LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094991.D
Acq On : 8 May 2017 21:09
Operator : SJ/MA
Sample : I3010-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2

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-BF050217.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	5.037	522	527	541	rBV	269516	567784	16.63%	2.127%
2	5.660	629	633	665	rBV	1800728	2790718	81.72%	10.452%
3	7.260	899	905	920	rBV	1974219	2900903	84.95%	10.865%
4	7.378	920	925	936	rVB	2360076	3113769	91.18%	11.662%
5	7.713	978	982	999	rVB	470614	573356	16.79%	2.147%
6	7.954	1018	1023	1033	rBV	2056052	2431105	71.19%	9.105%
7	8.619	1130	1136	1158	rBV	1397007	1921020	56.25%	7.195%
8	9.736	1321	1326	1346	rBV	562413	788480	23.09%	2.953%
9	11.513	1622	1628	1642	rBV	2647197	3414876	100.00%	12.790%
10	12.195	1740	1744	1756	rBV	221825	302964	8.87%	1.135%
11	12.560	1801	1806	1819	rBV2	614800	882021	25.83%	3.303%
12	13.407	1945	1950	1957	rBV	34480	41127	1.20%	0.154%
13	13.860	2021	2027	2043	rBV	1346138	1924089	56.34%	7.206%
14	14.177	2076	2081	2086	rBV	26396	37306	1.09%	0.140%
15	14.965	2210	2215	2229	rVB	521600	711485	20.83%	2.665%
