LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099624.D
Acq On : 18 Oct 2017 18:27
Operator : SJ/JU
Sample : I5834-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-115-4(10-15)

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-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	5.057	501	505	522	rBV	284121	434201	17.11%	1.943%
2	5.463	569	574	597	rBV	2277078	2373068	93.52%	10.618%
3	6.475	741	746	756	rBV	2167431	2537592	100.00%	11.354%
4	6.604	763	768	771	rBV	2556635	2463593	97.08%	11.023%
5	6.828	802	806	814	rBV	691191	608378	23.97%	2.722%
6	6.981	828	832	836	rBV	2007005	1896110	74.72%	8.484%
7	7.392	897	902	905	rBV	1484090	1573169	61.99%	7.039%
8	8.104	1019	1023	1027	rBV	943992	846882	33.37%	3.789%
9	8.663	1115	1118	1125	rBB	40191	34445	1.36%	0.154%
10	9.180	1201	1206	1209	rBV	2688201	2438889	96.11%	10.912%
11	9.575	1269	1273	1276	rBV	616280	454408	17.91%	2.033%
12	9.863	1317	1322	1325	rBV	960882	911701	35.93%	4.079%
13	10.575	1439	1443	1446	rBV	101240	80719	3.18%	0.361%
14	10.657	1452	1457	1460	rBV	1458831	1482262	58.41%	6.632%
15	11.345	1571	1574	1578	rBV	900844	851039	33.54%	3.808%
16	11.863	1658	1662	1671	rBV3	30150	35569	1.40%	0.159%
