LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 359-GRID-A1-A3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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	4.925	366	372	387	rBV	1207083	1721276	54.12%	8.291%
2	6.496	633	639	654	rBV	1146671	1815542	57.09%	8.745%
3	6.937	707	714	722	rBV3	27904	64124	2.02%	0.309%
4	7.278	765	772	783	rBV	389031	586390	18.44%	2.824%
5	8.431	961	968	978	rBV	701492	1147633	36.09%	5.528%
6	10.036	1231	1241	1246	rBV	472114	781676	24.58%	3.765%
7	10.084	1246	1249	1255	rVB	23845	37175	1.17%	0.179%
8	11.713	1520	1526	1533	rVB3	18162	33348	1.05%	0.161%
9	12.548	1662	1668	1677	rVB	1526395	2191884	68.92%	10.557%
10	12.866	1715	1722	1726	rBV4	17903	34231	1.08%	0.165%
11	13.425	1809	1817	1822	rBV	223436	331029	10.41%	1.594%
12	13.666	1852	1858	1865	rVB	40057	68916	2.17%	0.332%
13	13.830	1881	1886	1893	rBV7	12003	32232	1.01%	0.155%
14	13.948	1900	1906	1912	rBV	671521	930202	29.25%	4.480%
15	14.513	1995	2002	2007	rBV9	21705	63338	1.99%	0.305%
16	15.460	2157	2163	2171	rBV	1335433	1788769	56.25%	8.616%
17	15.718	2199	2207	2209	rBV6	29795	68517	2.15%	0.330%
18	15.742	2209	2211	2220	rVB	40761	58696	1.85%	0.283%
19	16.295	2301	2305	2309	rBV5	22796	34671	1.09%	0.167%
20	16.565	2348	2351	2355	rVB	34097	47747	1.50%	0.230%
21	16.713	2371	2376	2380	rBV	790861	1038207	32.65%	5.001%
22	16.754	2380	2383	2388	rVB	92112	125525	3.95%	0.605%
