LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
Data File : BM022481.D
Acq On : 01 Sep 2019 17:35
Operator : HP/JU
Sample : K4619-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP6-COMP

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-BM082919.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	5.128	359	364	382	rVB	166947	254388	33.12%	6.642%
2	6.704	627	632	647	rBV	145268	264185	34.39%	6.898%
3	7.045	684	690	702	rBV	180331	291936	38.00%	7.622%
4	7.504	763	768	776	rBB	53631	80673	10.50%	2.106%
5	7.816	815	821	830	rBB	139245	227698	29.64%	5.945%
6	8.686	963	969	989	rBV2	72018	155197	20.20%	4.052%
7	10.286	1235	1241	1256	rBV	39200	87042	11.33%	2.273%
8	12.774	1658	1664	1679	rBV	189643	331970	43.22%	8.668%
9	13.674	1812	1817	1823	rBV2	7335	12272	1.60%	0.320%
10	14.174	1897	1902	1912	rBV	74739	121924	15.87%	3.183%
11	15.692	2155	2160	2176	rBB	196815	339812	44.24%	8.872%
12	16.945	2368	2373	2385	rBV	85118	150812	19.63%	3.938%
13	17.833	2520	2524	2535	rBV3	9917	20621	2.68%	0.538%
14	19.133	2740	2745	2754	rBV4	9280	18057	2.35%	0.471%
15	19.392	2785	2789	2794	rBV2	5261	8024	1.04%	0.210%
16	19.586	2817	2822	2831	rBV	597502	768152	100.00%	20.056%
17	20.850	3028	3037	3041	rBV7	23957	49112	6.39%	1.282%
18	20.950	3051	3054	3059	rBV2	9526	14136	1.84%	0.369%
19	21.162	3085	3090	3099	rBV2	177655	279690	36.41%	7.303%
20	22.150	3254	3258	3262	rBV2	20374	29369	3.82%	0.767%
21	22.627	3337	3339	3345	rVB4	24390	30566	3.98%	0.798%
22	23.168	3428	3431	3438	rVB5	25419	35740	4.65%	0.933%
23	23.344	3456	3461	3471	rVB2	127865	258608	33.67%	6.752%