17	12.563	1778	1781	1785	rVB	38083	30553	1.20%	0.137%
18	12.792	1814	1820	1828	rBV	34245	36993	1.46%	0.166%
19	12.927	1839	1843	1847	rBV	1898885	1791356	70.59%	8.015%
20	13.810	1989	1993	2003	rBV2	42299	64041	2.52%	0.287%
21	13.992	2020	2024	2027	rBV	585269	573841	22.61%	2.568%
22	15.062	2203	2206	2211	rVB2	24623	28483	1.12%	0.127%
23	15.451	2266	2272	2281	rVB	454552	594161	23.41%	2.658%
24	15.857	2337	2341	2345	rBV	31392	40932	1.61%	0.183%
25	16.351	2419	2425	2431	rBV2	32862	62495	2.46%	0.280%
26	16.927	2517	2523	2530	rVB5	27777	57269	2.26%	0.256%
27	17.609	2632	2639	2645	rBV4	20110	47879	1.89%	0.214%

Sum of corrected areas: 22350028

LSC Report - Integrated Chromatogram

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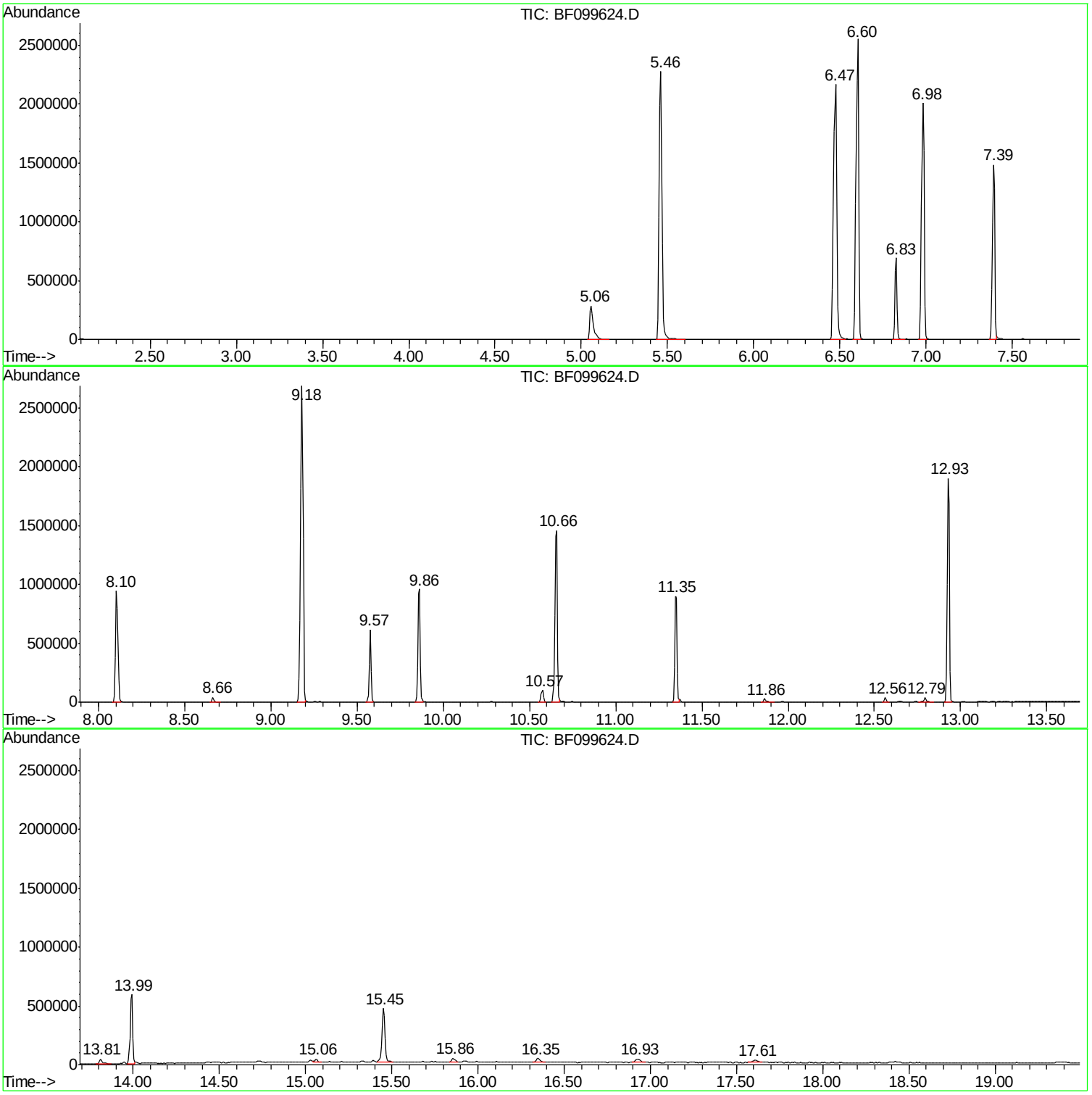
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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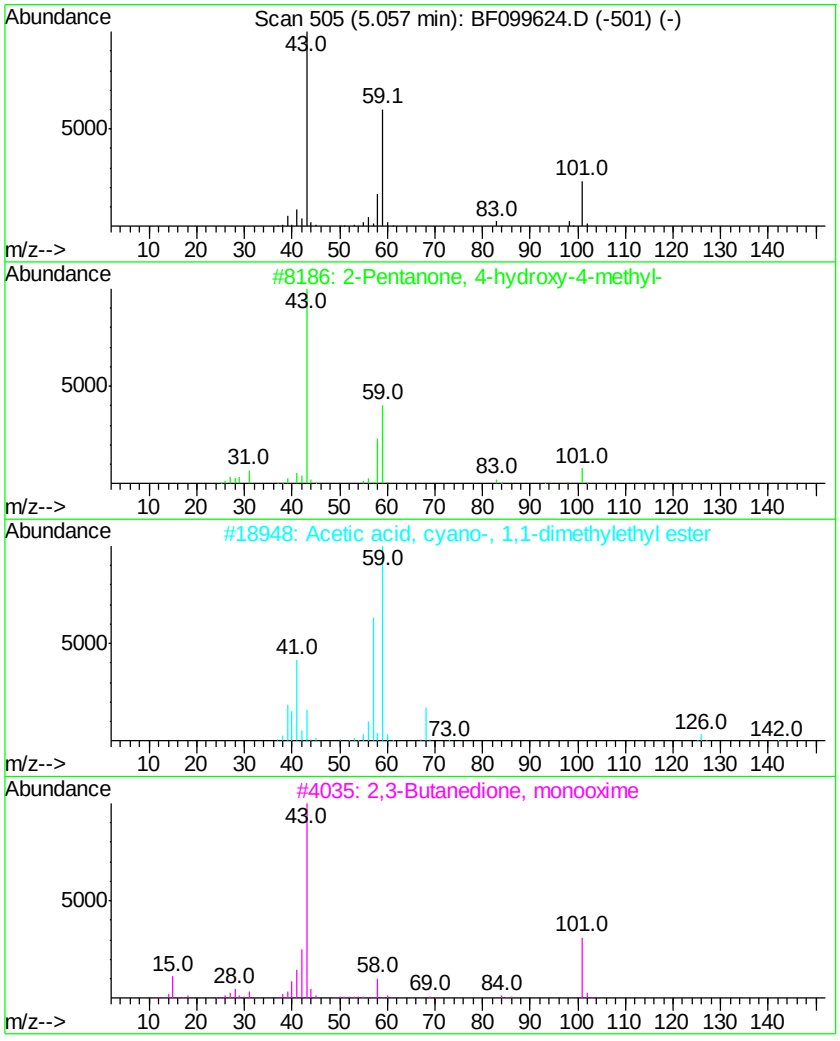
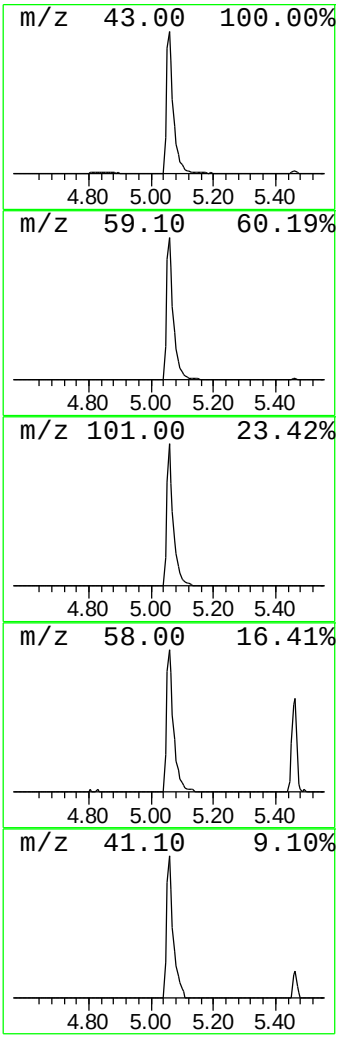
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	14.27 ng	434201	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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ClientSampleId : ENV-115-4(10-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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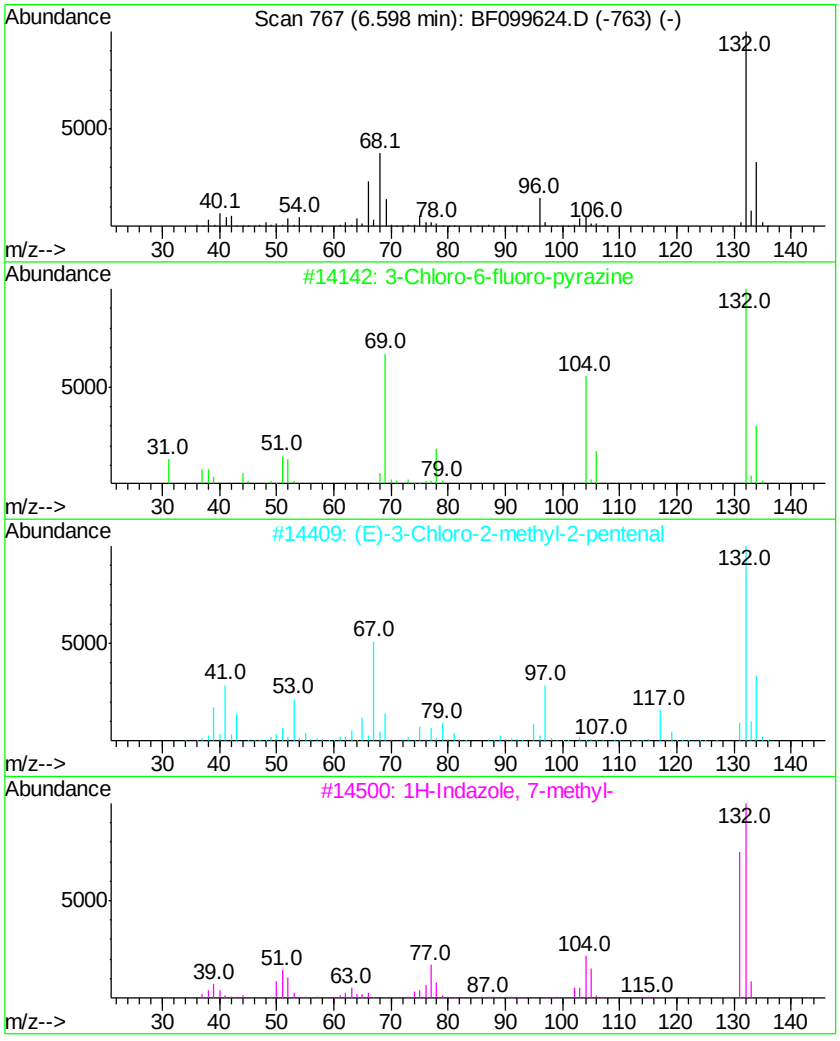
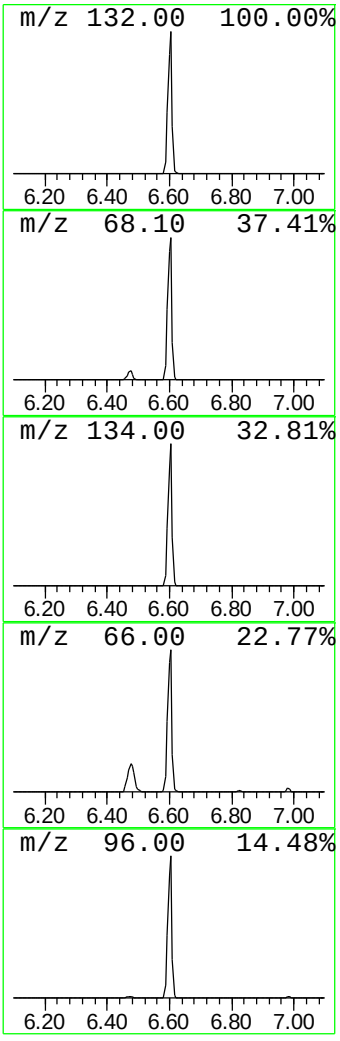
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	80.99 ng	2463590	1,4-Dichlorobenzene-d4	6.83

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	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-115-4(10-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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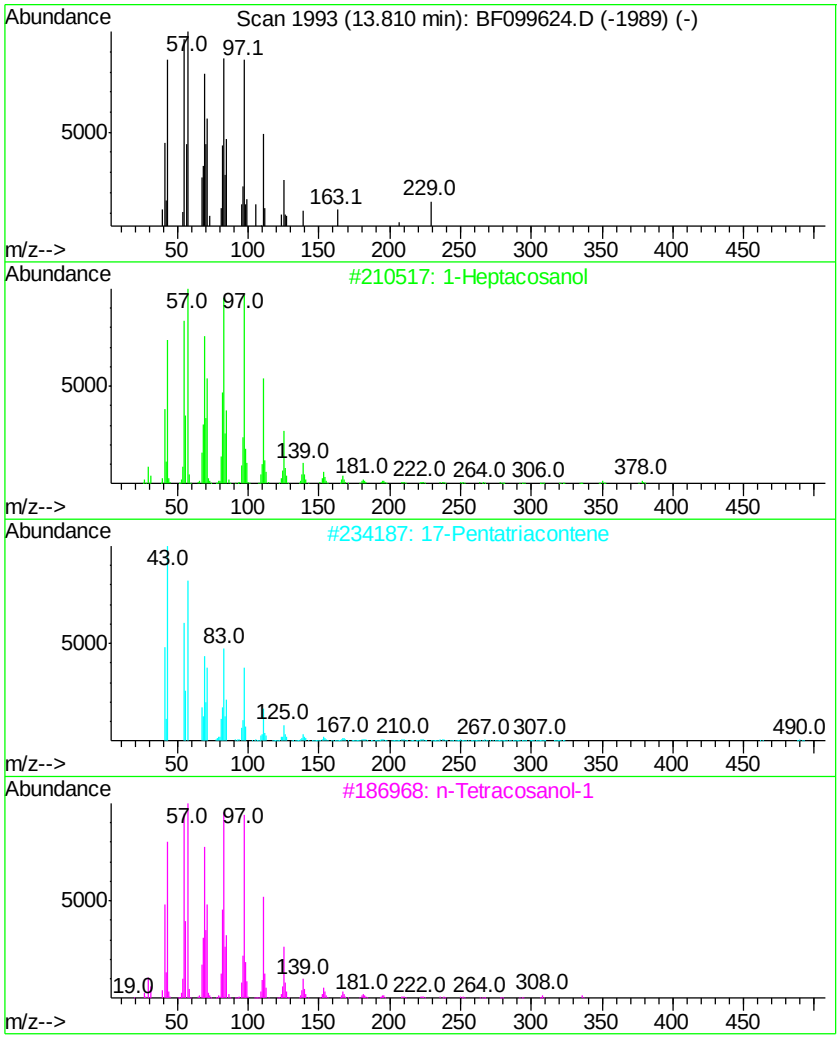
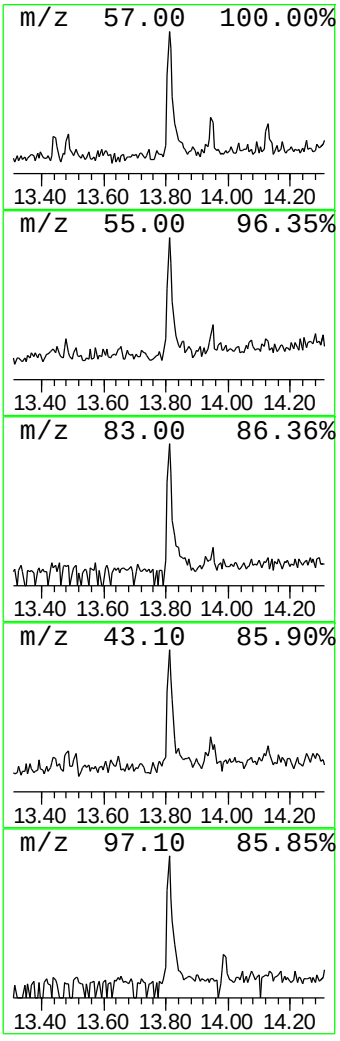