23	16.848	2395	2399	2404	rVB	55116	80202	2.52%	0.386%
24	17.654	2532	2536	2541	rVB2	86289	123345	3.88%	0.594%
25	17.783	2554	2558	2562	rBV2	71830	107469	3.38%	0.518%
26	18.530	2681	2685	2689	rBV	63001	88252	2.78%	0.425%
27	18.789	2725	2729	2734	rVB	348942	419568	13.19%	2.021%
28	19.154	2787	2791	2795	rVB	320670	383130	12.05%	1.845%
29	19.383	2825	2830	2839	rVB	2708429	3180211	100.00%	15.318%
30	20.689	3049	3052	3057	rBV	399834	445822	14.02%	2.147%
31	20.895	3084	3087	3089	rBV	157520	161865	5.09%	0.780%
32	20.942	3089	3095	3099	rBV2	1098396	1640100	51.57%	7.900%
33	23.006	3442	3446	3451	rVB	775586	1130841	35.56%	5.447%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20761933

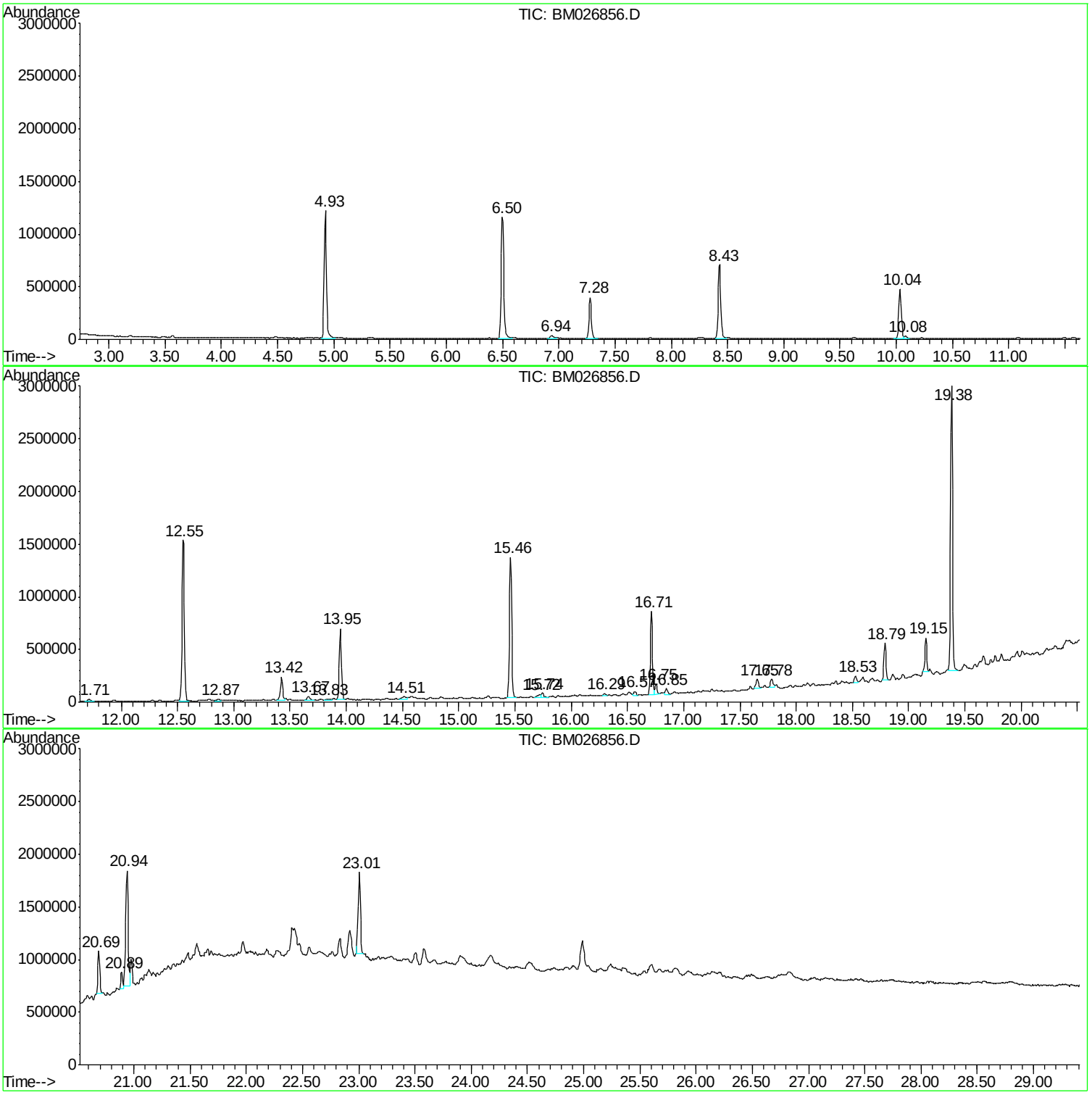