Sum of corrected areas: 3829984

LSC Report - Integrated Chromatogram

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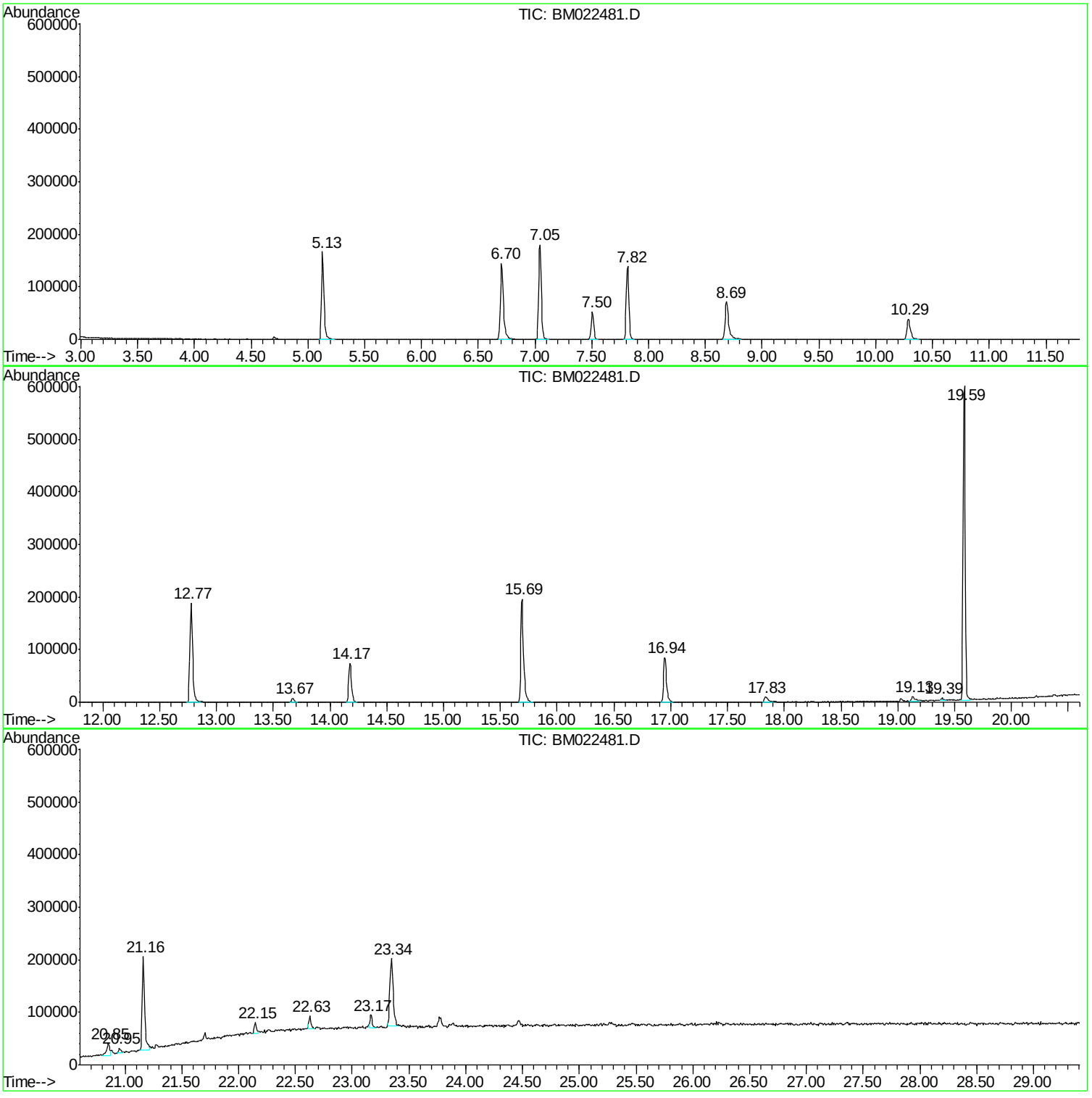
Instrument : BNA_M
ClientSampleId : TP6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.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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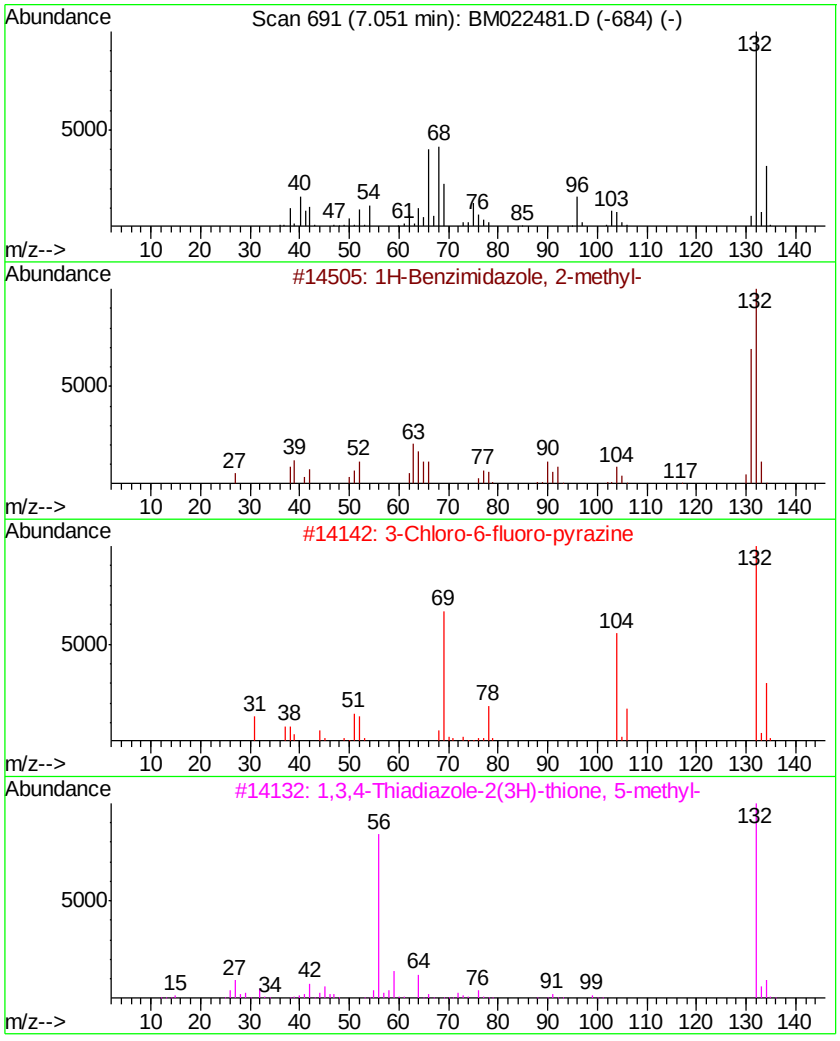
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

