

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098742.D
 Acq On : 23 Sep 2017 16:41
 Operator : SJ/JU
 Sample : I5335-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-CONCRETE

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.257	25	29	40	rVB	86510	135322	3.34%	0.412%
2	5.157	517	522	532	rBV	504811	661015	16.32%	2.012%
3	5.539	582	587	590	rBV	3161038	3347128	82.66%	10.190%
4	6.539	751	757	760	rBV	3082186	3519790	86.93%	10.716%
5	6.686	777	782	786	rBV	3228421	3522532	86.99%	10.724%
6	6.922	818	822	825	rBV	1149546	953428	23.55%	2.903%
7	7.075	844	848	852	rBV	2828045	2822118	69.70%	8.592%
8	7.480	911	917	920	rBV	2256551	2280003	56.31%	6.941%
9	8.204	1033	1040	1043	rBV	1359720	1301492	32.14%	3.962%
10	9.274	1217	1222	1226	rBV	3947988	4049121	100.00%	12.327%
11	9.663	1284	1288	1292	rBV	302232	247158	6.10%	0.752%
12	9.957	1333	1338	1342	rBV2	1540496	1326151	32.75%	4.037%
13	10.380	1407	1410	1413	rVB	58690	44997	1.11%	0.137%
14	10.745	1465	1472	1475	rBV	1644744	1530705	37.80%	4.660%
15	10.851	1487	1490	1496	rBV	85618	89241	2.20%	0.272%
16	11.298	1563	1566	1568	rBV	56763	44317	1.09%	0.135%
17	11.445	1587	1591	1594	rBV	1330322	1184238	29.25%	3.605%
18	11.957	1673	1678	1682	rBV2	95742	110117	2.72%	0.335%
19	12.651	1793	1796	1801	rBV	52694	52237	1.29%	0.159%
20	12.745	1807	1812	1821	rBV	234668	288453	7.12%	0.878%
21	12.880	1831	1835	1839	rBV	53682	67774	1.67%	0.206%
22	13.027	1855	1860	1863	rBV	3189114	2900238	71.63%	8.830%
23	13.909	2007	2010	2019	rVB	297889	295987	7.31%	0.901%
24	14.080	2035	2039	2042	rBV	904639	767001	18.94%	2.335%
25	14.545	2115	2118	2123	rVB2	54484	68208	1.68%	0.208%
