LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099806.D
Acq On : 24 Oct 2017 23:43
Operator : SJ/JU
Sample : I5956-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	5.028	496	500	513	rBV	194624	295896	14.48%	1.784%
2	5.428	565	568	592	rBV	1749697	1889270	92.43%	11.392%
3	6.445	737	741	760	rBV	1636144	1869976	91.48%	11.275%
4	6.575	760	763	767	rBV	1967349	1933421	94.59%	11.658%
5	6.804	799	802	812	rBV	615468	509671	24.93%	3.073%
6	6.957	825	828	848	rVB	1597420	1487634	72.78%	8.970%
7	7.375	895	899	913	rBV	1235045	1133540	55.45%	6.835%
8	8.086	1016	1020	1029	rBV	800001	682462	33.39%	4.115%
9	8.645	1112	1115	1125	rBB	34894	35547	1.74%	0.214%
10	9.163	1198	1203	1206	rBV	2312591	2044085	100.00%	12.325%
11	9.839	1315	1318	1328	rBV2	776908	692727	33.89%	4.177%
12	10.557	1437	1440	1443	rBV	125818	102852	5.03%	0.620%
13	10.633	1450	1453	1465	rBV	958154	892760	43.68%	5.383%
14	11.333	1568	1572	1581	rBV	622923	537242	26.28%	3.239%
15	12.915	1837	1841	1844	rBV	1368069	1186930	58.07%	7.157%
16	13.980	2018	2022	2031	rVB	497538	449750	22.00%	2.712%
17	15.421	2262	2267	2268	rBV	31837	38340	1.88%	0.231%
18	15.451	2268	2272	2282	rVB	344359	456535	22.33%	2.753%
19	15.845	2333	2339	2345	rBV	39026	60459	2.96%	0.365%
20	16.333	2416	2422	2427	rBV	42198	70619	3.45%	0.426%
21	16.903	2512	2519	2529	rVB2	30839	66343	3.25%	0.400%
22	17.580	2624	2634	2644	rBV4	25302	69158	3.38%	0.417%
23	18.386	2761	2771	2783	rVB6	15285	46328	2.27%	0.279%
24	19.350	2927	2935	2946	rBV10	10595	32913	1.61%	0.198%

