LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101255.D
Acq On : 9 Dec 2017 00:01
Operator : SJ/JU
Sample : I6746-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-109-4(0-5)

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-BF113017.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	3.887	302	306	313	rBB	20822	29309	1.76%	0.243%
2	5.063	502	506	519	rBB	53937	86170	5.18%	0.714%
3	5.451	568	572	575	rBV	1274045	1290293	77.52%	10.697%
4	6.469	740	745	760	rVB	1177257	1446489	86.91%	11.992%
5	6.604	763	768	771	rBV	1442014	1375994	82.67%	11.407%
6	6.828	803	806	813	rBB	302723	239899	14.41%	1.989%
7	6.987	828	833	836	rBV	1164683	1052855	63.26%	8.728%
8	7.398	897	903	906	rBV	780262	798072	47.95%	6.616%
9	8.110	1020	1024	1027	rBV	390432	311430	18.71%	2.582%
10	9.186	1202	1207	1210	rBV	1859148	1664405	100.00%	13.798%
11	9.580	1268	1274	1277	rBV	117622	102833	6.18%	0.853%
12	9.786	1305	1309	1313	rVB	36410	27899	1.68%	0.231%
13	9.869	1319	1323	1326	rBV	386758	335742	20.17%	2.783%
14	10.286	1391	1394	1397	rVB	39067	29427	1.77%	0.244%
15	10.663	1453	1458	1461	rBV	1002201	897024	53.89%	7.436%