26	15.003	2193	2196	2201	rVB	94207	95163	2.35%	0.290%
27	15.198	2226	2229	2231	rBV	59778	67017	1.66%	0.204%
28	15.568	2287	2292	2305	rVB	629807	864843	21.36%	2.633%
29	16.039	2369	2372	2378	rVB	63604	86769	2.14%	0.264%
30	16.092	2378	2381	2388	rBV5	44070	66560	1.64%	0.203%
31	17.174	2563	2565	2574	rVB3	32271	57155	1.41%	0.174%

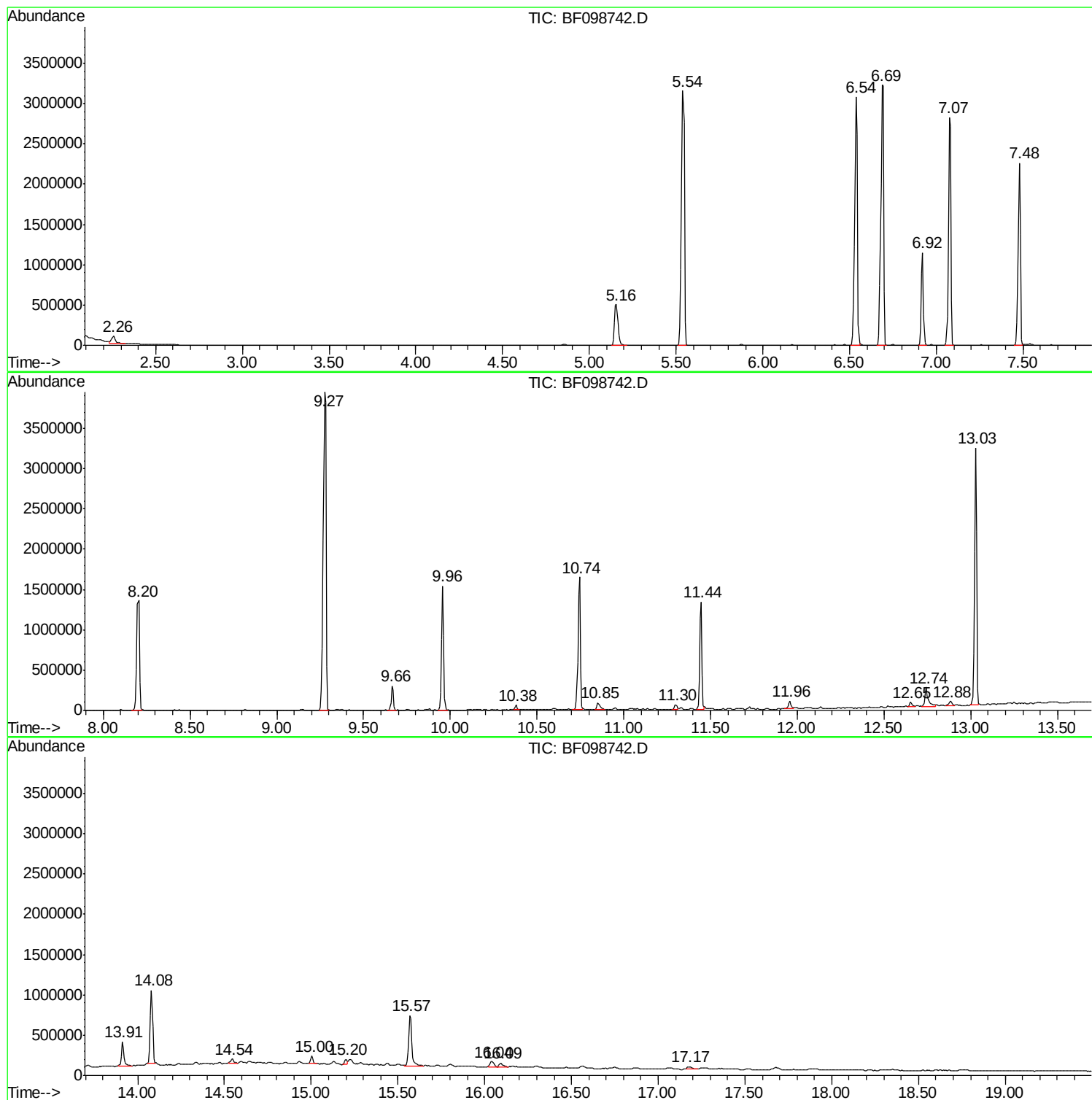
Sum of corrected areas: 32846278

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

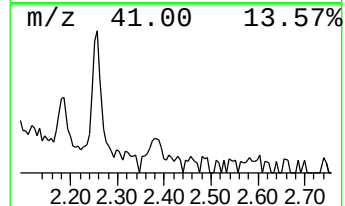
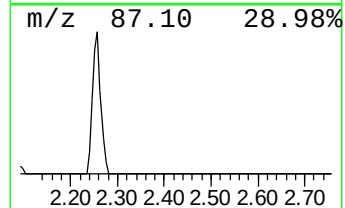
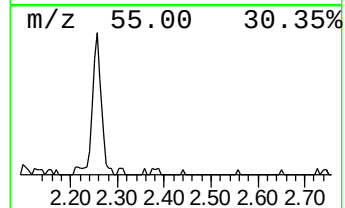
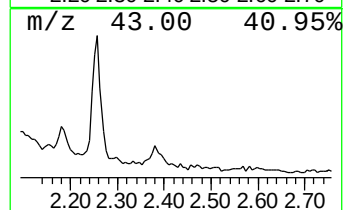
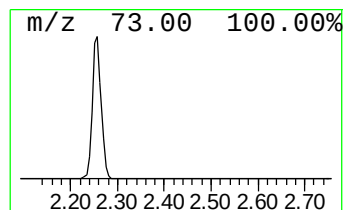
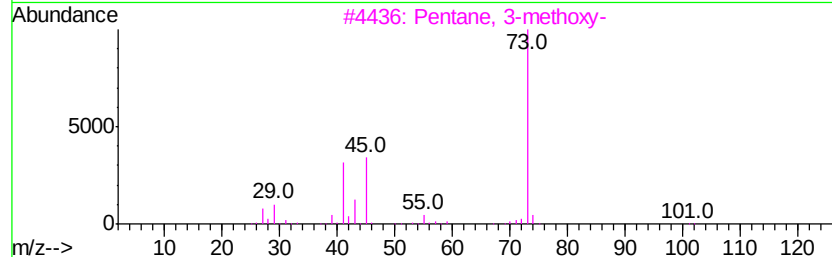
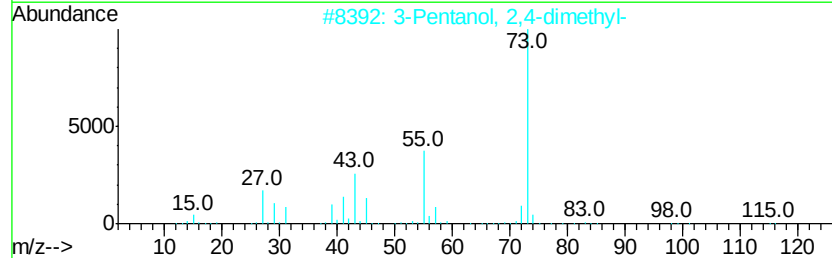
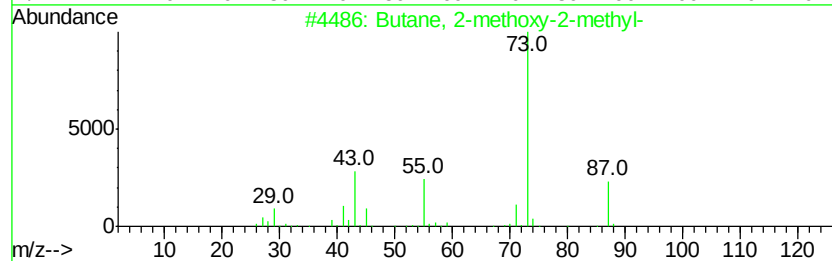