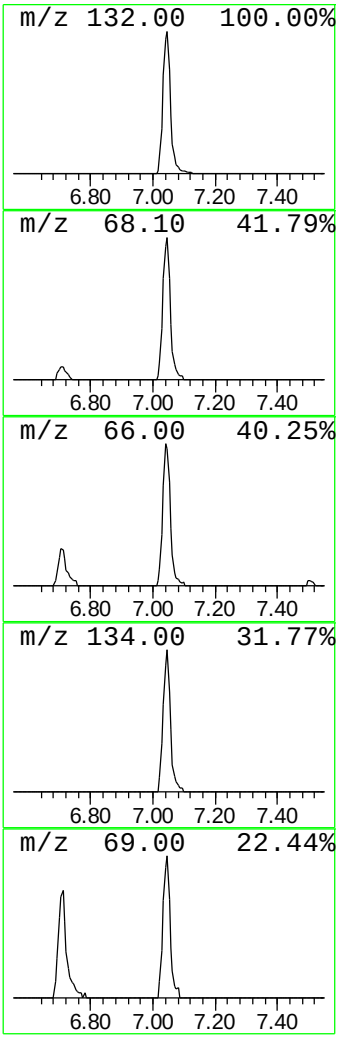
****

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	72.38 ng	291936	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TP6-COMP