Sum of corrected areas: 16584458

LSC Report - Integrated Chromatogram

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Misc :
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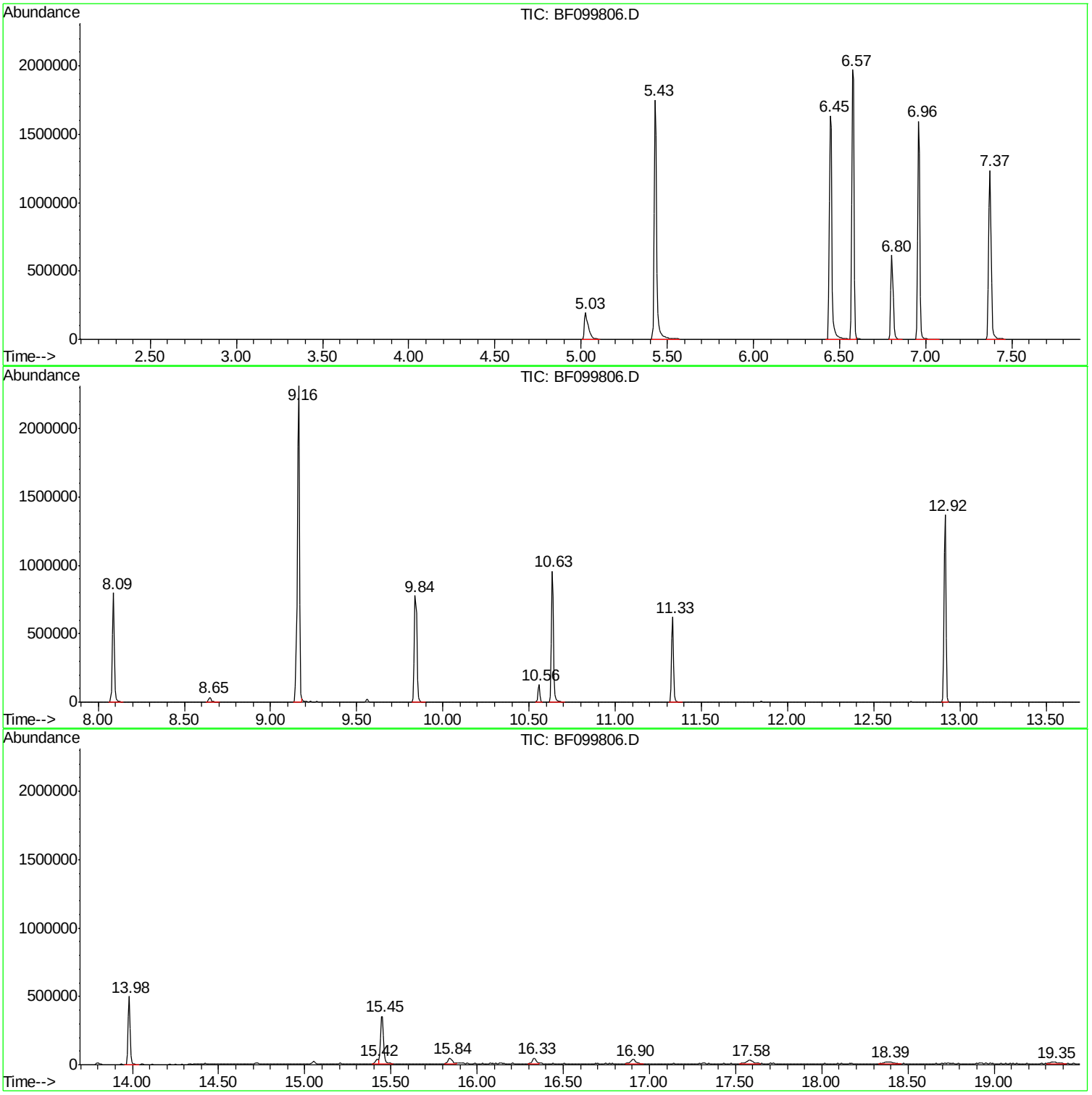
Instrument :
BNA_F
ClientSampleId :
EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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Data File : BF099806.D
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Sample : I5956-08
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Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

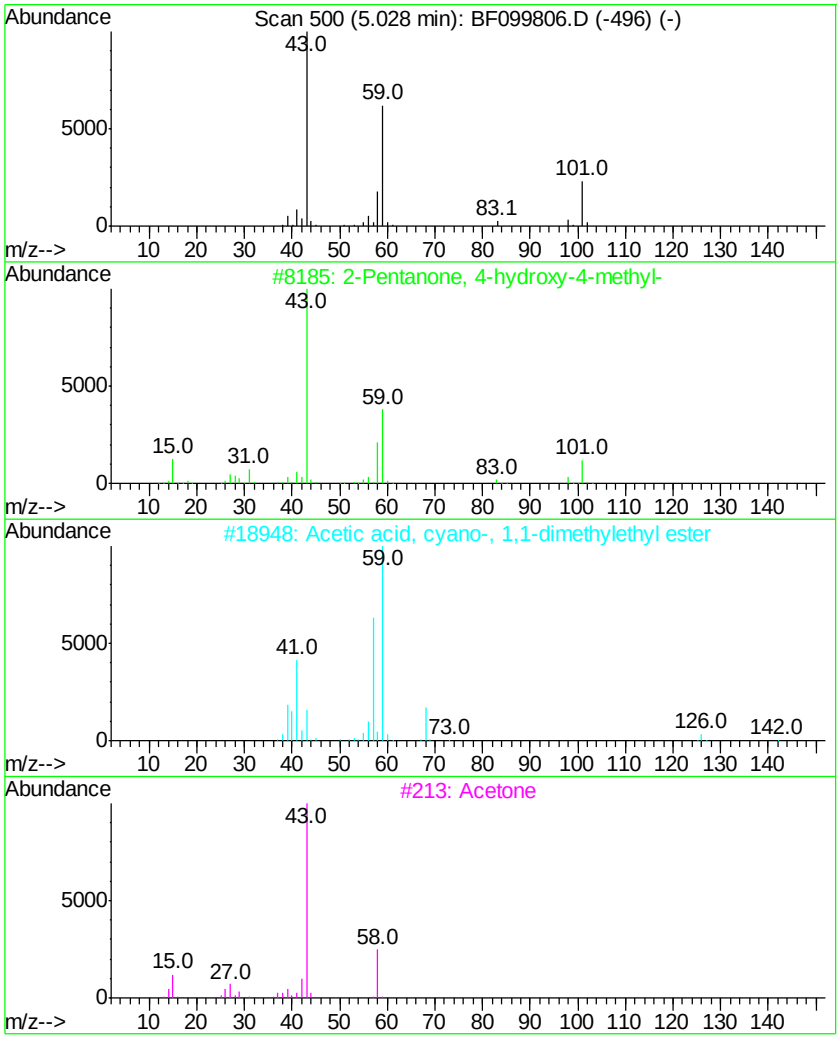
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

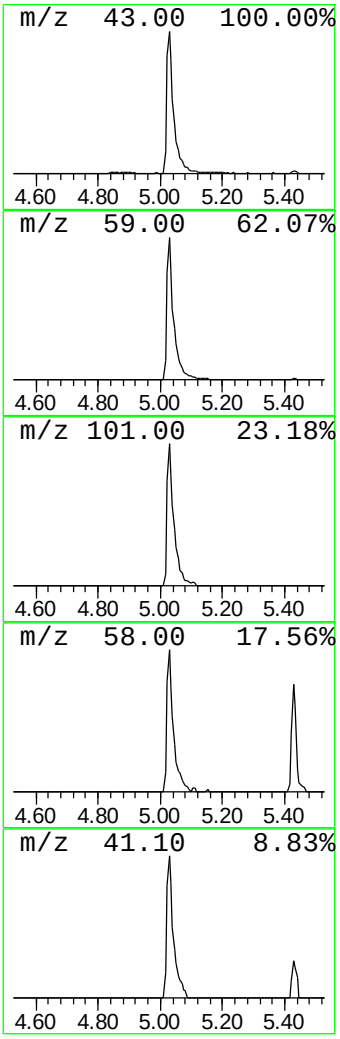