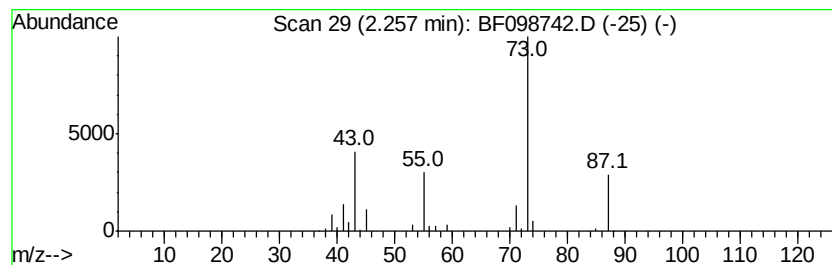
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	2.84 ng	135322	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

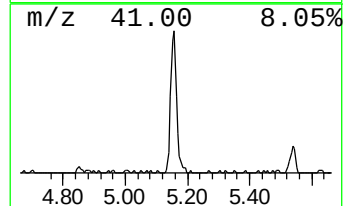
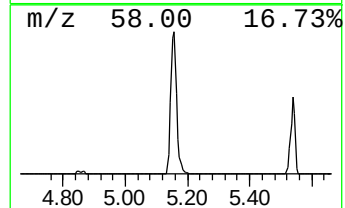
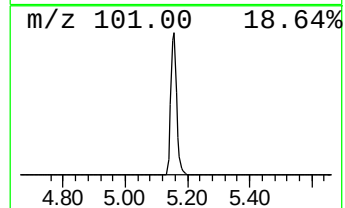
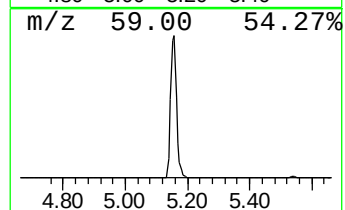
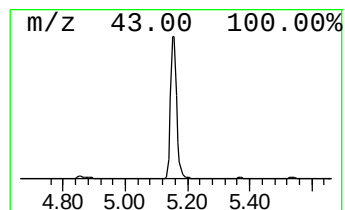
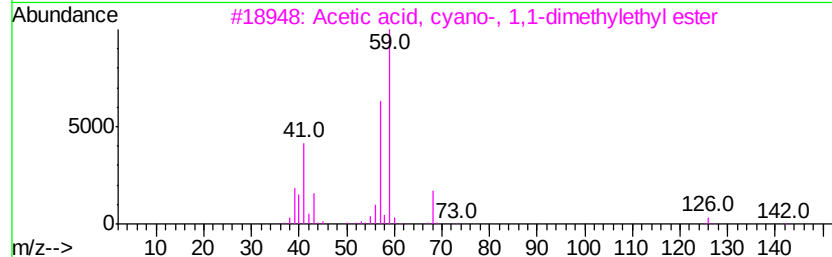
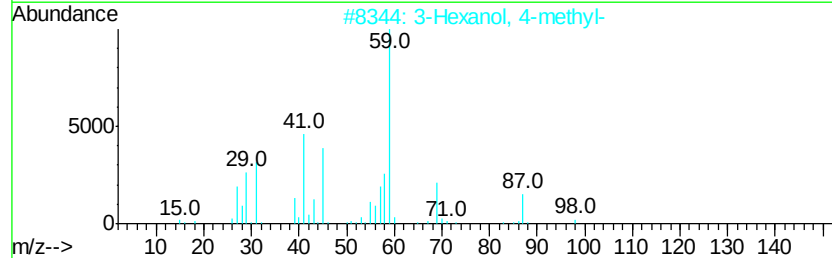
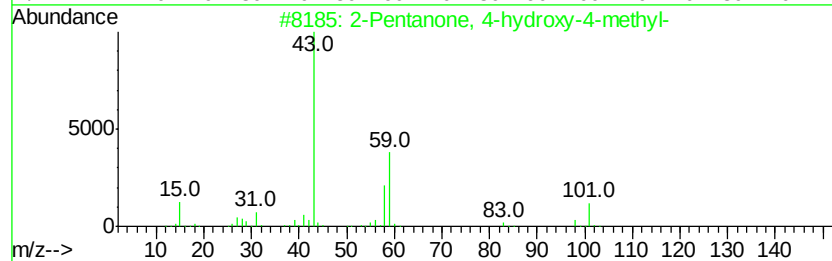
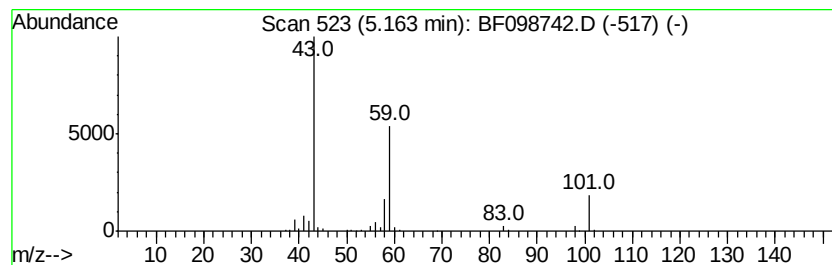
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	13.87 ng	661015	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	53
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

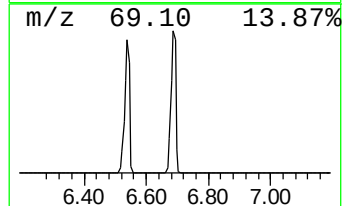
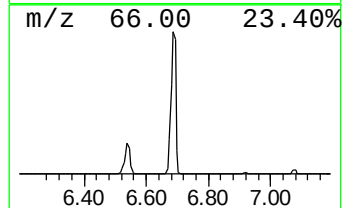
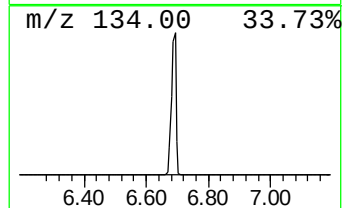