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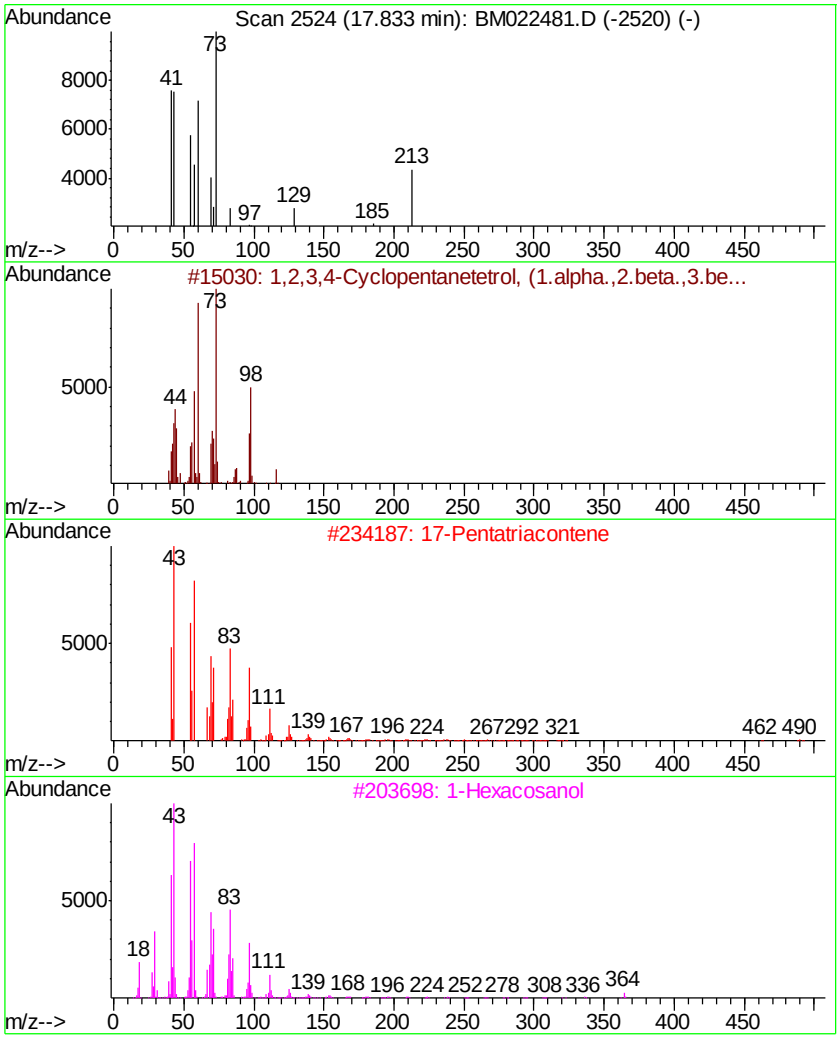
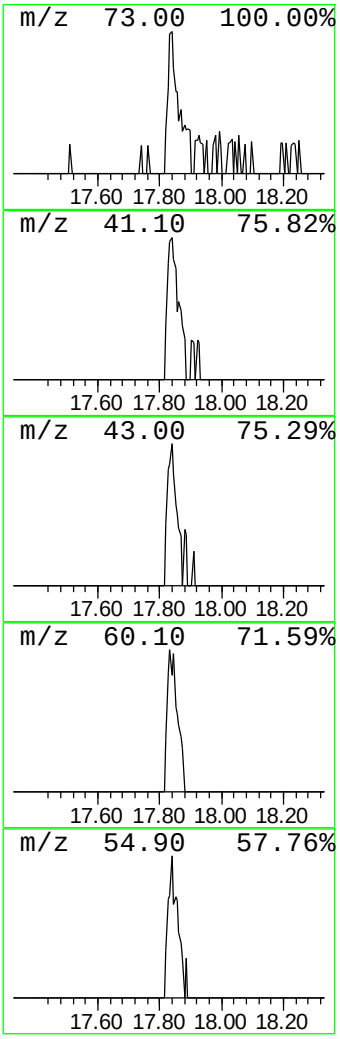
Peak Number 3 unknown17.83 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.73 ng	20621	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Cyclopentanetetrol, (1.a...	134	C5H10O4	014003-71-5	32
2	17-Pentatriacontene	491	C35H70	006971-40-0	22
3	1-Hexacosanol	382	C26H54O	000506-52-5	22
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	22
5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	22