16	15.589	2315	2321	2326	rVB	77183	87690	2.57%	0.328%
17	15.930	2375	2379	2390	rBV2	75397	108147	3.17%	0.405%
18	16.659	2498	2503	2507	rBV	68304	70283	2.06%	0.263%
19	17.295	2605	2611	2622	rBV	2176362	2753383	80.63%	10.312%
20	18.577	2819	2829	2834	rBV7	21101	66282	1.94%	0.248%
21	18.636	2834	2839	2846	rVV	445524	599993	17.57%	2.247%
22	18.695	2846	2849	2854	rVB	35495	39757	1.16%	0.149%
23	20.300	3118	3122	3132	rBV	379662	537662	15.74%	2.014%
24	23.729	3697	3705	3714	rVB	11036	35774	1.05%	0.134%

Sum of corrected areas: 26699974

LSC Report - Integrated Chromatogram

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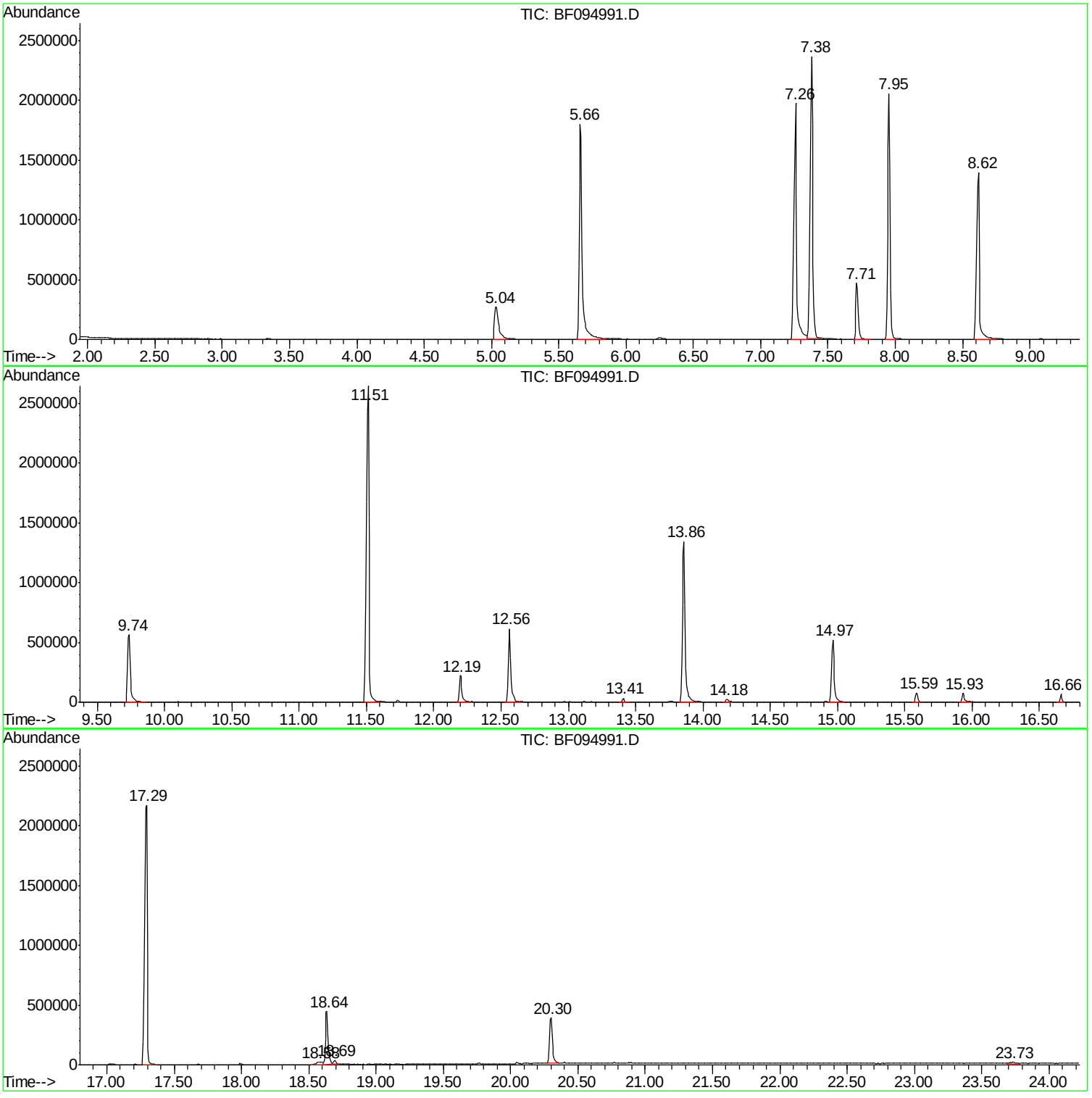
ClientSampleId : S-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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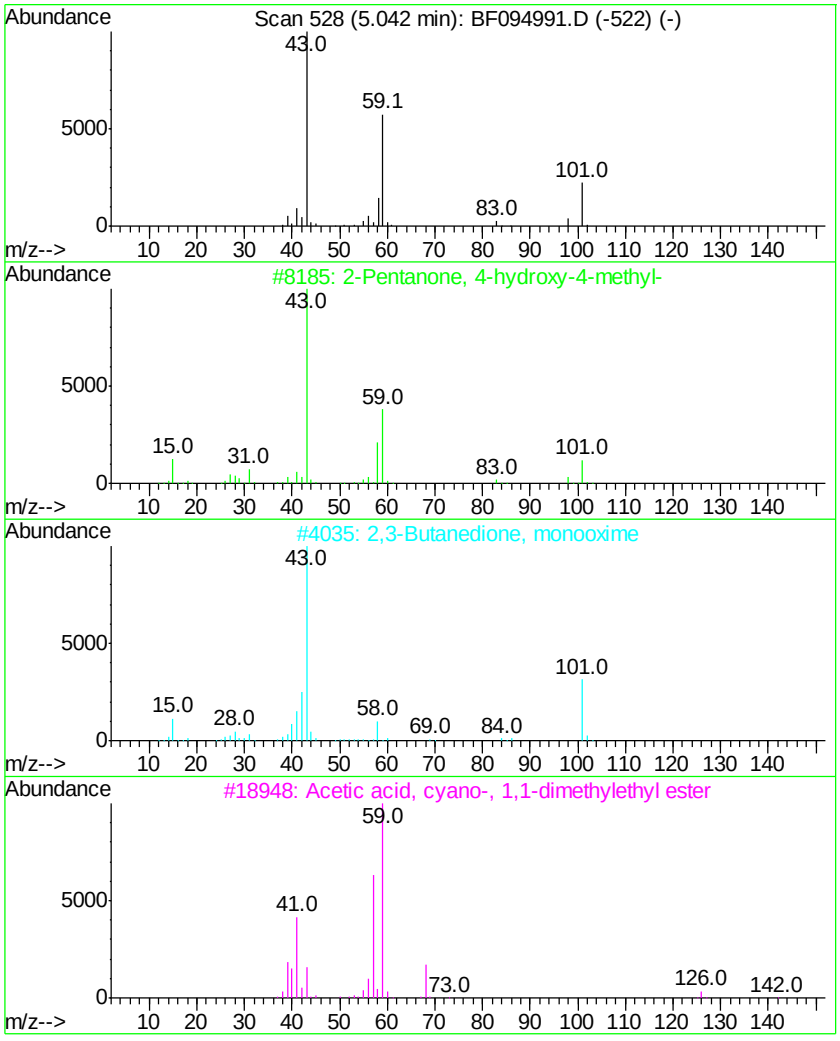
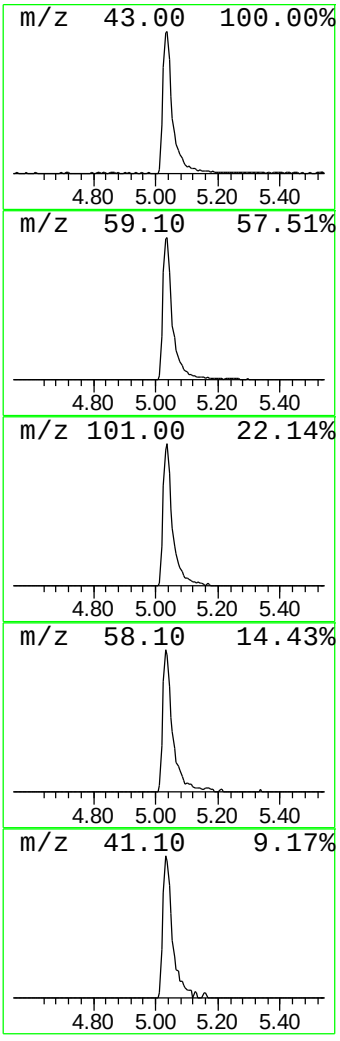
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	19.81 ng	567784	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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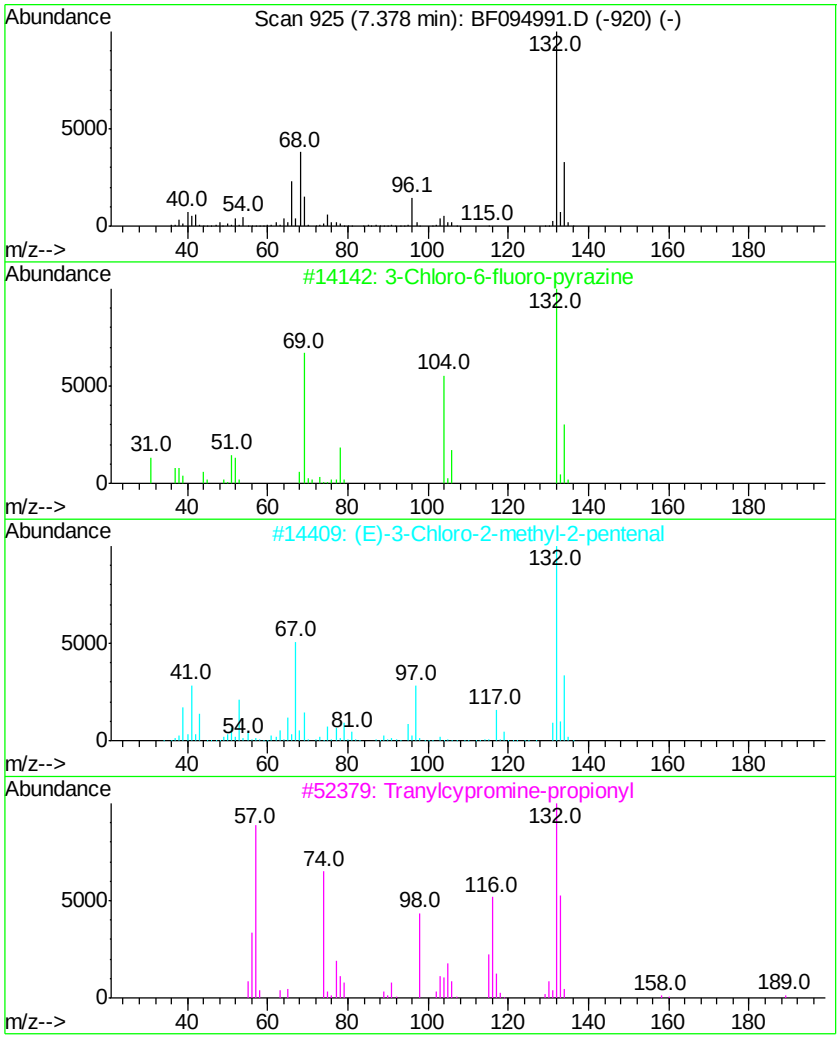