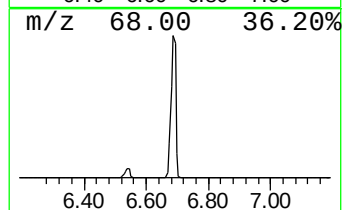
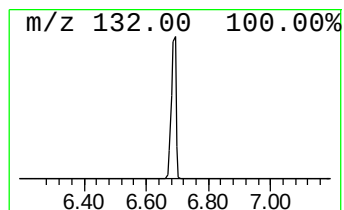
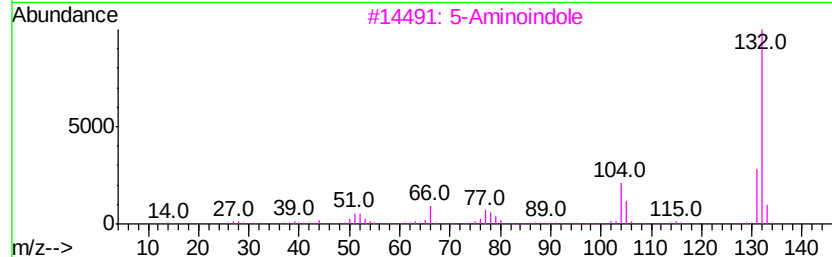
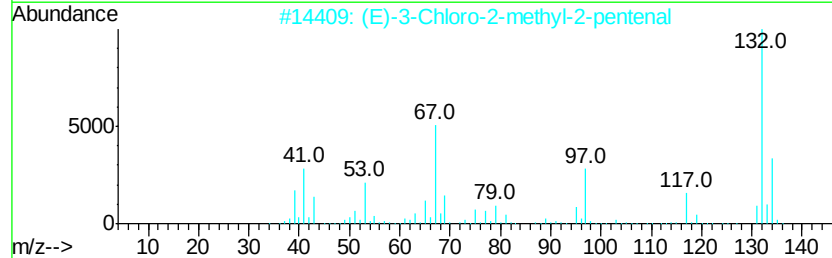
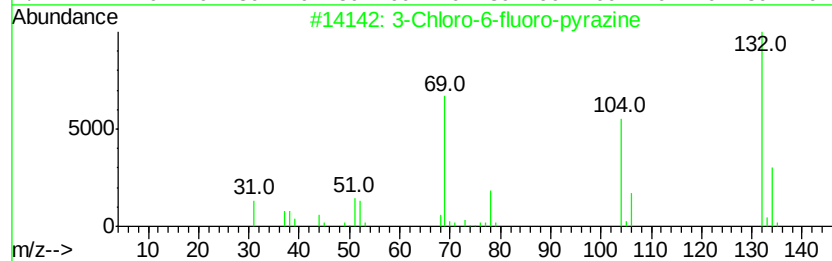
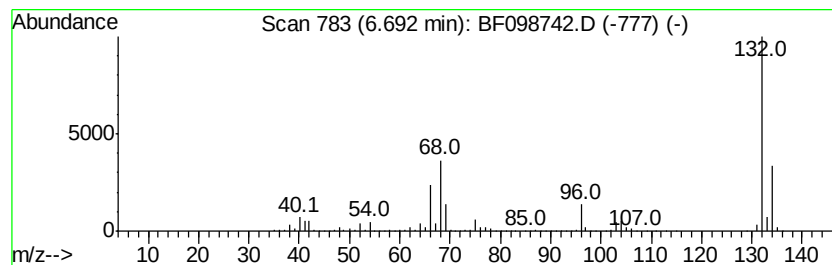
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	73.89 ng	3522530	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

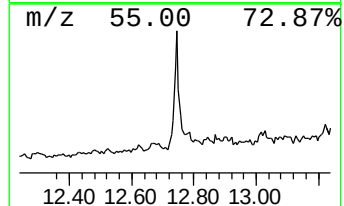
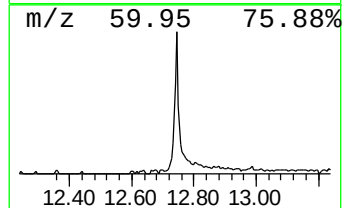
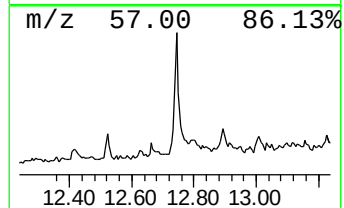
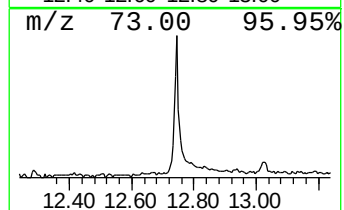
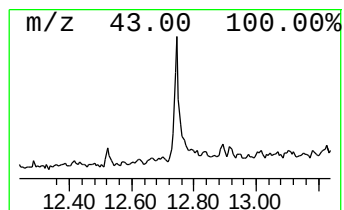
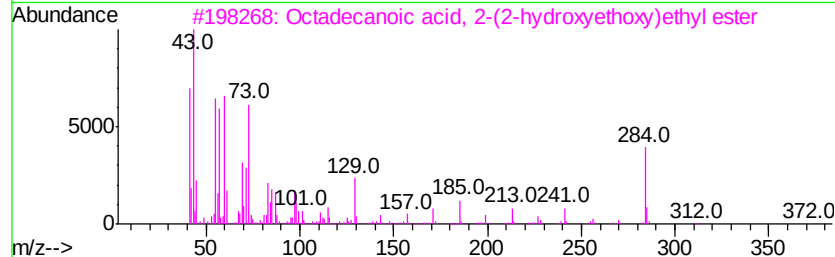
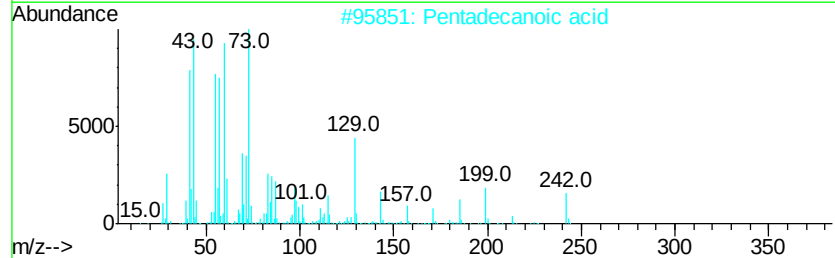
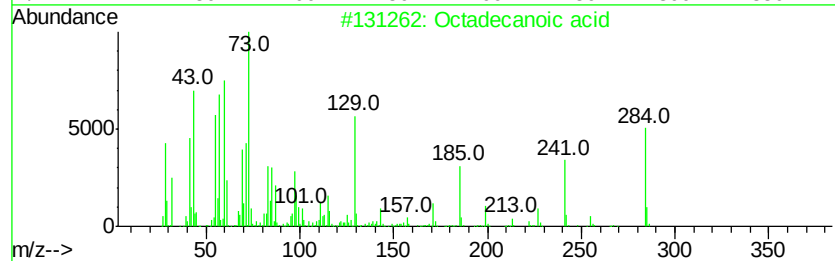
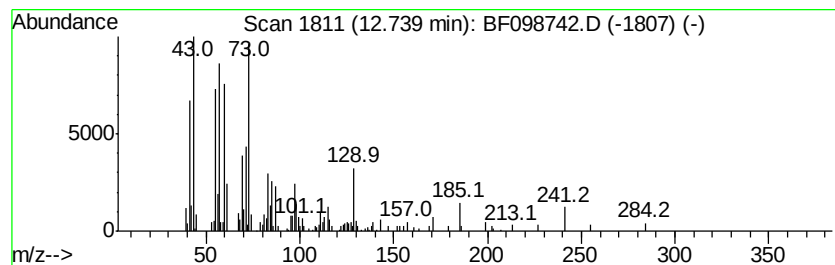