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 359-GRID-A1-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

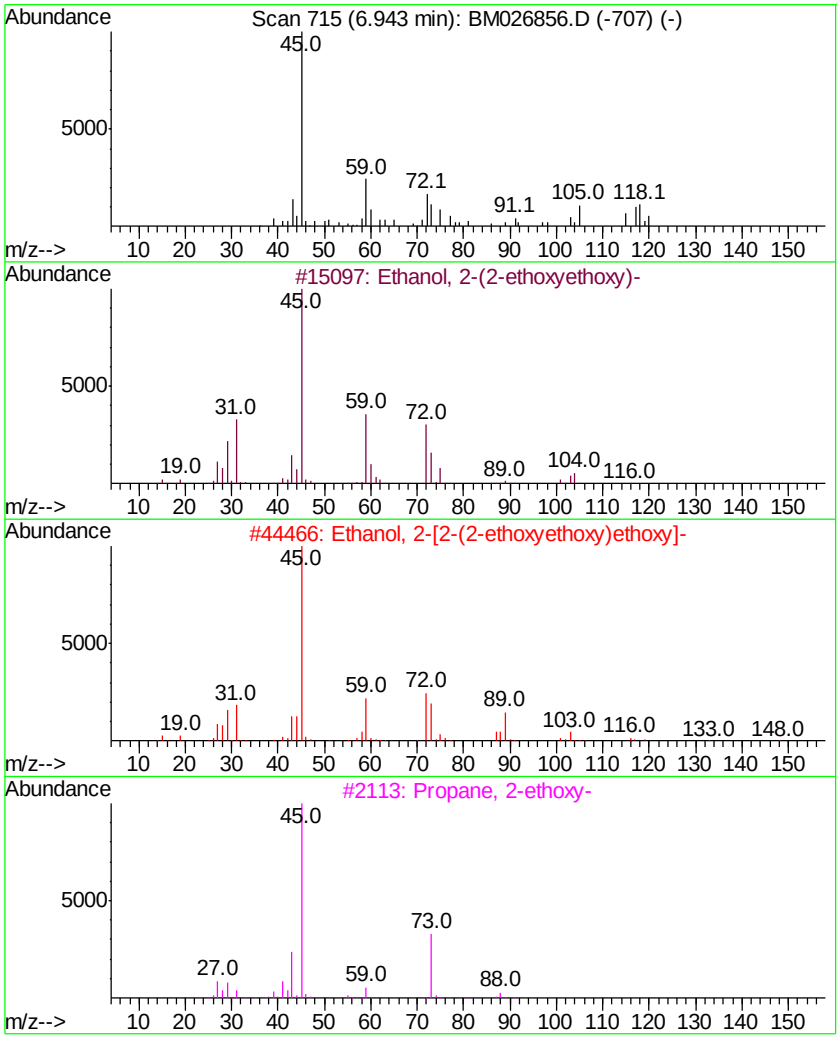
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

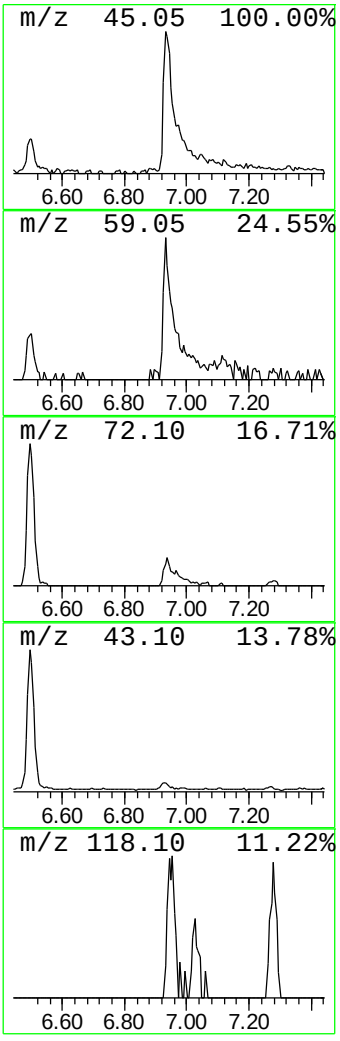
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	2.19 ng	64124	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	47
4	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	40
5	Butane, 1,2,4-trimethoxy-	148	C7H16O3	020637-48-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 359-GRID-A1-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

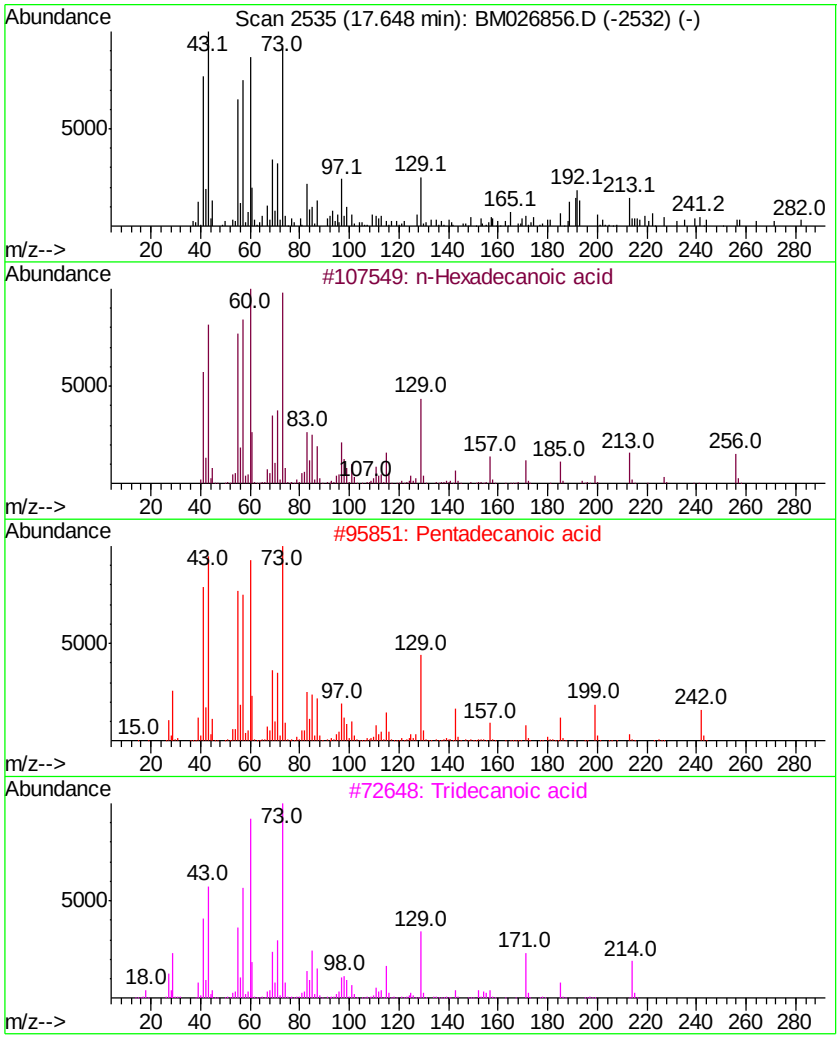
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

