LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

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_P\METHODS\8270-BP071020.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	4.717	305	311	321	rVB2	49364	79183	1.15%	0.159%
2	5.187	384	391	417	rBV	2892680	4418855	64.23%	8.888%
3	6.764	651	659	675	rBV	2830838	4806322	69.86%	9.668%
4	7.169	723	728	748	rBV	108157	223315	3.25%	0.449%
5	7.558	786	794	804	rBV	845272	1350280	19.63%	2.716%
6	8.705	981	989	1009	rBV	1896660	3252959	47.28%	6.543%
7	10.328	1257	1265	1283	rBV	1119907	1979554	28.77%	3.982%
8	12.822	1682	1689	1707	rBV	3820451	6329595	92.00%	12.731%
9	13.669	1828	1833	1841	rBV	637306	953243	13.86%	1.917%
10	14.210	1918	1925	1934	rBV	1651010	2549004	37.05%	5.127%
11	15.716	2174	2181	2192	rBV	2877117	4523907	65.75%	9.099%
12	16.228	2265	2268	2274	rVB	60311	89070	1.29%	0.179%
13	16.969	2388	2394	2404	rBV	1880665	2712013	39.42%	5.455%
14	17.051	2404	2408	2412	rBV3	43436	86517	1.26%	0.174%
15	17.092	2412	2415	2420	rVB2	77710	101539	1.48%	0.204%
16	17.898	2548	2552	2559	rBV	116285	166969	2.43%	0.336%
17	18.375	2630	2633	2639	rVB	69190	104048	1.51%	0.209%
18	18.628	2672	2676	2681	rBV	606173	741779	10.78%	1.492%
19	18.722	2688	2692	2699	rBV	122296	166639	2.42%	0.335%
20	18.786	2699	2703	2705	rBV	52149	77655	1.13%	0.156%
21	19.063	2747	2750	2755	rVB3	48036	70954	1.03%	0.143%
22	19.251	2779	2782	2786	rVB	124253	133068	1.93%	0.268%
23	19.563	2829	2835	2840	rBV	5161537	6880071	100.00%	13.839%
24	19.775	2867	2871	2875	rBV2	61539	82590	1.20%	0.166%
25	20.192	2938	2942	2946	rVB3	188296	227076	3.30%	0.457%
26	20.239	2946	2950	2955	rVB	115583	164110	2.39%	0.330%
27	20.445	2981	2985	2989	rBV	362458	426993	6.21%	0.859%
28	20.810	3043	3047	3057	rBV	953381	1403217	20.40%	2.822%
29	21.080	3088	3093	3097	rBV	1567611	2038506	29.63%	4.100%
30	21.686	3192	3196	3206	rVB3	335085	598030	8.69%	1.203%
31	22.627	3352	3356	3361	rVB	427373	569748	8.28%	1.146%
32	23.269	3459	3465	3473	rVB2	928769	1717835	24.97%	3.455%
33	23.904	3568	3573	3584	rVB	327531	691394	10.05%	1.391%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
3

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_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 49716038