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	11.61 ng	295896	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : I5956-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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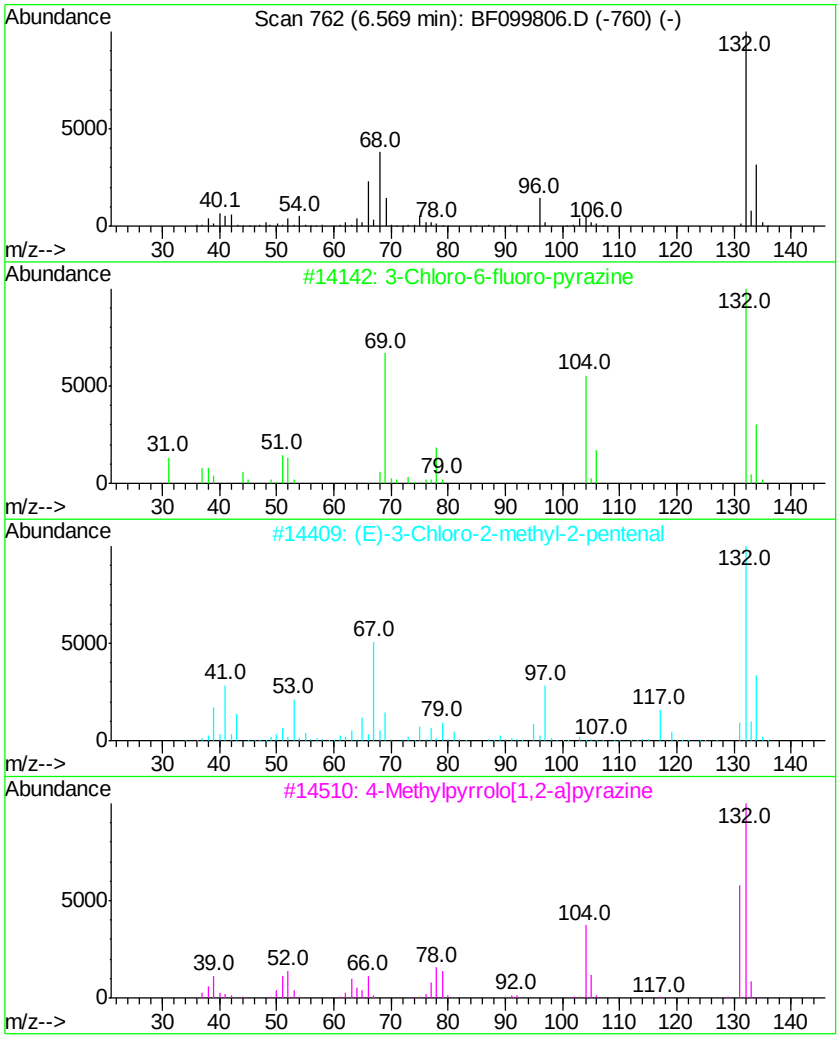
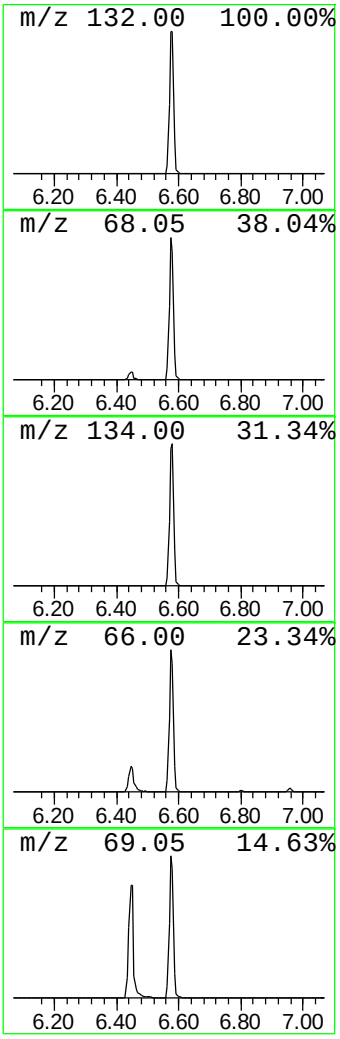
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	75.87 ng	1933420	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
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Acq On : 24 Oct 2017 23:43
Operator : SJ/JU
Sample : I5956-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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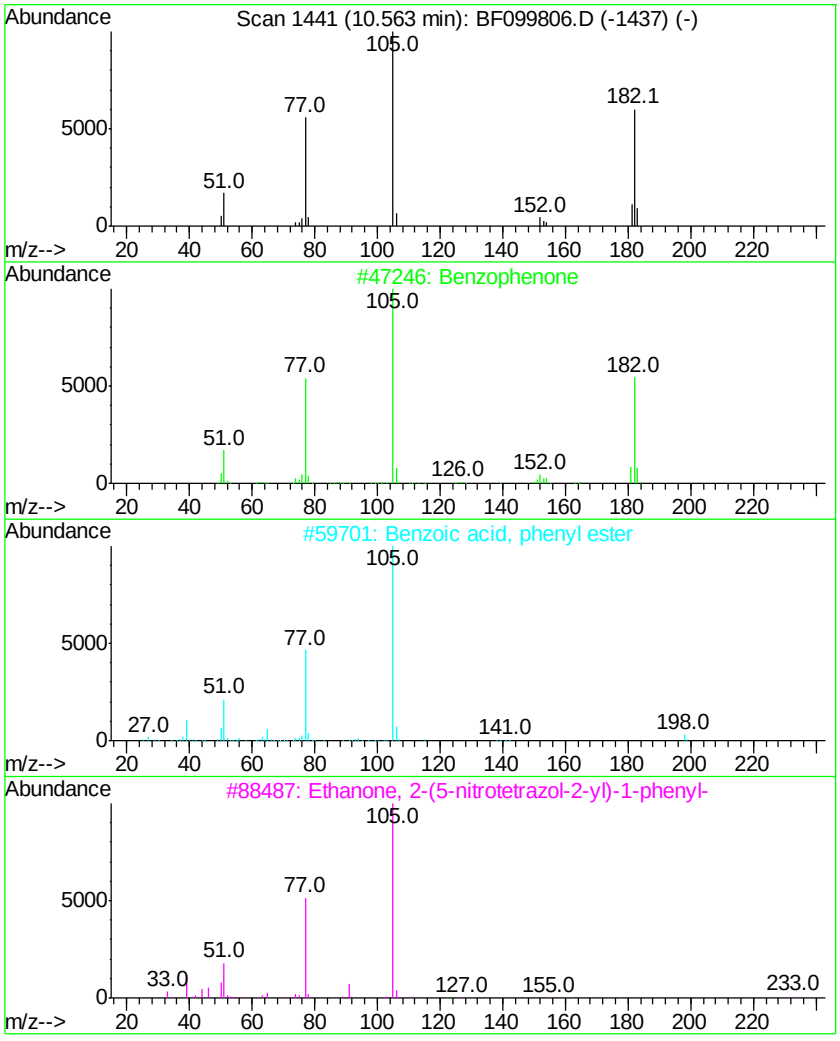
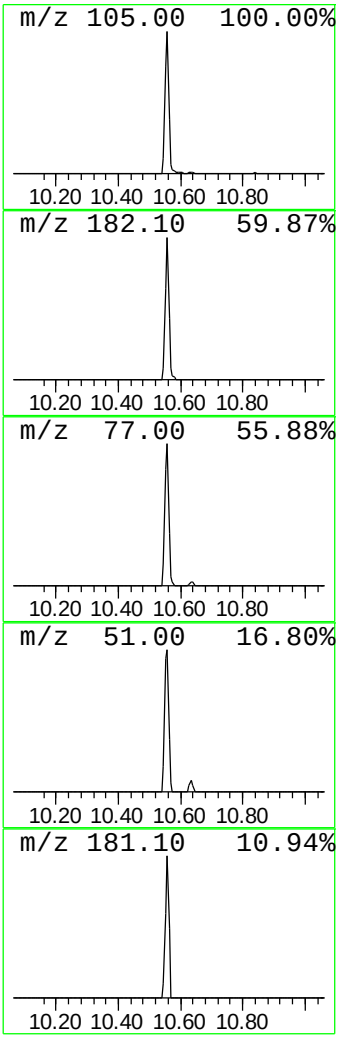