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP6-COMP

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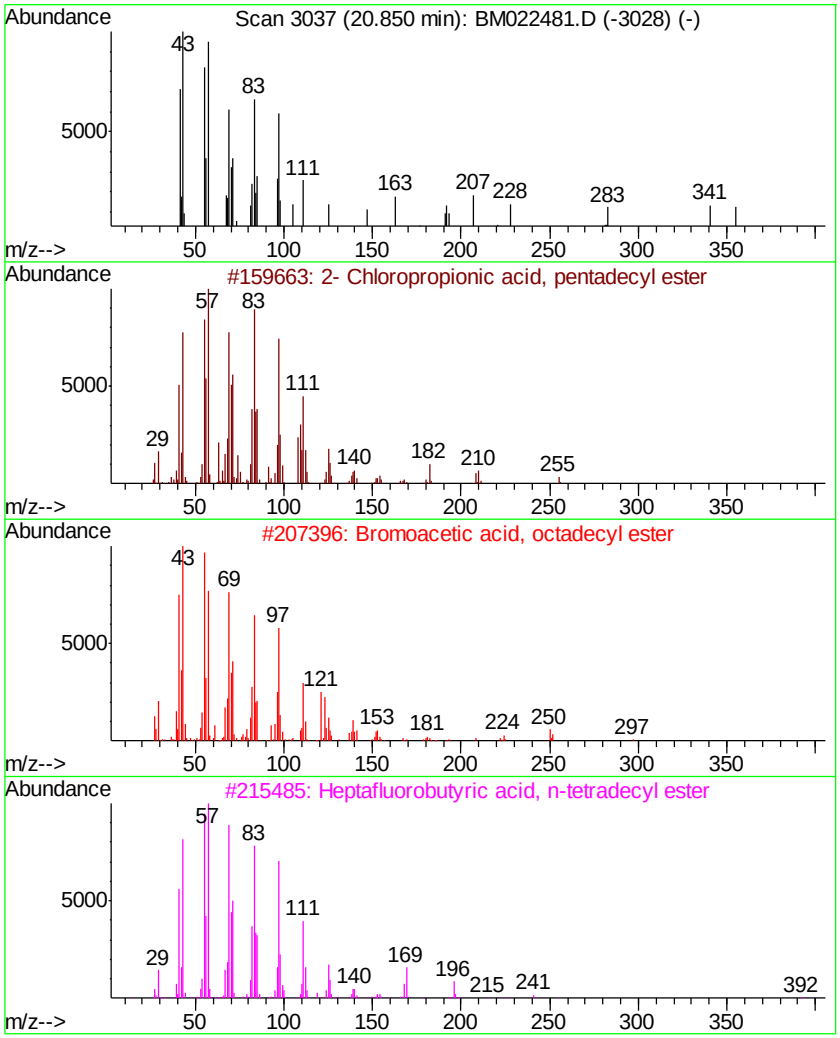
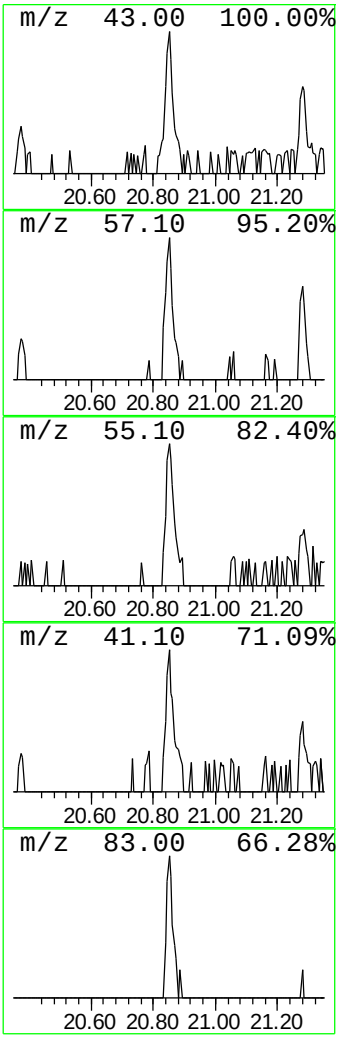
Peak Number 4 2- Chloropropionic acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.51 ng	49112	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	76
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	76
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	76
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	76