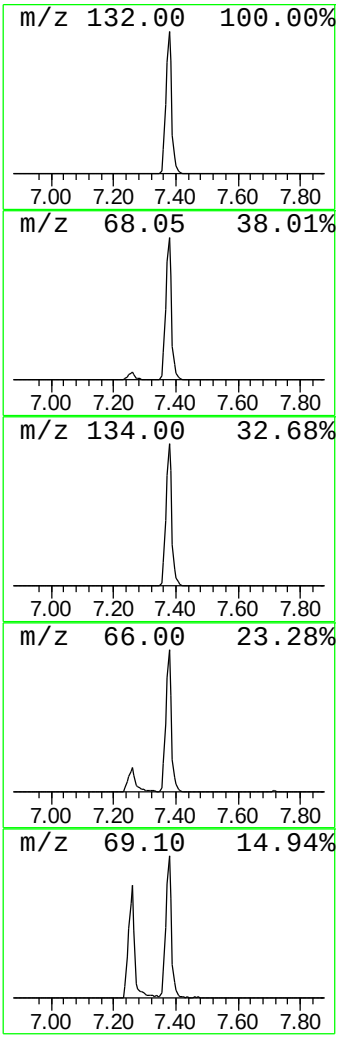
Peak Number 2 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	108.62 ng	3113770	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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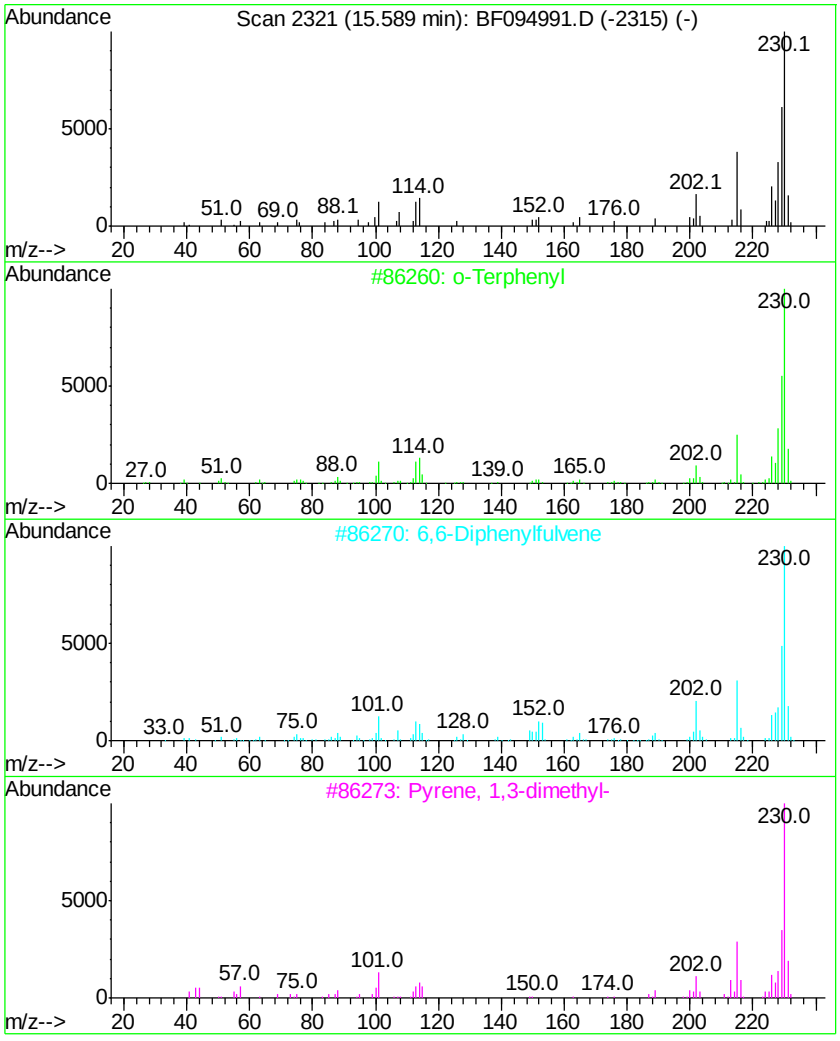
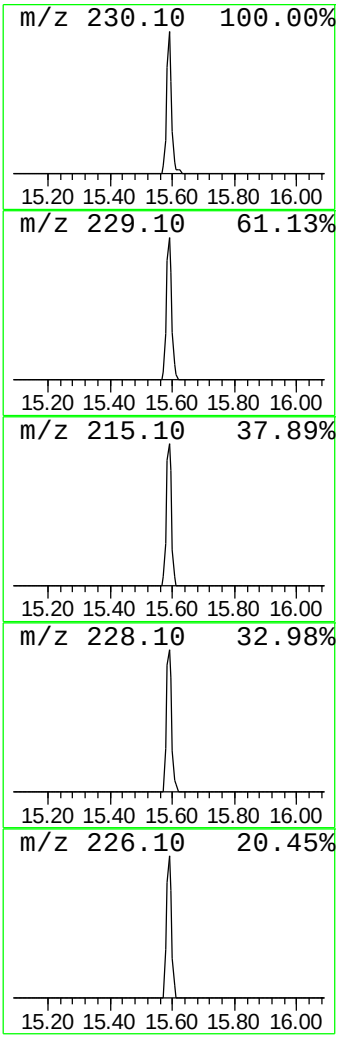
Peak Number 4 o-Terphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.46 ng	87690	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	99
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	86