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.97 ng	102852	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43
3	Ethanone, 2-(5-nitrotetrazol-2-y...	233	C9H7N5O3	1000310-77-2	43
4	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	43
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43





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Sample : I5956-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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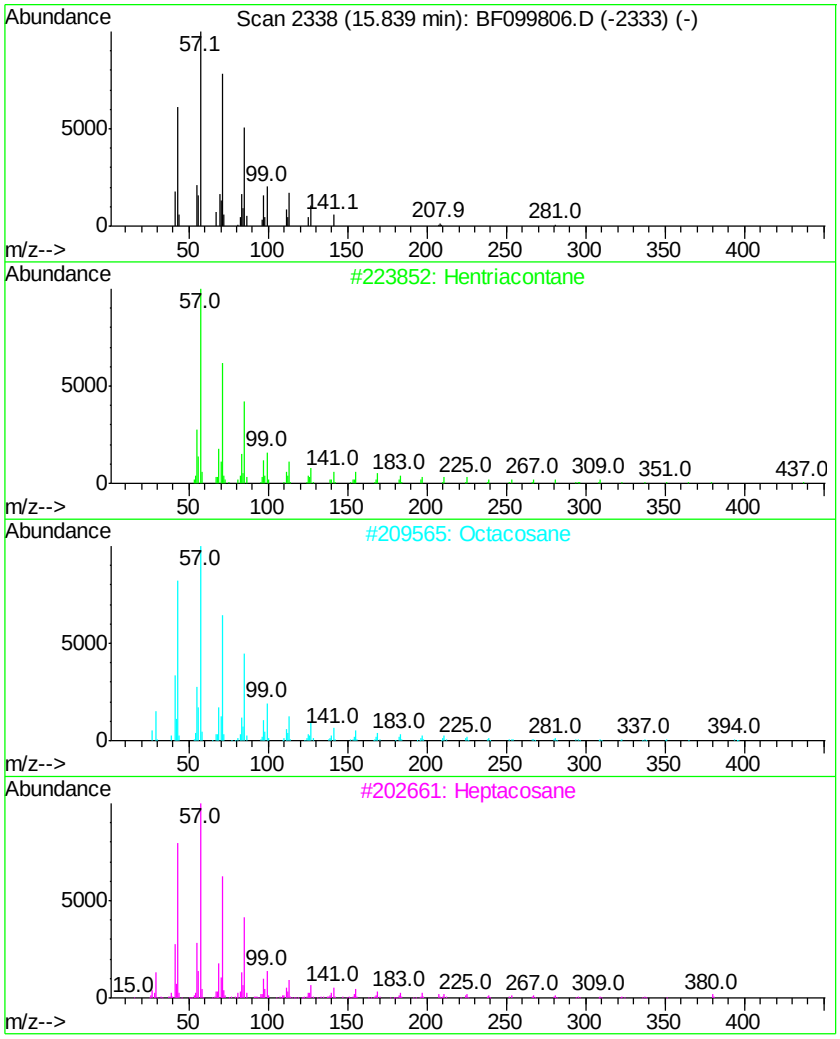
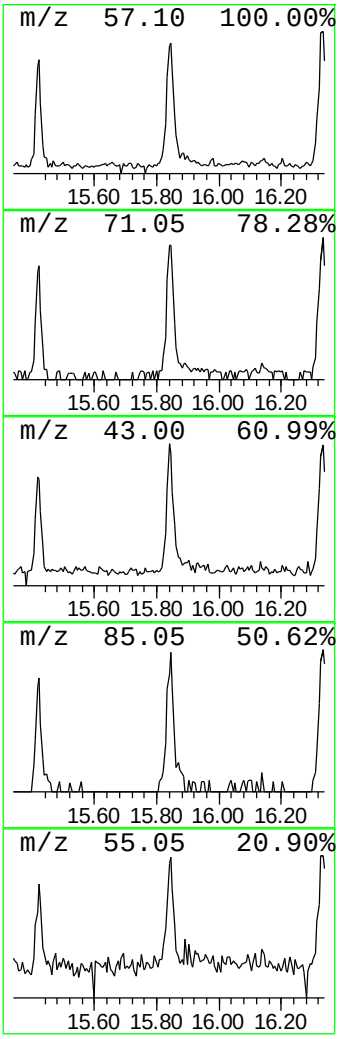
Peak Number 5 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.65 ng	60459	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Data File : BF099806.D
Acq On : 24 Oct 2017 23:43
Operator : SJ/JU