16	10.757	1471	1474	1483	rVB	33866	34426	2.07%	0.285%
17	11.357	1572	1576	1579	rBV	394907	323044	19.41%	2.678%
18	11.874	1660	1664	1668	rBV	26083	25135	1.51%	0.208%
19	12.574	1777	1783	1787	rBV	24575	21166	1.27%	0.175%
20	12.804	1817	1822	1824	rBV	22876	20685	1.24%	0.171%
21	12.945	1841	1846	1849	rBV	1400080	1324503	79.58%	10.980%
22	13.821	1992	1995	2000	rBV	110998	118679	7.13%	0.984%
23	14.004	2022	2026	2029	rBV	284321	250462	15.05%	2.076%
24	15.051	2200	2204	2206	rBV3	15365	21612	1.30%	0.179%
25	15.480	2272	2277	2282	rBV	170120	214501	12.89%	1.778%
26	15.957	2354	2358	2363	rVB6	14292	20446	1.23%	0.170%

Sum of corrected areas: 12062500

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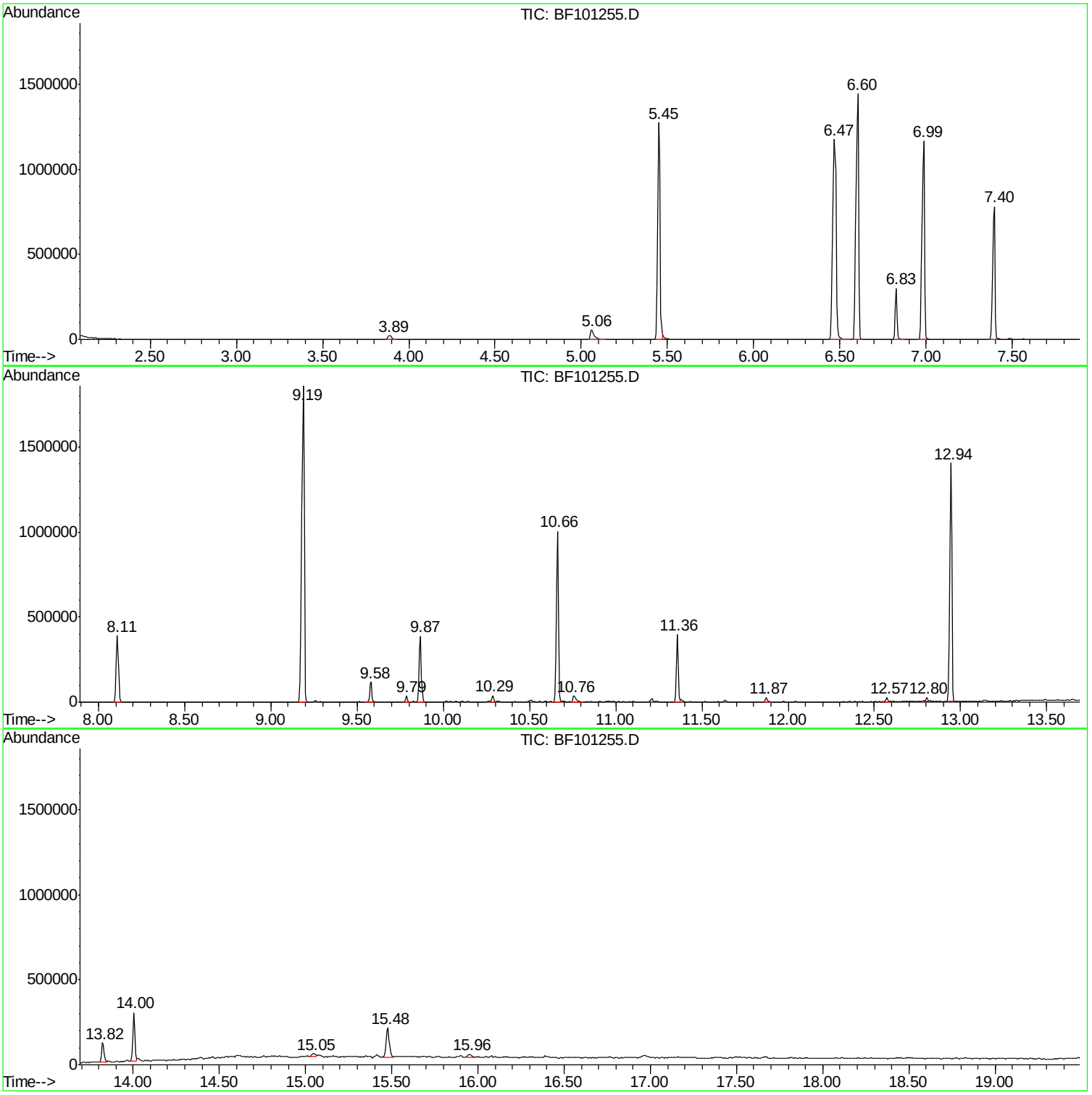
ENV-109-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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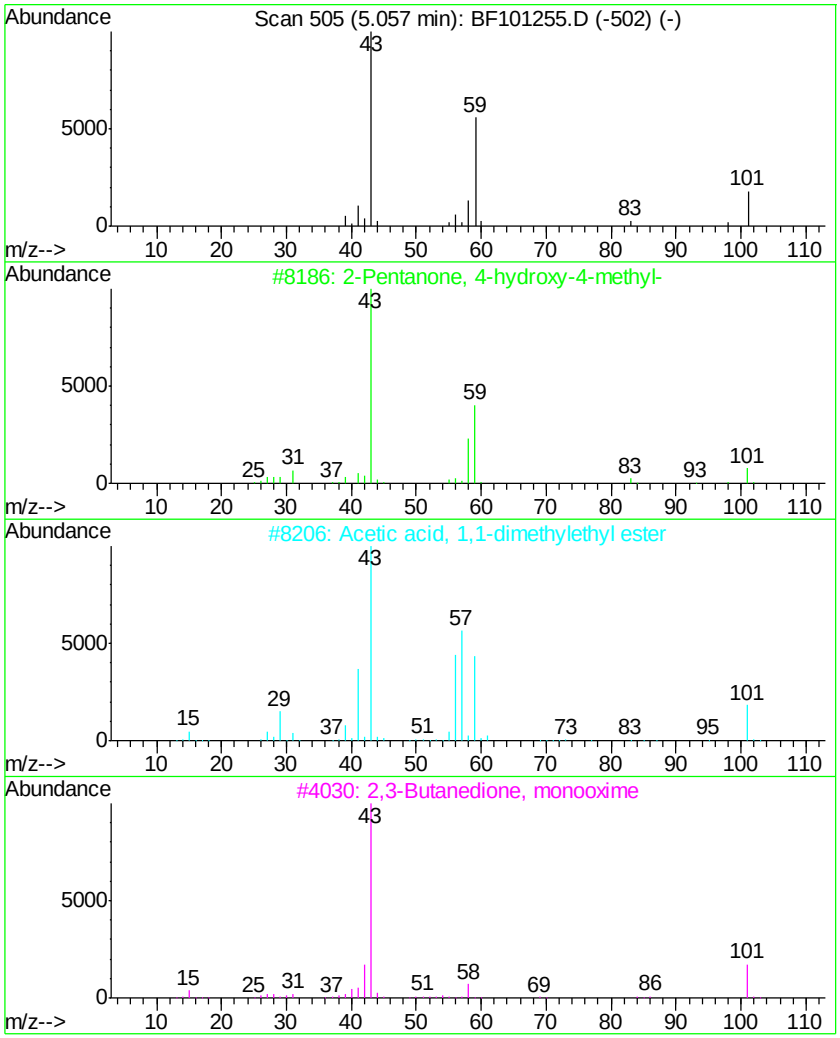
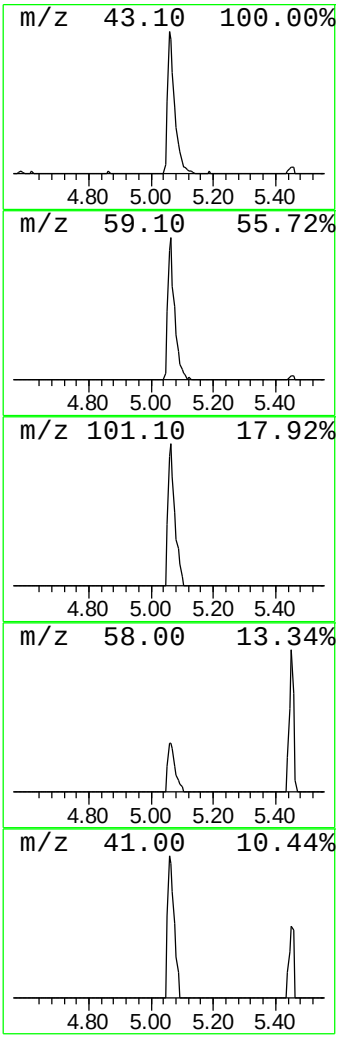
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	7.18 ng	86170	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





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Instrument : BNA_F