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	4.87 ng	288453	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

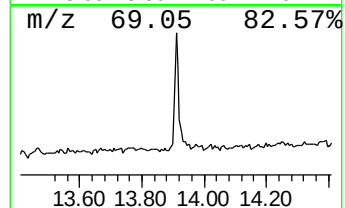
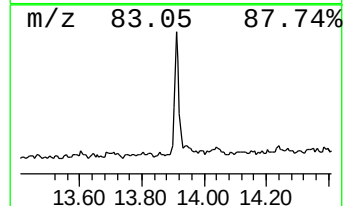
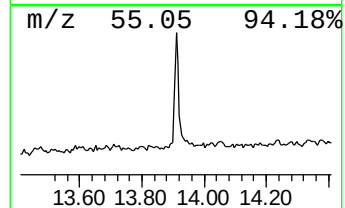
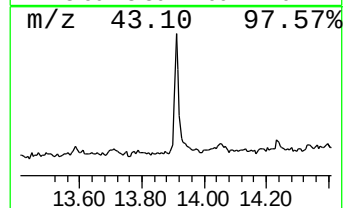
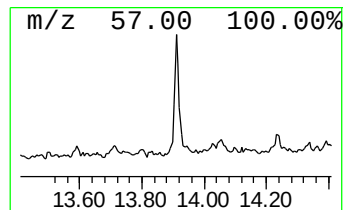
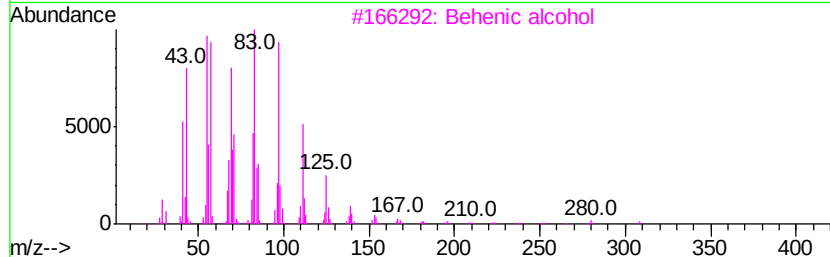
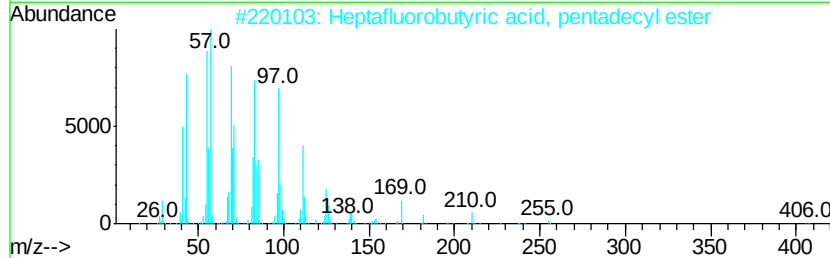
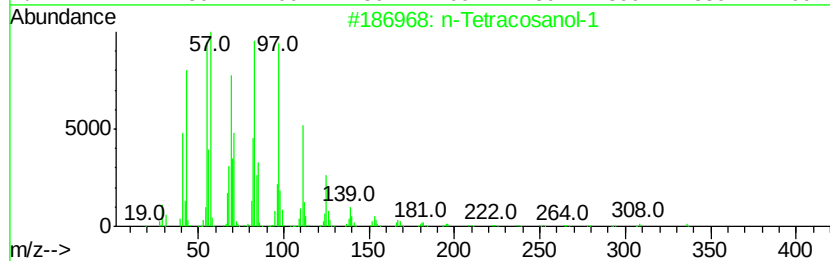
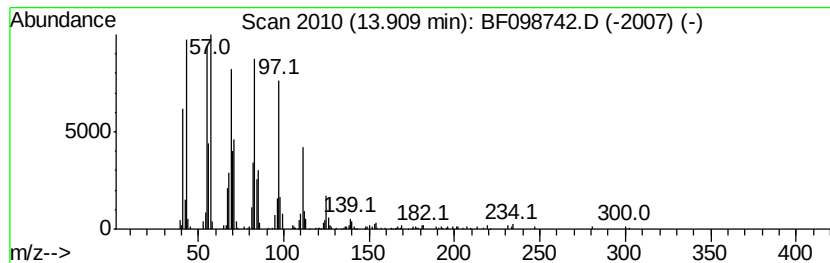
Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.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-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	7.72 ng	295987	Chrysene-d12	14.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

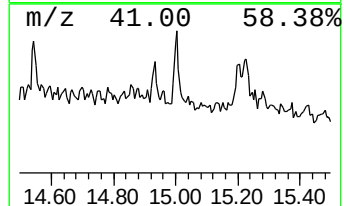
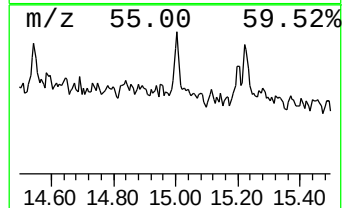
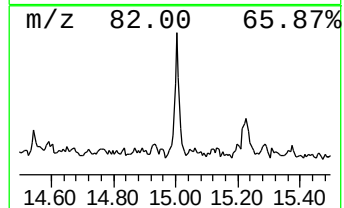