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Instrument : BNA_M
ClientSampleId : TP6-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
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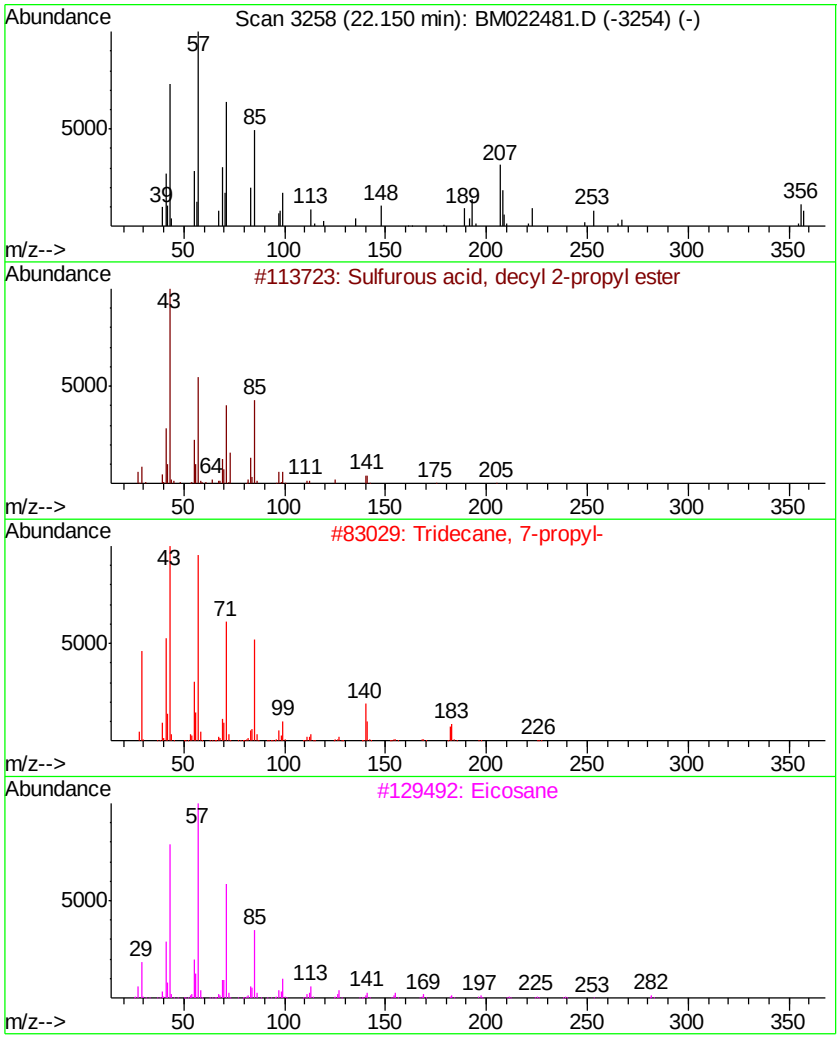
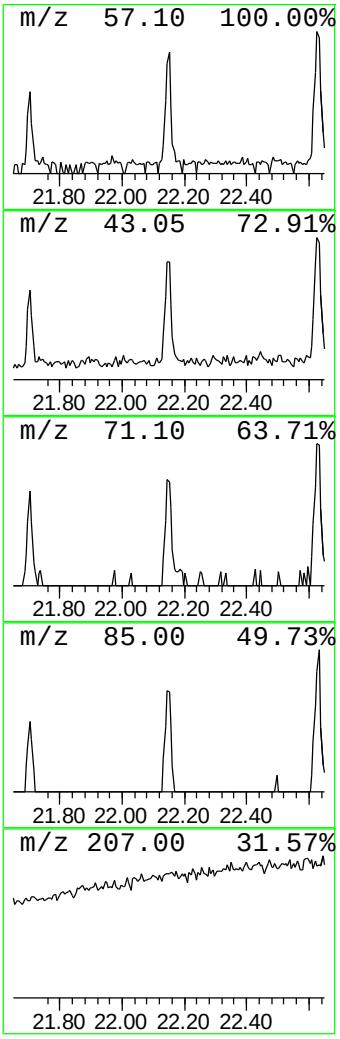
Peak Number 5 unknown22.15 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.10 ng	29369	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	38
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	38
3	Eicosane	282	C20H42	000112-95-8	38
4	Tetracosane	338	C24H50	000646-31-1	38
5	Heneicosane	296	C21H44	000629-94-7	38