ClientSampleId : ENV-109-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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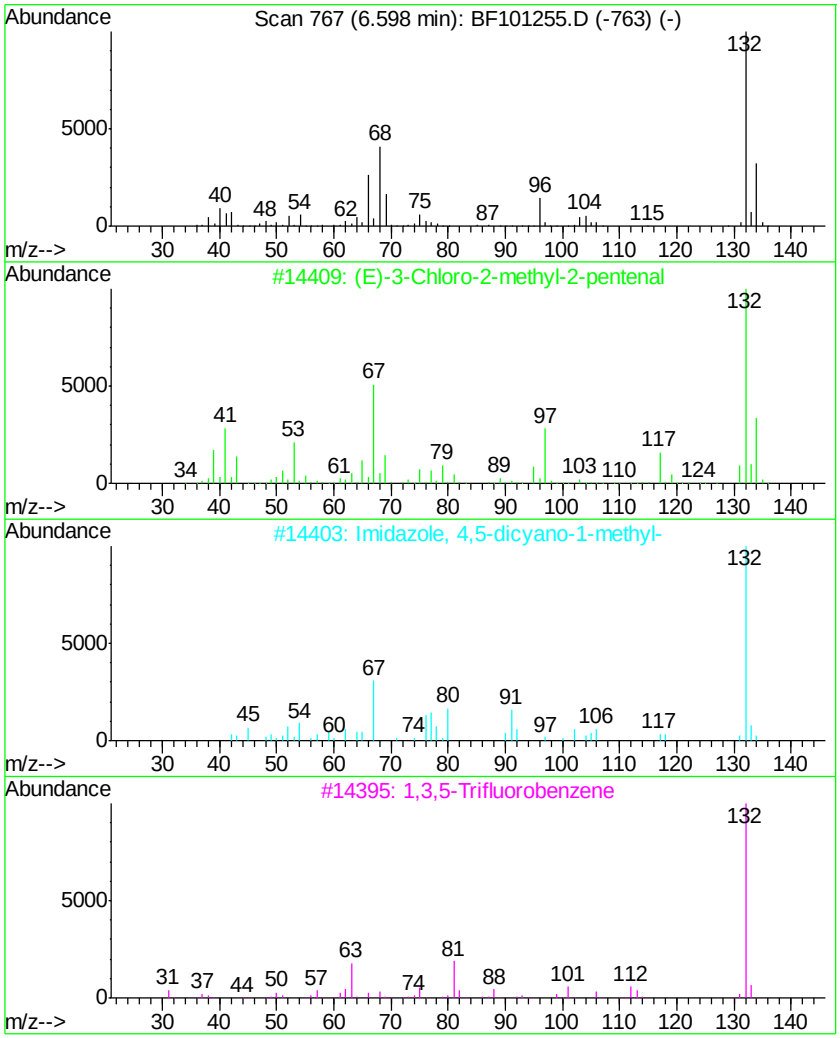
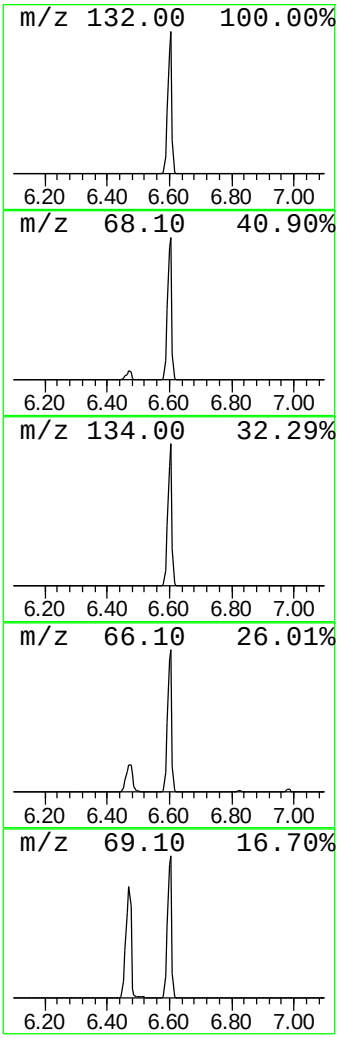
Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	114.71 ng	1375990	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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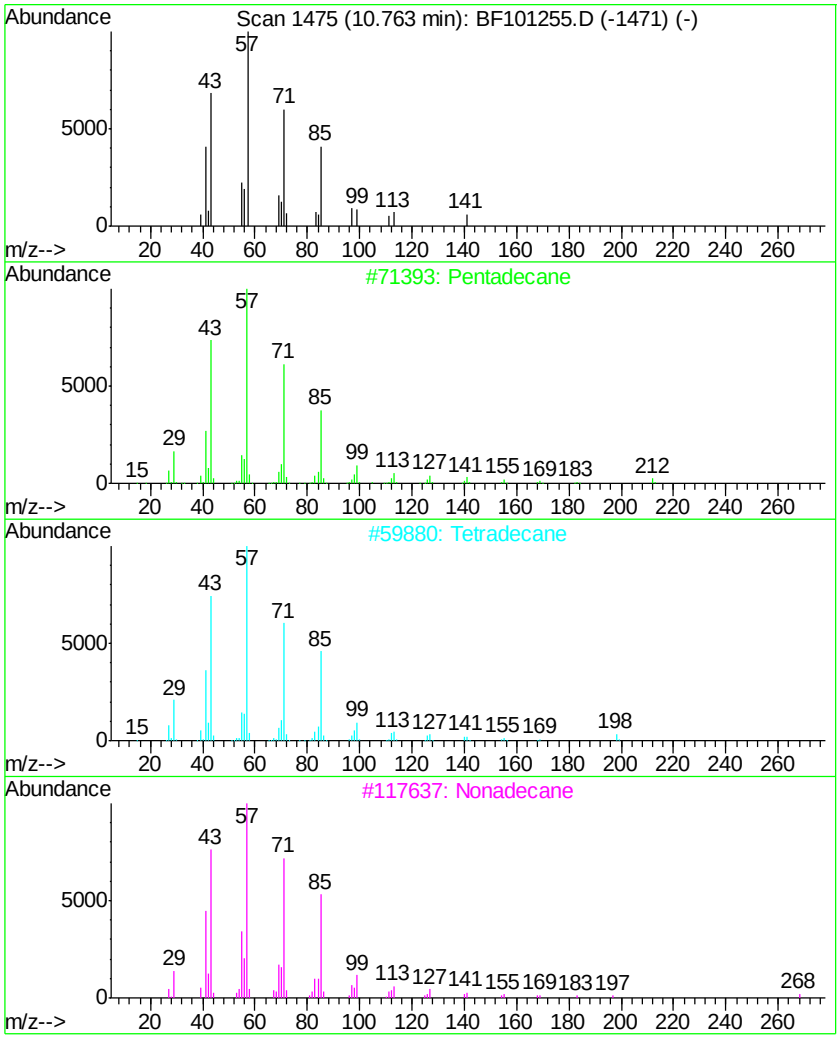
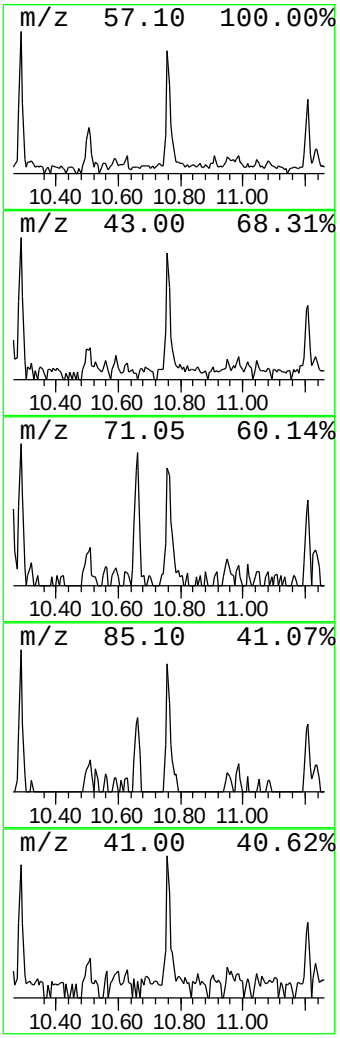