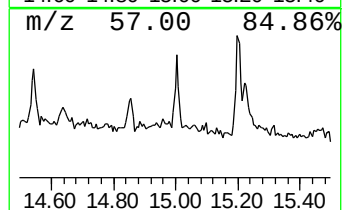
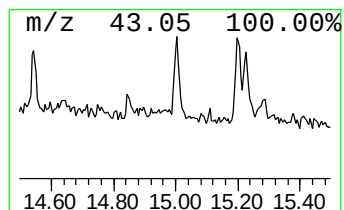
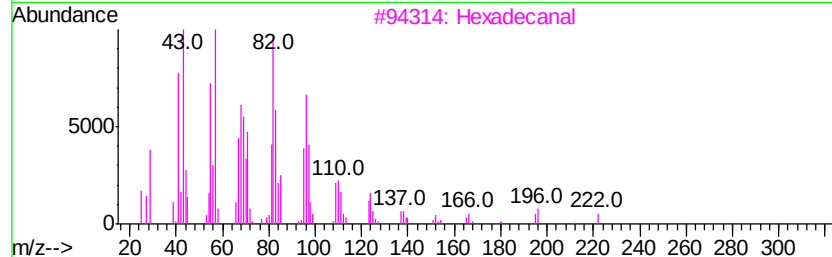
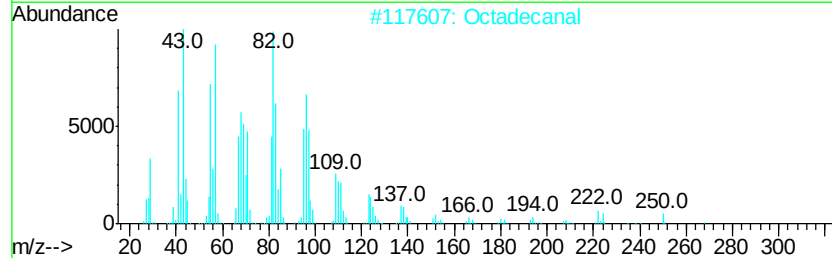
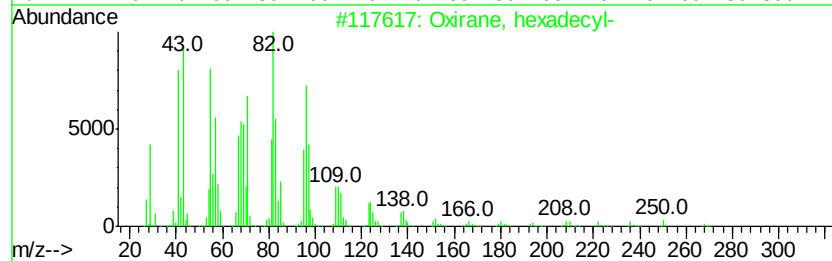
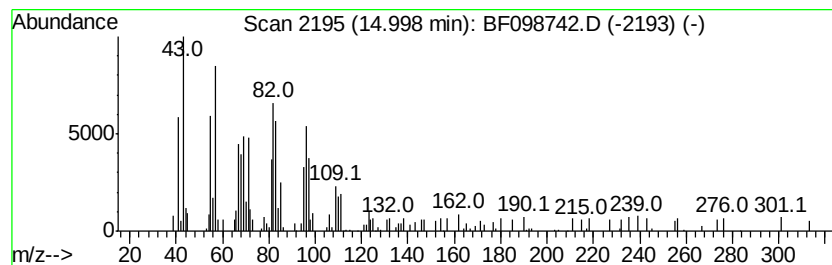
Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.00	2.20 ng	95163	Perylene-d12		15.57
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Hexadecanal	240	C16H32O	000629-80-1	86
4	1,19-Eicosadiene	278	C20H38	014811-95-1	74
5	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

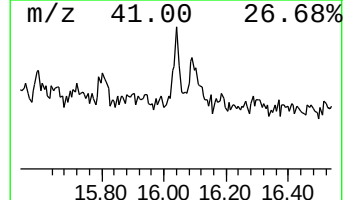
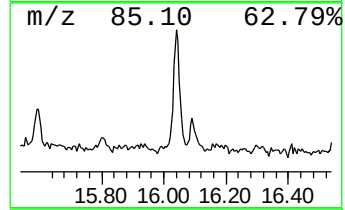
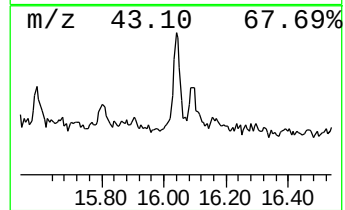
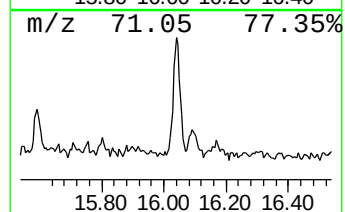
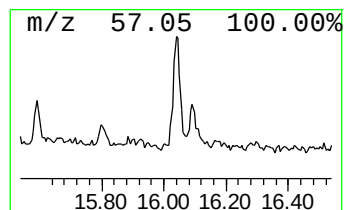
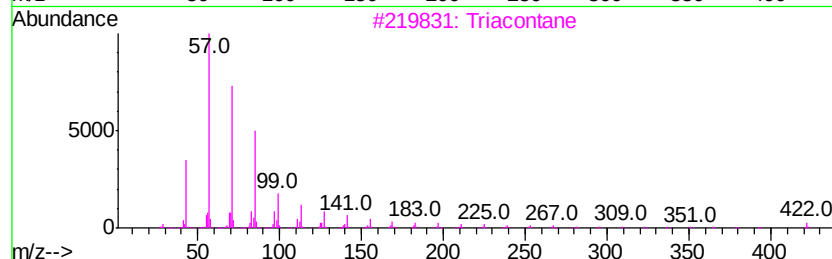
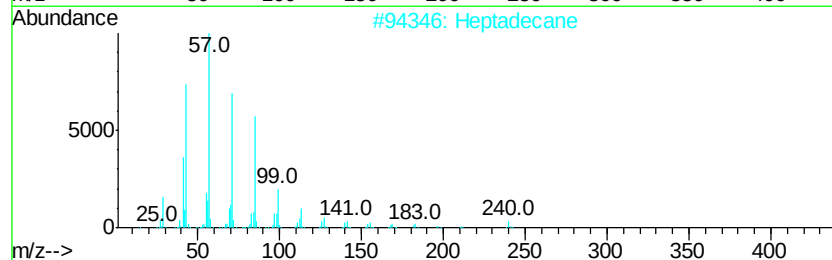