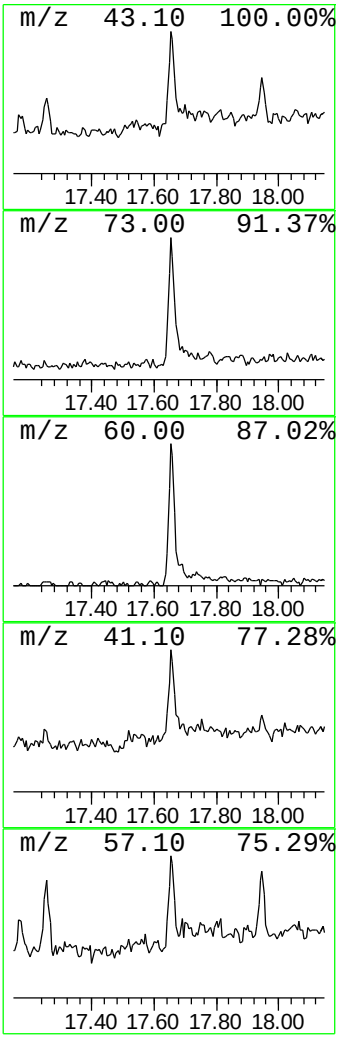
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	2.38 ng	123345	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	52
5	Silver butanoate	194	C4H7AgO2	005076-24-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 359-GRID-A1-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

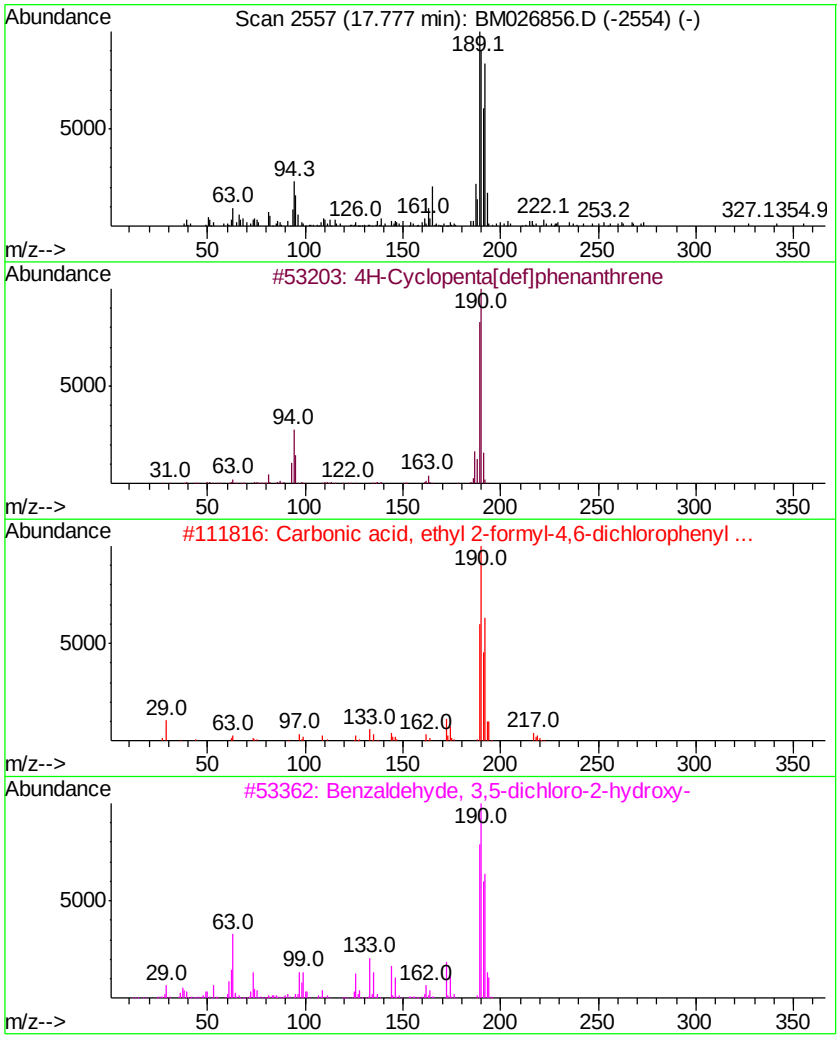
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

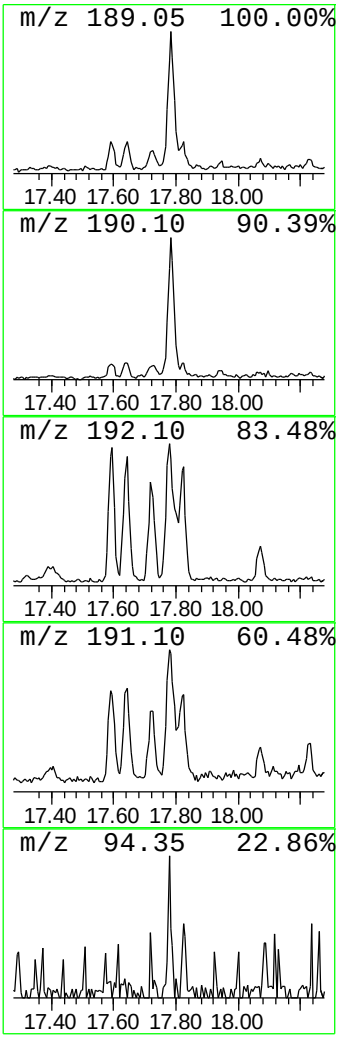
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.07 ng	107469	Phenanthrene-d10	16.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	38
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 359-GRID-A1-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