Peak Number 5 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.13 ng	34426	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tetradecane	198	C14H30	000629-59-4	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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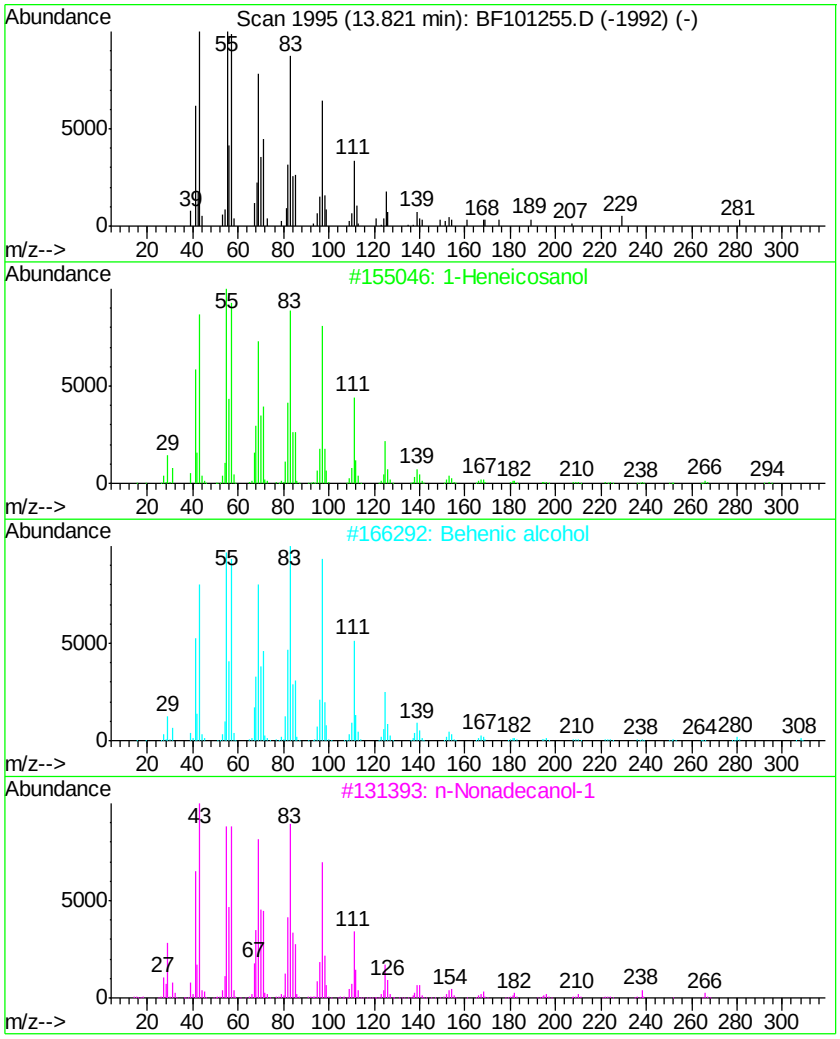
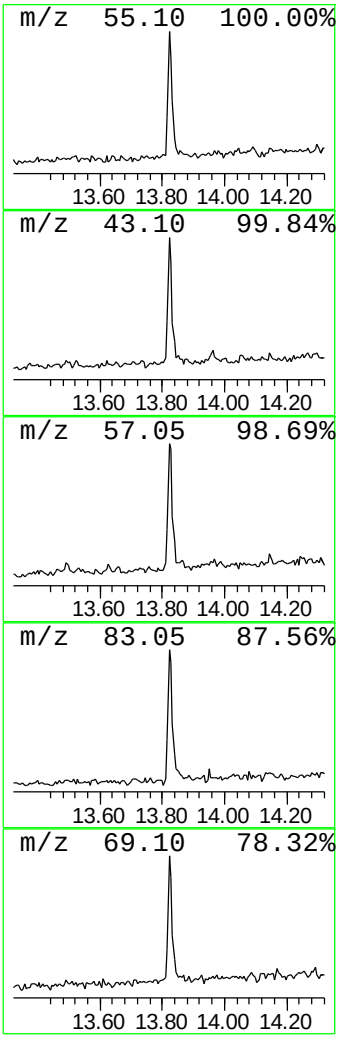
Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.48 ng	118679	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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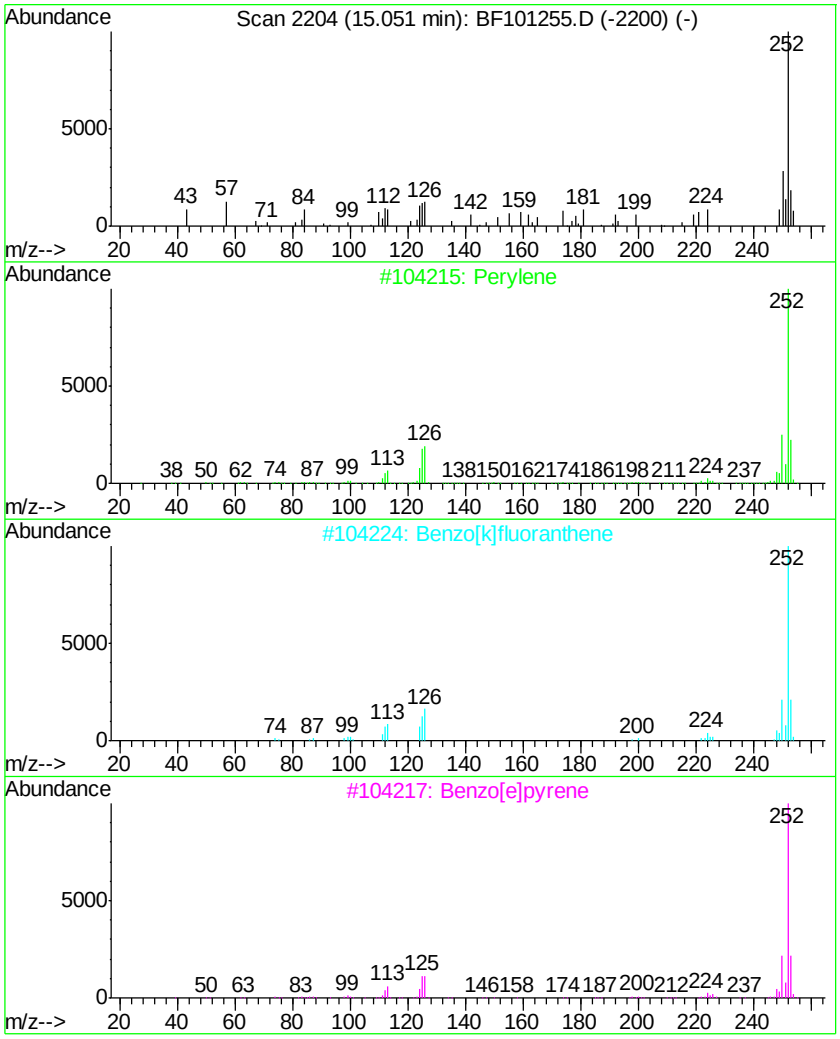
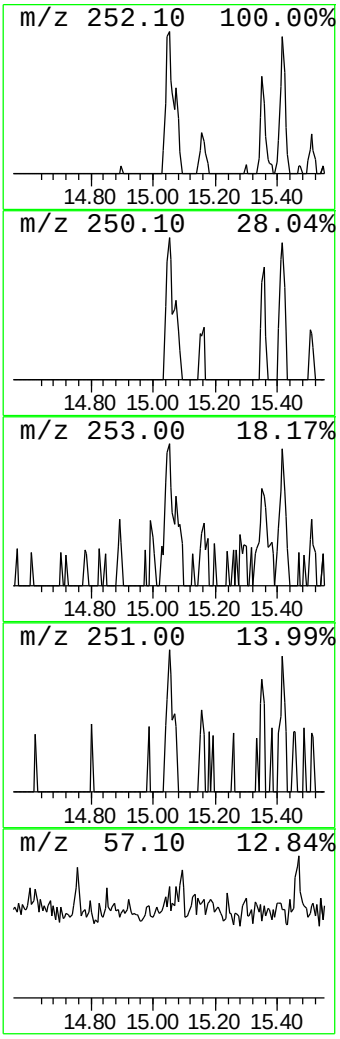
Peak Number 7 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.02 ng	21612	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
3	Benzo[e]pyrene	252	C20H12	000192-97-2	72
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	64
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	59





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	7.2	ng	86170	1	6.83	239899	20.0
unknown6.60	6.60	114.7	ng	1375990	1	6.83	239899	20.0
Pentadecane	10.76	2.1	ng	34426	4	11.36	323044	20.0
1-Heneicosanol	13.82	9.5	ng	118679	5	14.00	250462	20.0
Perylene	15.05	2.0	ng	21612	6	15.48	214501	20.0