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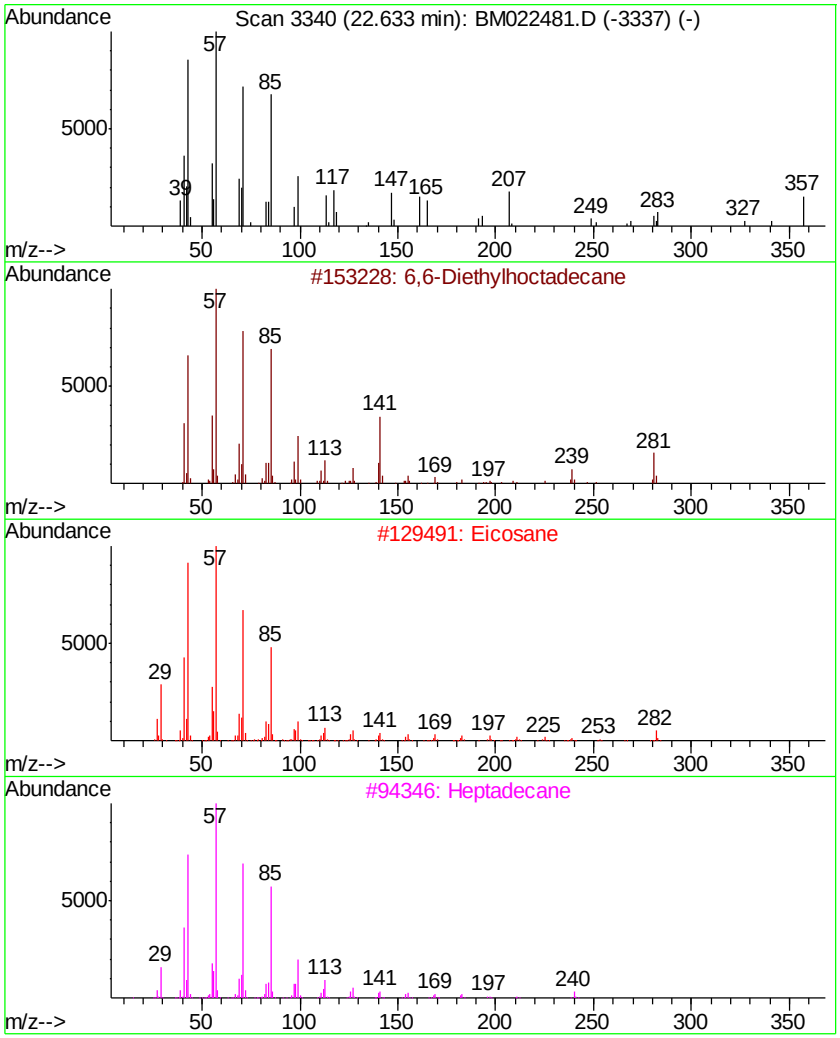
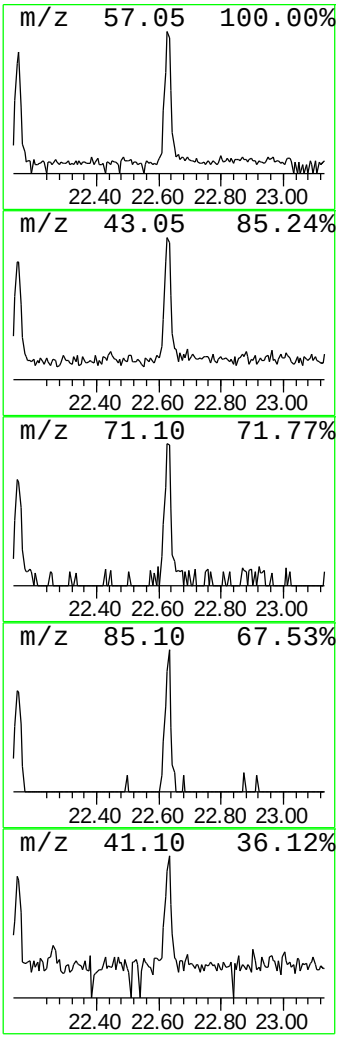
Peak Number 6 6,6-Diethylhoctadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.36 ng	30566	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	50
2	Eicosane	282	C20H42	000112-95-8	49
3	Heptadecane	240	C17H36	000629-78-7	47
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	47
5	Pentacosane	352	C25H52	000629-99-2	47