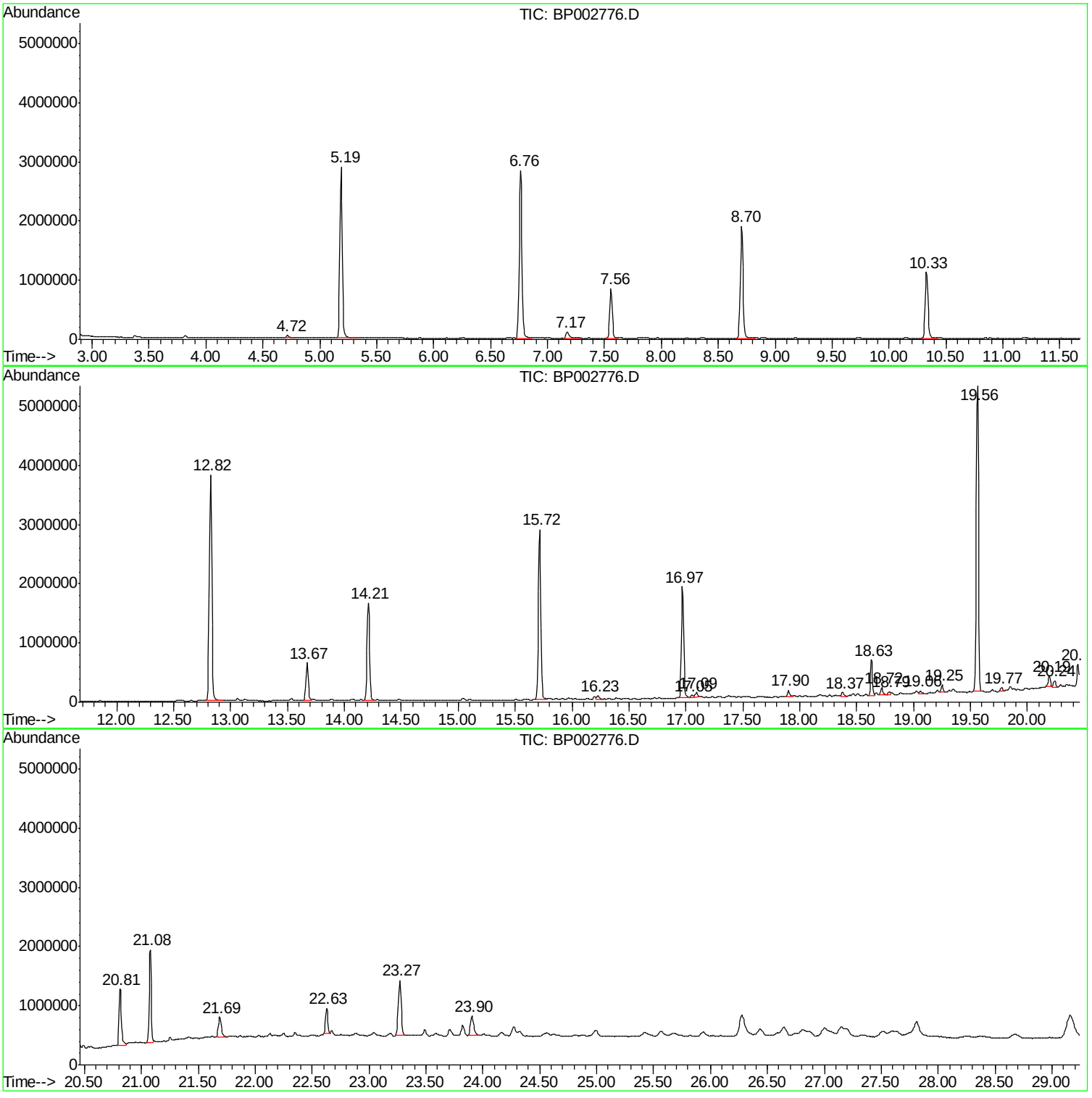
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