Sample : I5956-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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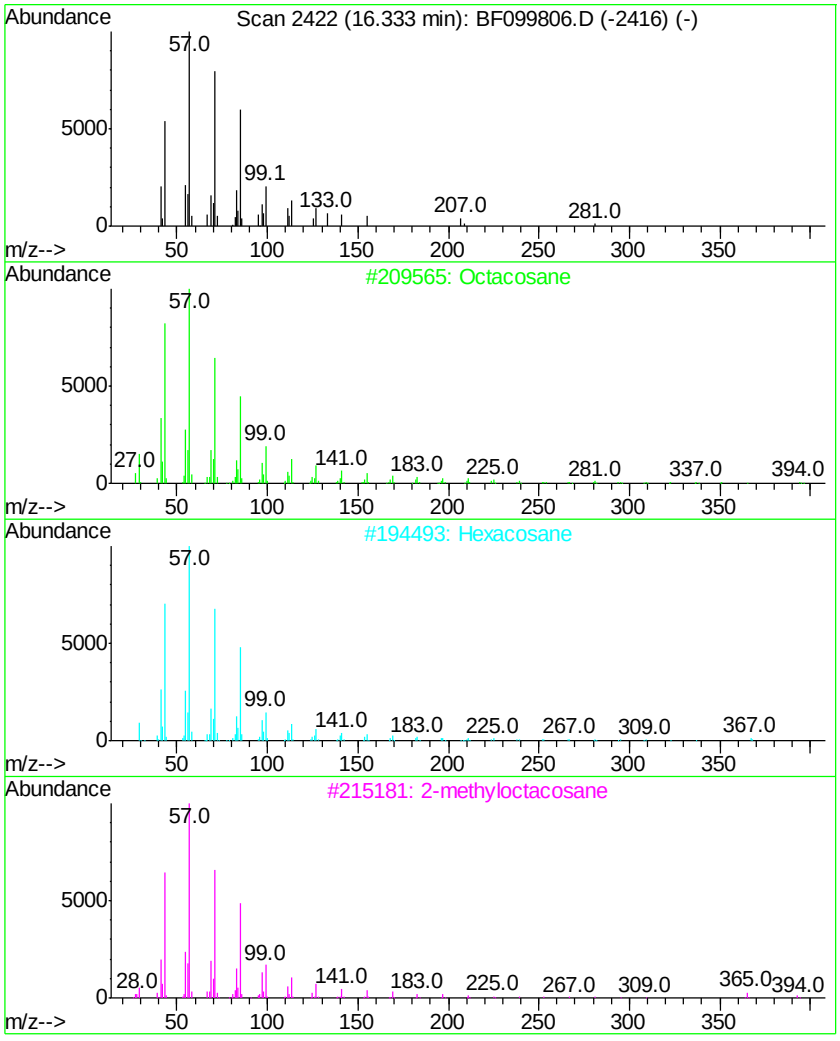
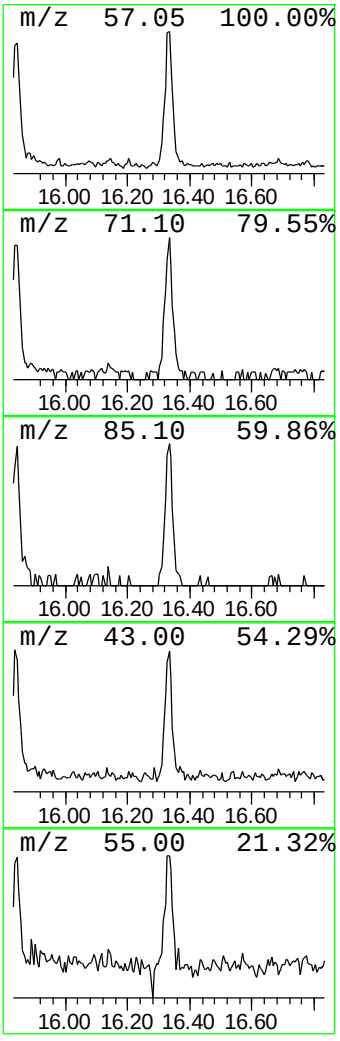
Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.09 ng	70619	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane	240	C17H36	000629-78-7	90





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Misc :
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Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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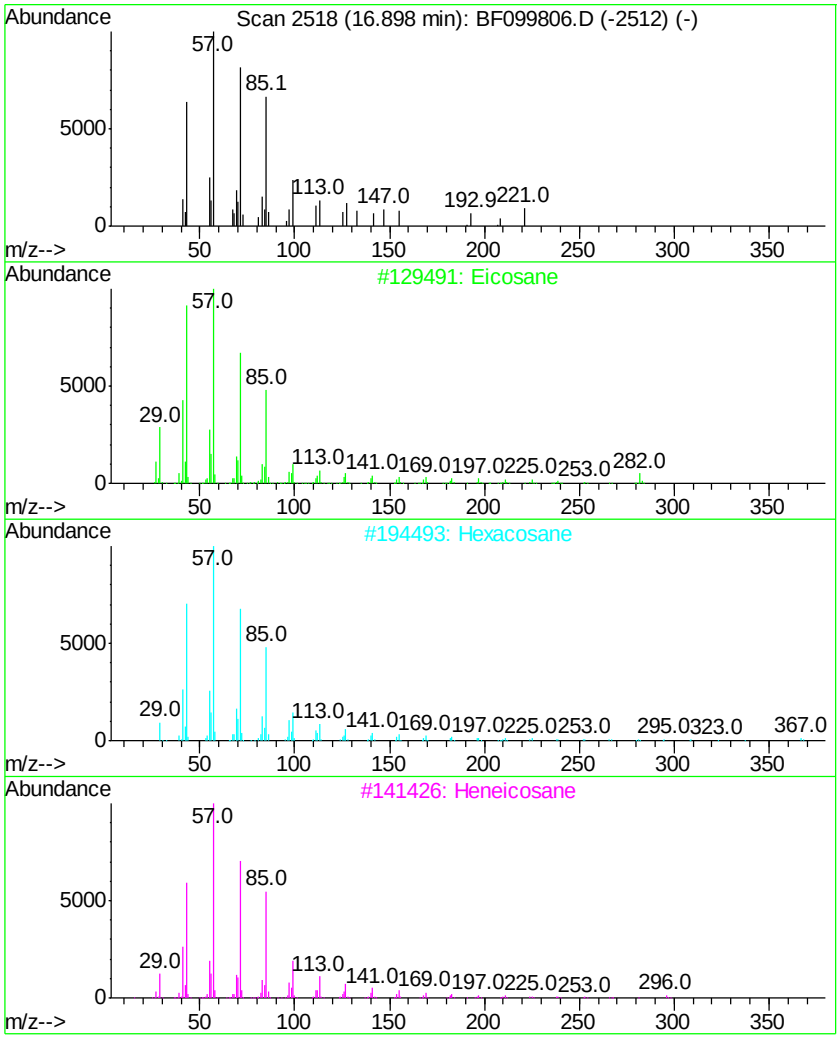
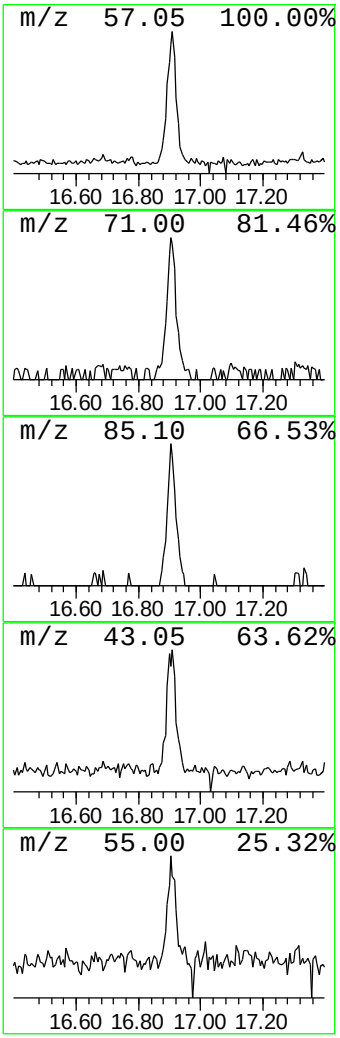
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.91 ng	66343	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	90