Peak Number 4 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.23 ng	64041	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





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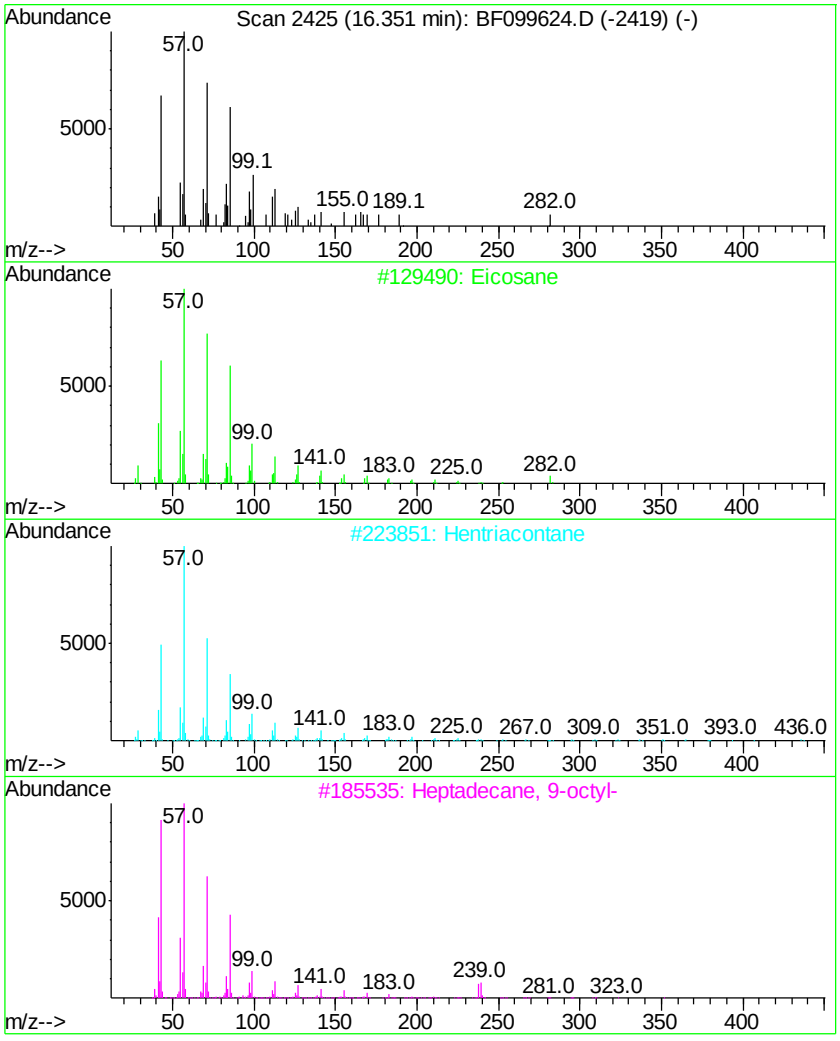
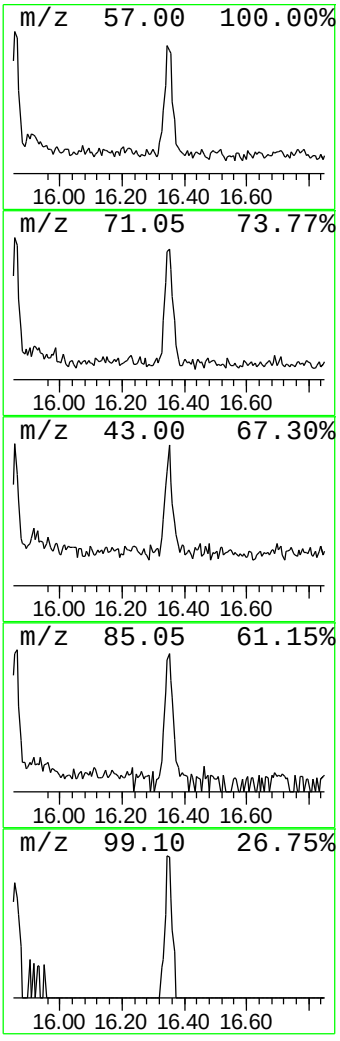
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.10 ng	62495	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	14.3	ng	434201	1	6.83	608378	20.0
unknown6.60	6.60	81.0	ng	2463590	1	6.83	608378	20.0
1-Heptacosanol	13.81	2.2	ng	64041	5	13.99	573841	20.0
Eicosane	16.35	2.1	ng	62495	6	15.45	594161	20.0