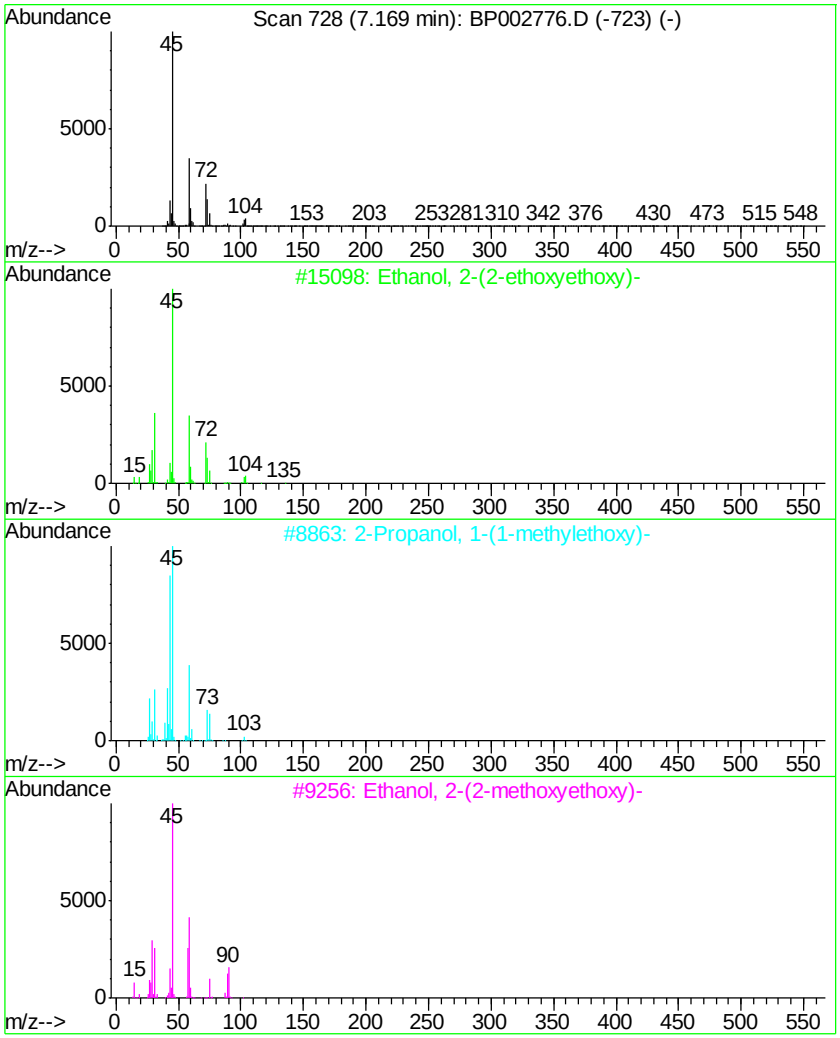
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

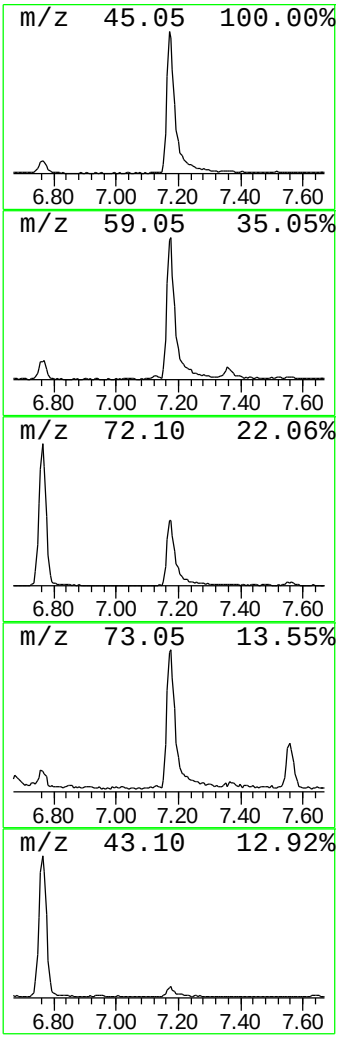
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	3.31 ng	223315	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39
5	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