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Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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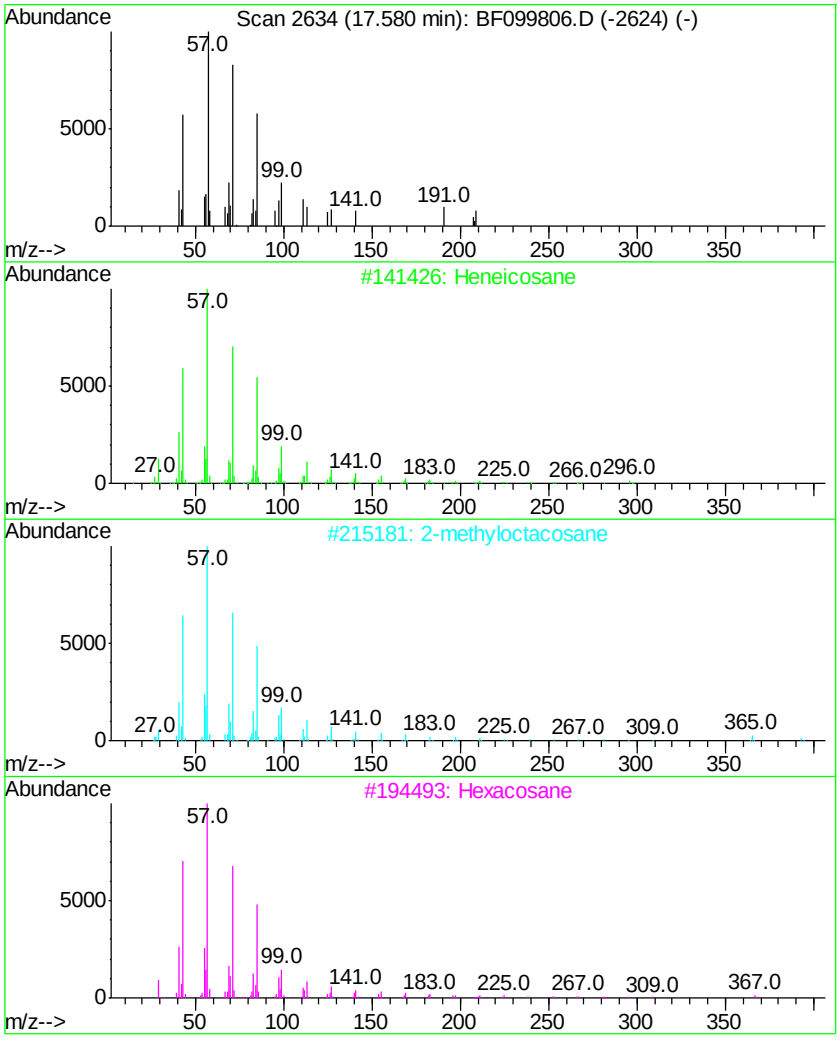
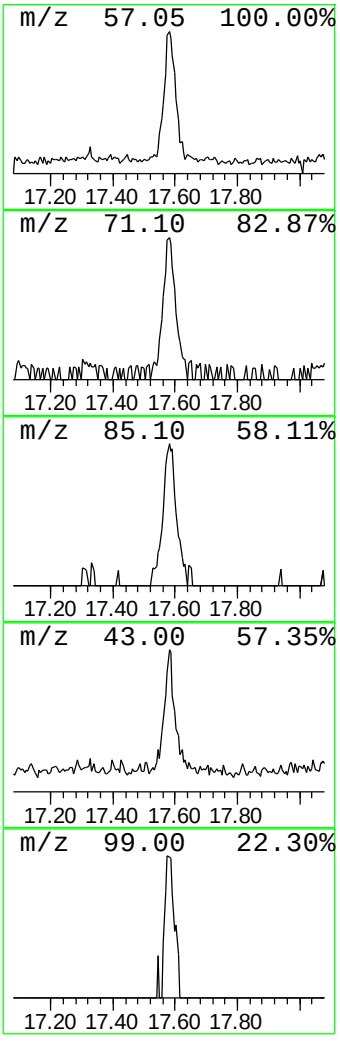
Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	3.03 ng	69158	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Hexacosane	366	C26H54	000630-01-3	80
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Heptacosane	380	C27H56	000593-49-7	80





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Instrument : BNA_F
ClientSampleId : EPE-120-1(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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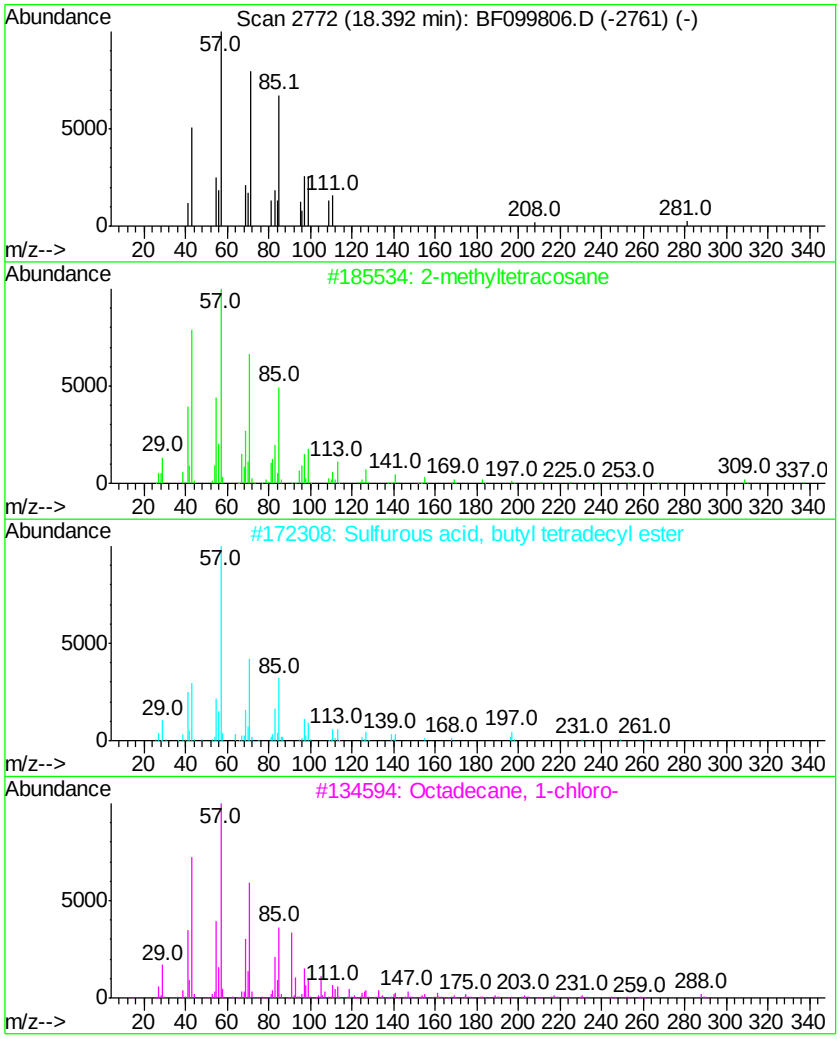