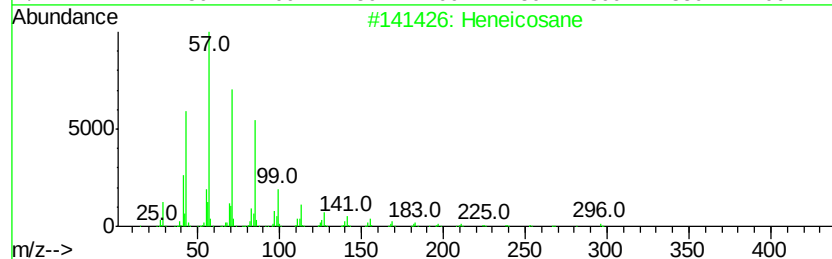
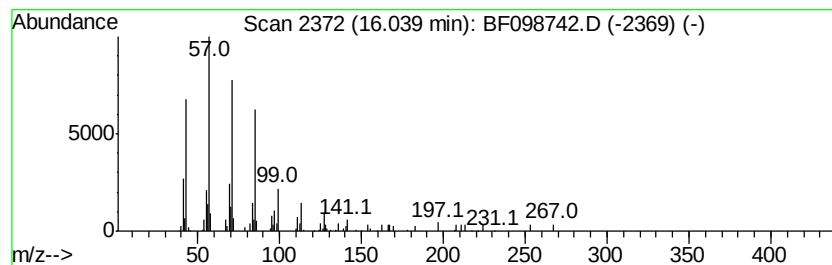
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.01 ng	86769	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		triacontane	422	C30H62	000638-68-6	90
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\
Data File : BF098742.D
Acq On : 23 Sep 2017 16:41
Operator : SJ/JU
Sample : I5335-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.26	2.8	ng	135322	1	6.92	953428	20.0
2-Pentanone, 4-hy...	5.16	13.9	ng	661015	1	6.92	953428	20.0
unknown6.69	6.69	73.9	ng	3522530	1	6.92	953428	20.0
Octadecanoic acid	12.74	4.9	ng	288453	4	11.44	1184240	20.0
n-Tetracosanol-1	13.91	7.7	ng	295987	5	14.08	767001	20.0
Oxirane, hexadecyl-	15.00	2.2	ng	95163	6	15.57	864843	20.0
Heneicosane	16.04	2.0	ng	86769	6	15.57	864843	20.0