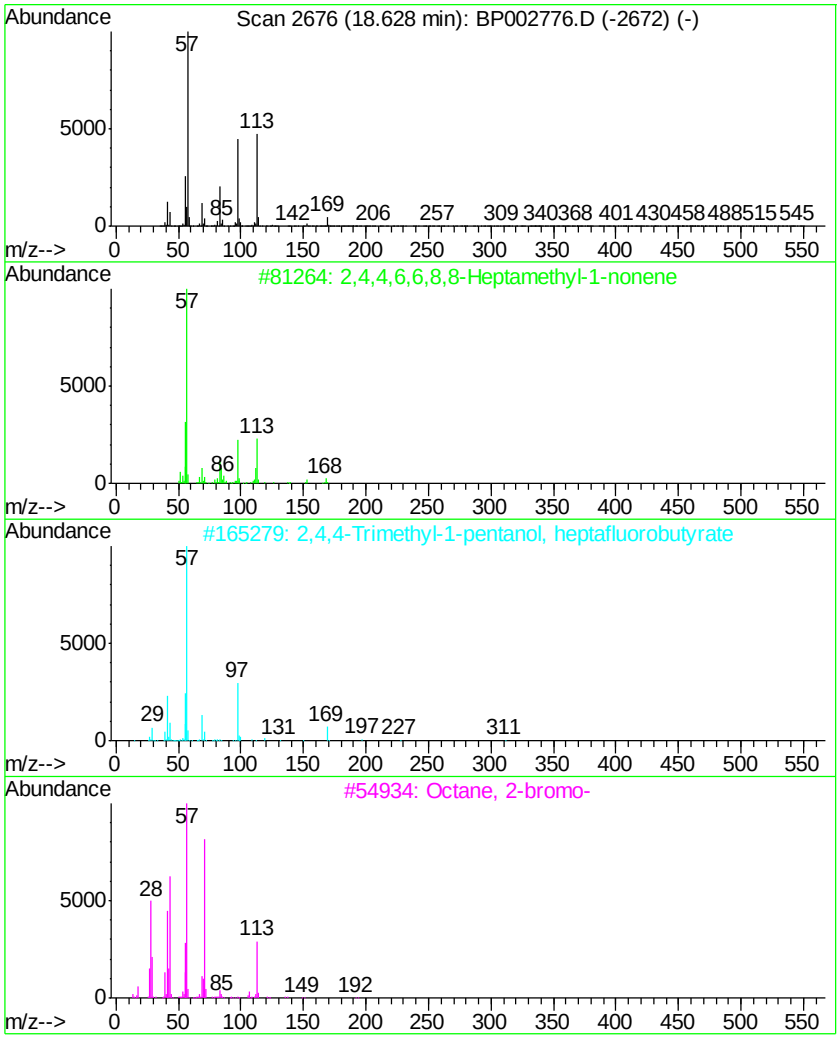
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

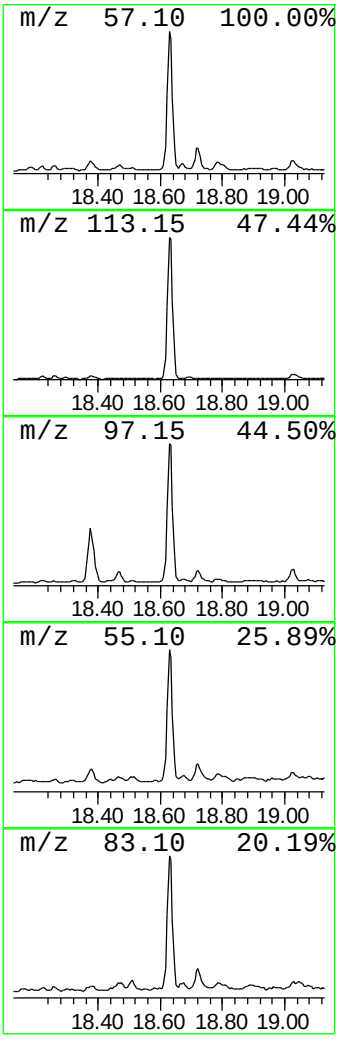
****

Peak Number 2 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.47 ng	741779	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	43
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	33
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