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	74
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	62





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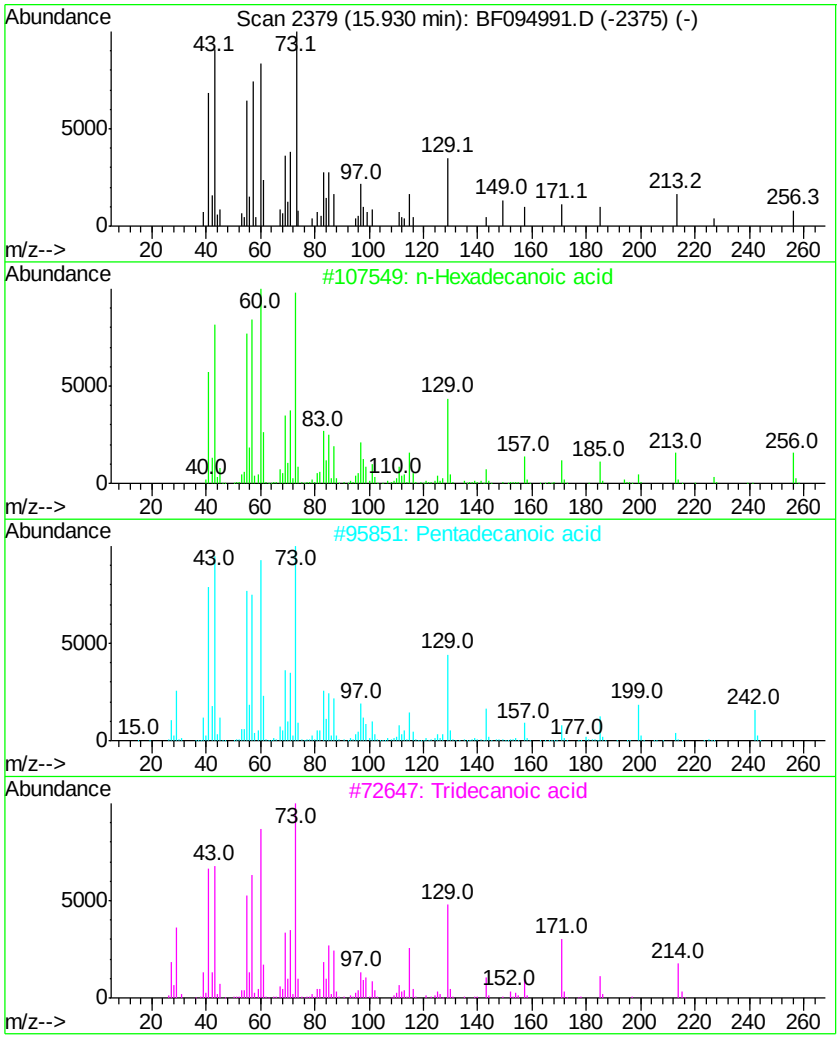
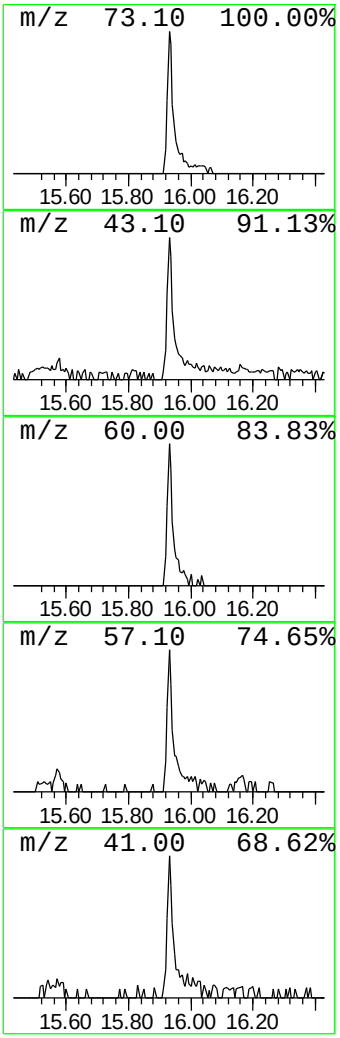
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.04 ng	108147	Phenanthrene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18





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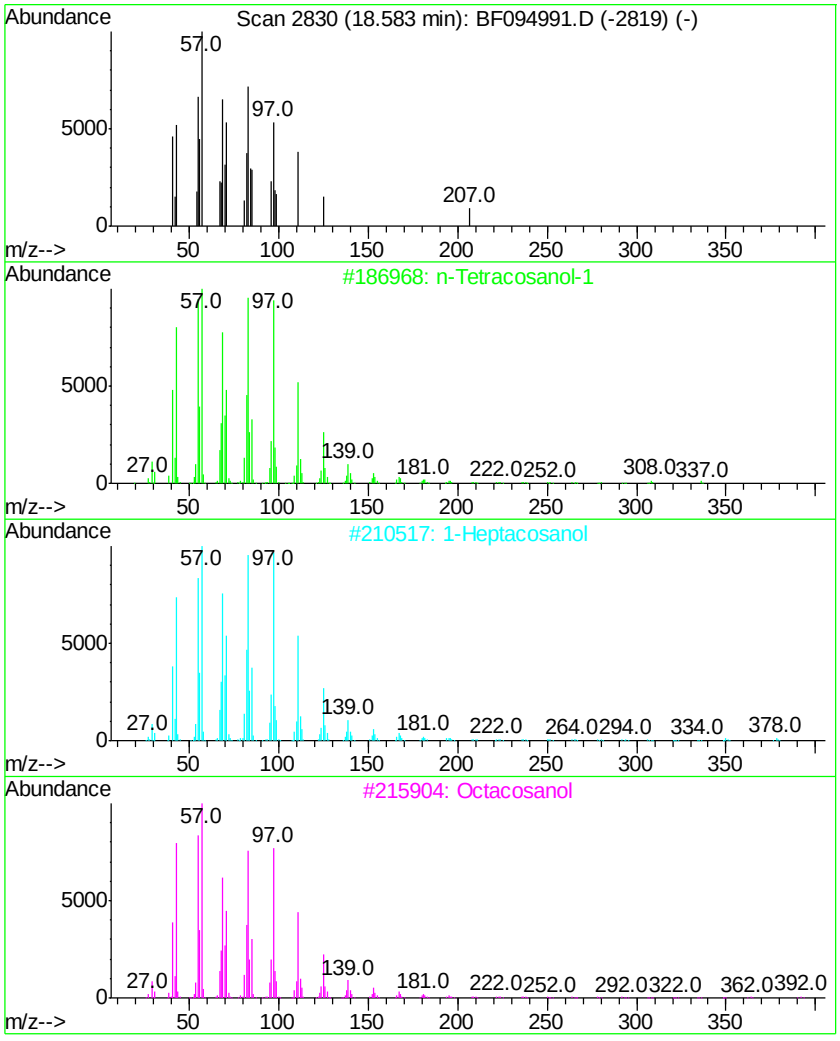
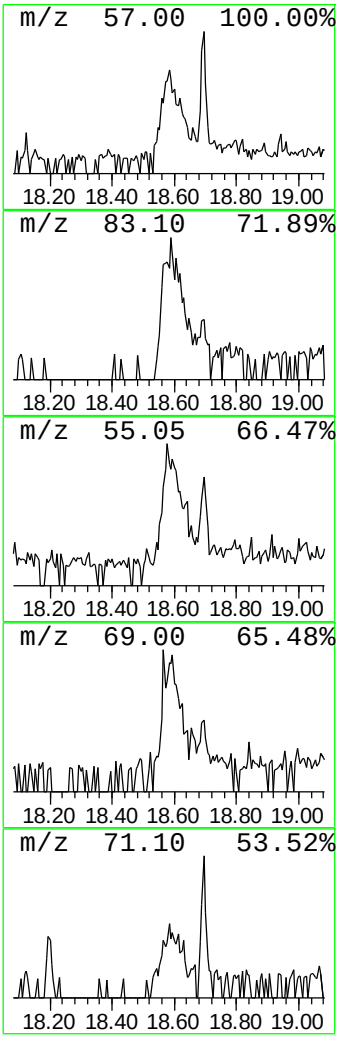
Peak Number 6 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	2.21 ng	66282	Chrysene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Octacosanol	410	C28H58O	000557-61-9	87
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	87
5	Behenic alcohol	326	C22H46O	000661-19-8	86





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...	5.04	19.8	ng	567784	1	7.71	573356	20.0
unknown7.38	7.38	108.6	ng	3113770	1	7.71	573356	20.0
o-Terphenyl	15.59	2.5	ng	87690	4	14.97	711485	20.0
n-Hexadecanoic acid	15.93	3.0	ng	108147	4	14.97	711485	20.0
n-Tetracosanol-1	18.58	2.2	ng	66282	5	18.64	599993	20.0