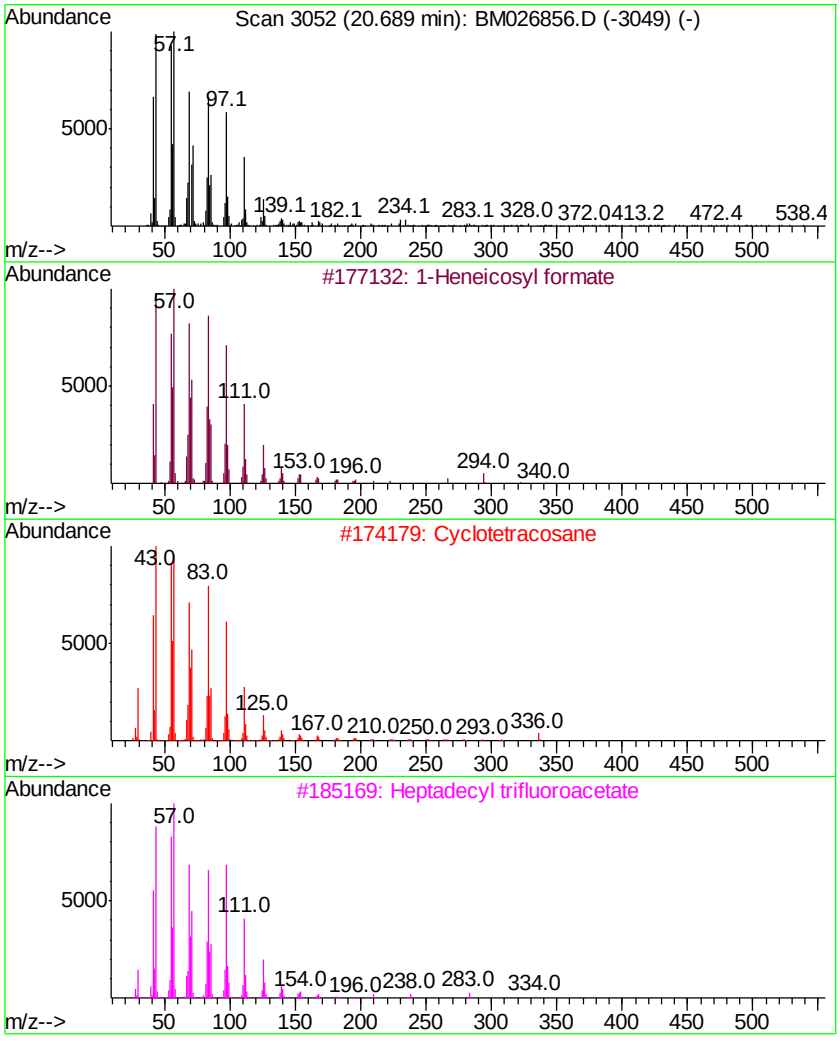
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

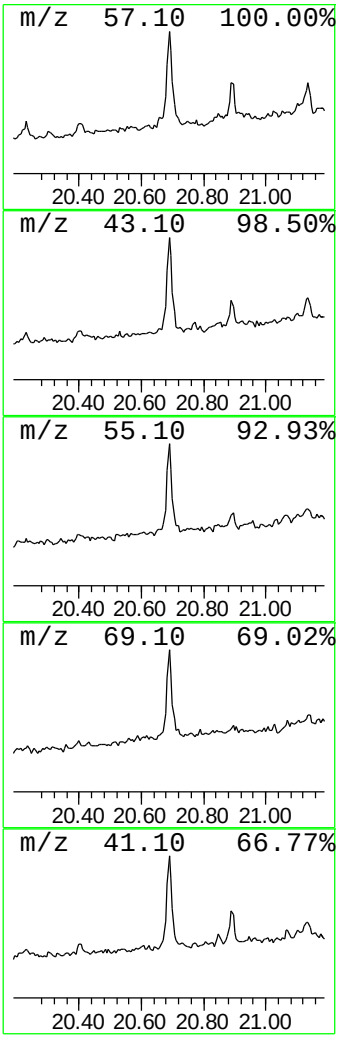
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	5.44 ng	445822	Chrysene-d12	20.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
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Instrument : BNA_M
ClientSampleId : 359-GRID-A1-A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.94	2.2	ng	64124	1	7.28	586390	20.0
n-Hexadecanoic acid	17.65	2.4	ng	123345	4	16.71	1038210	20.0
4H-Cyclopenta[def...	17.78	2.1	ng	107469	4	16.71	1038210	20.0
1-Heneicosyl formate	20.69	5.4	ng	445822	5	20.94	1640100	20.0