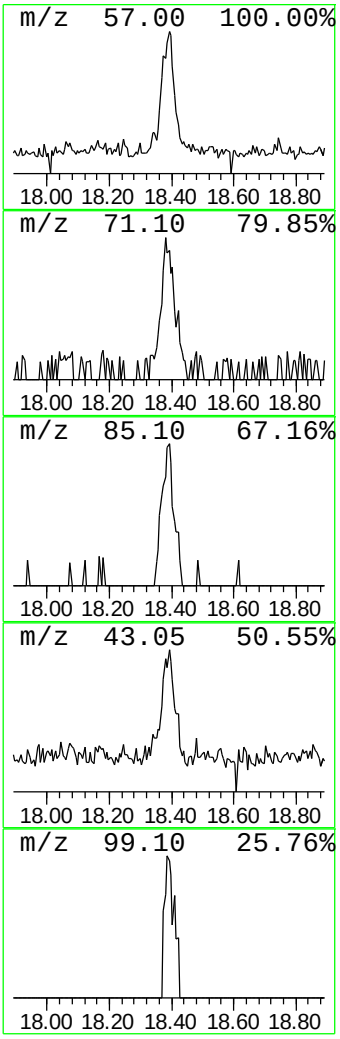
Peak Number 9 2-methyltetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.03 ng	46328	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	72
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5	Tritetracontane	605	C43H88	007098-21-7	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	11.6	ng	295896	1	6.80	509671	20.0
unknown6.57	6.57	75.9	ng	1933420	1	6.80	509671	20.0
Benzophenone	10.56	3.0	ng	102852	3	9.84	692727	20.0
Hentriacontane	15.84	2.6	ng	60459	6	15.45	456535	20.0
Octacosane	16.33	3.1	ng	70619	6	15.45	456535	20.0
Eicosane	16.90	2.9	ng	66343	6	15.45	456535	20.0
Heneicosane	17.58	3.0	ng	69158	6	15.45	456535	20.0
2-methyltetracosane	18.39	2.0	ng	46328	6	15.45	456535	20.0