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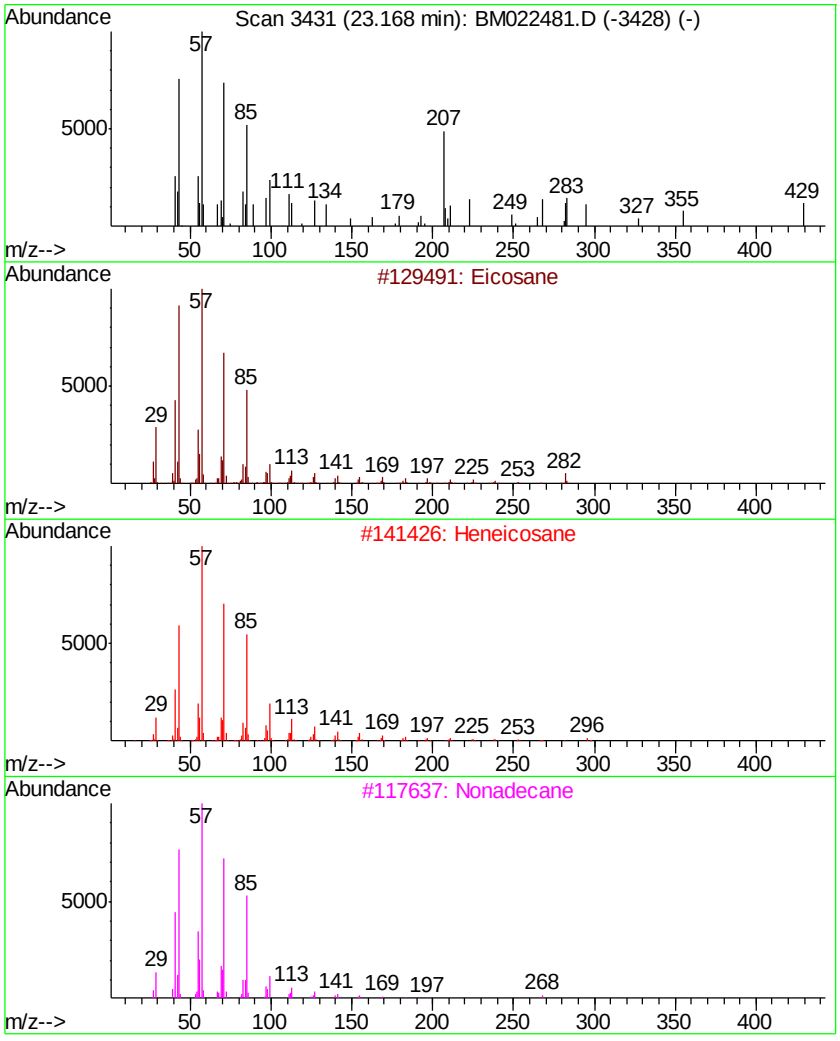
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

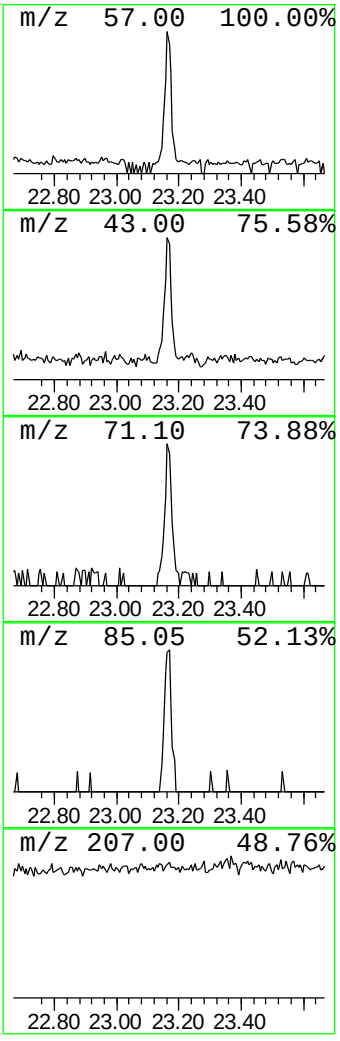
****

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.76 ng	35740	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	53
2	Heneicosane	296	C21H44	000629-94-7	49
3	Nonadecane	268	C19H40	000629-92-5	49
4	Pentacosane	352	C25H52	000629-99-2	49
5	Octacosane	394	C28H58	000630-02-4	47





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
unknown7.05	7.05	72.4	ng	291936	1	7.50	80673	20.0
unknown17.83	17.83	2.7	ng	20621	4	16.95	150812	20.0
2- Chloropropioni...	20.85	3.5	ng	49112	5	21.16	279690	20.0
unknown22.15	22.15	2.1	ng	29369	5	21.16	279690	20.0
6,6-Diethylhoctad...	22.63	2.4	ng	30566	6	23.34	258608	20.0
Eicosane	23.17	2.8	ng	35740	6	23.34	258608	20.0