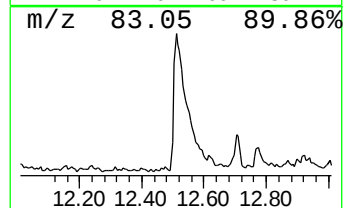
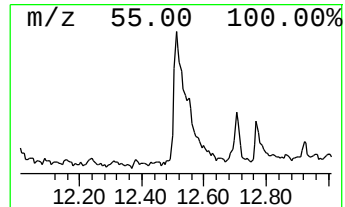
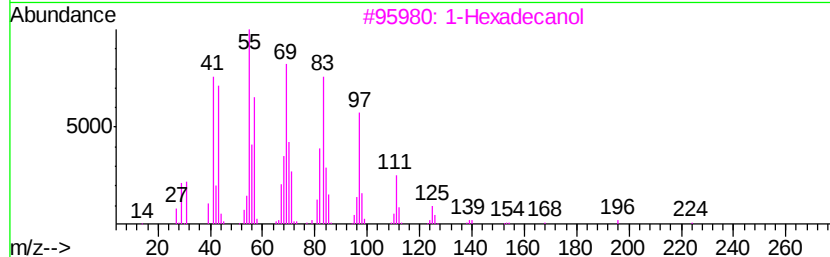
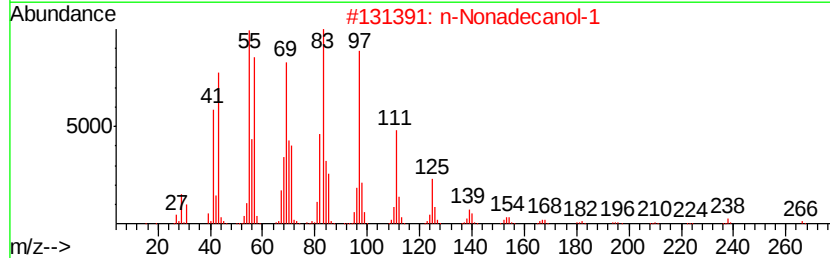
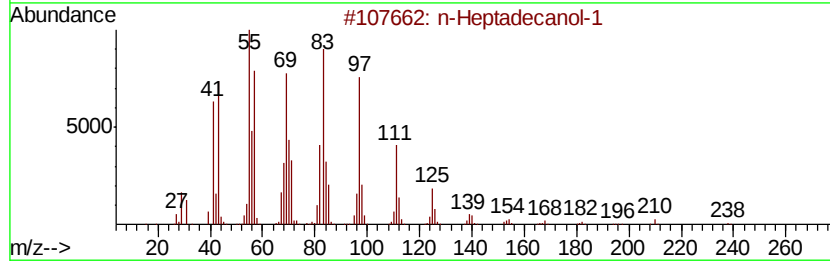
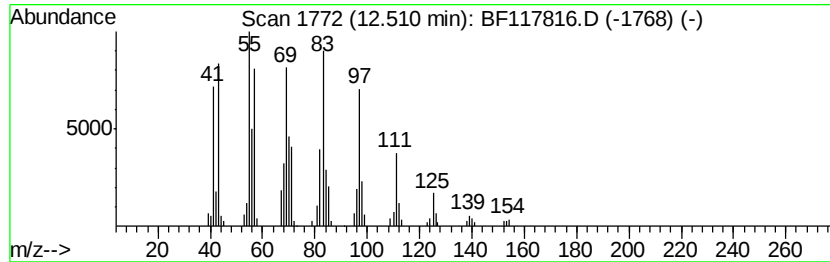
Instrument :
BNA_F
ClientSampleId :
EP-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Heptadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.51	3.44 ng	328280	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-19

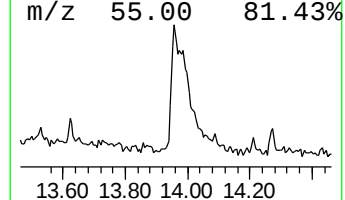
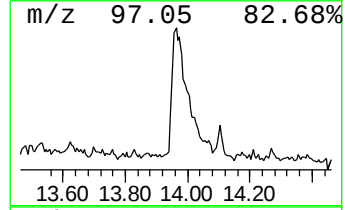
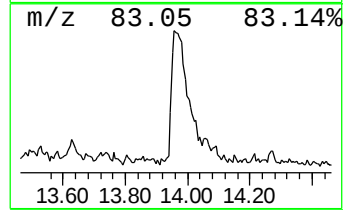
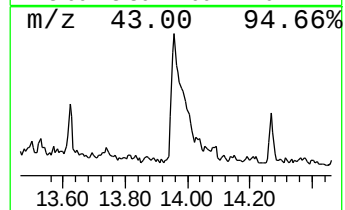
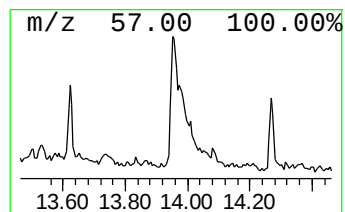
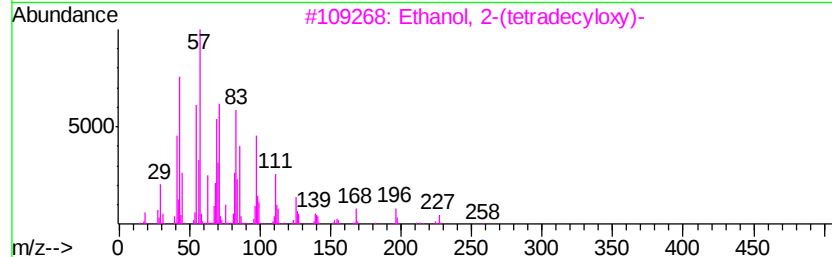
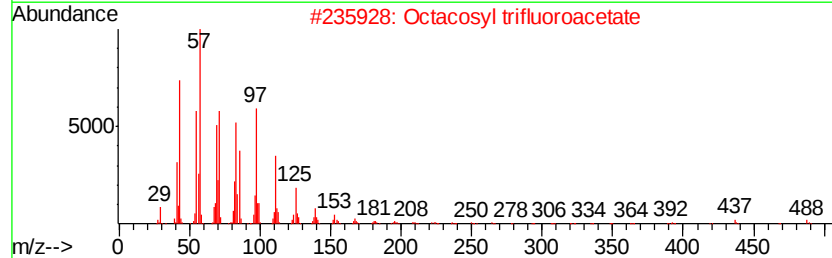
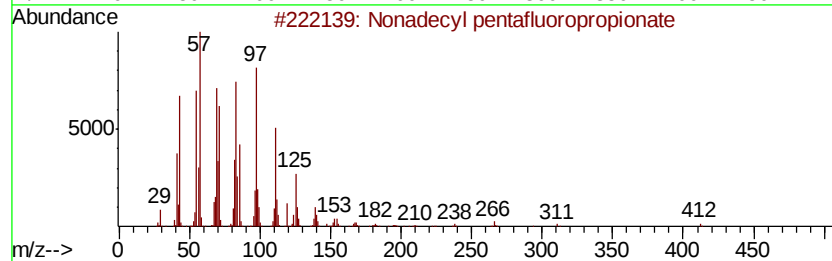
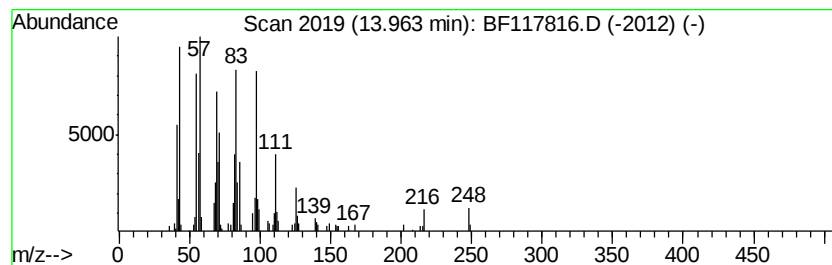
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecyl pentafluoropropio... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.60 ng	360631	Chrysene-d12	14.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	83
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	81
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
4		Tetracosyl heptafluorobutyrte	550	C28H49F7O2	1000351-83-7	81
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
Data File : BF117816.D
Acq On : 15 Nov 2019 21:19
Operator : JU
Sample : K5861-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.18	19.3	ng	1187750	1	6.92	1233330	20.0
2-Pentanone, 4-hy...	5.13	18.7	ng	1151090	1	6.92	1233330	20.0
unknown6.69	6.69	89.4	ng	5513940	1	6.92	1233330	20.0
2,4,7,9-Tetrameth...	9.40	2.5	ng	229382	3	9.97	1833340	20.0
n-Hexadecanoic acid	11.98	3.7	ng	356975	4	11.46	1910230	20.0
n-Heptadecanol-1	12.51	3.4	ng	328280	4	11.46	1910230	20.0
Nonadecyl pentafl...	13.96	4.6	ng	360631	5	14.10	1568330	20.0