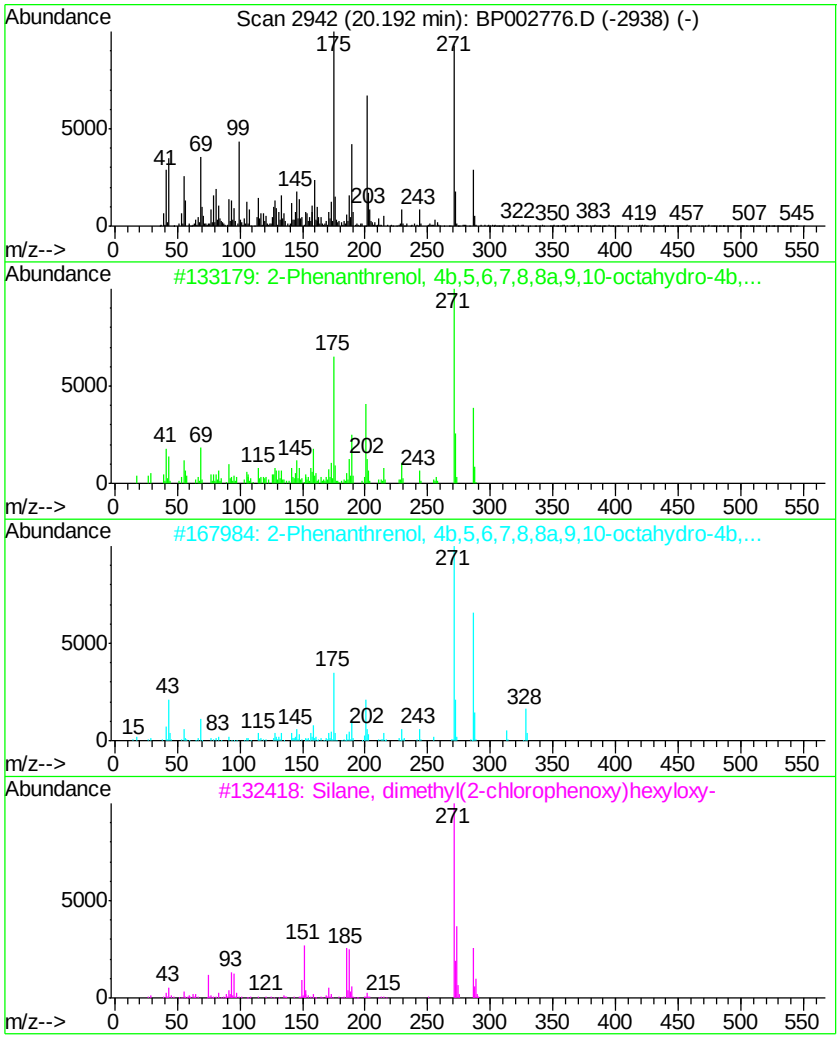
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

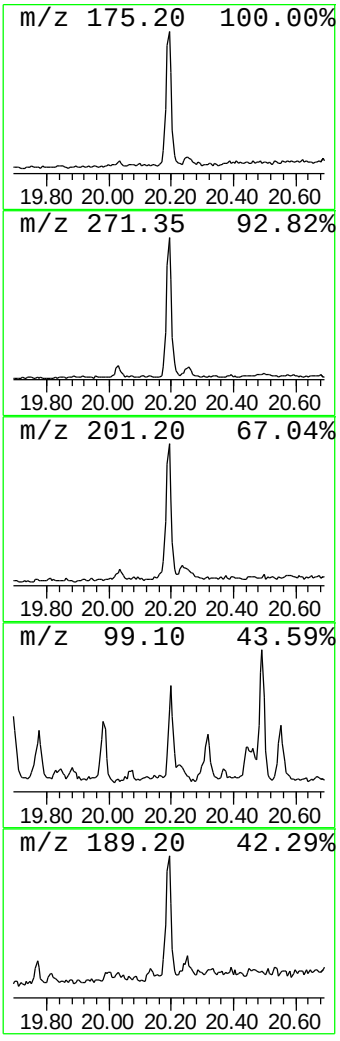
****

Peak Number 3 unknown20.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.23 ng	227076	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	41
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	38
3	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	22
4	Normorphine	271	C16H17NO3	000466-97-7	14
5	1-Carbethoxy-3-[.alpha.-hydroxy-...	421	C24H27N3O4	1000251-81-9	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

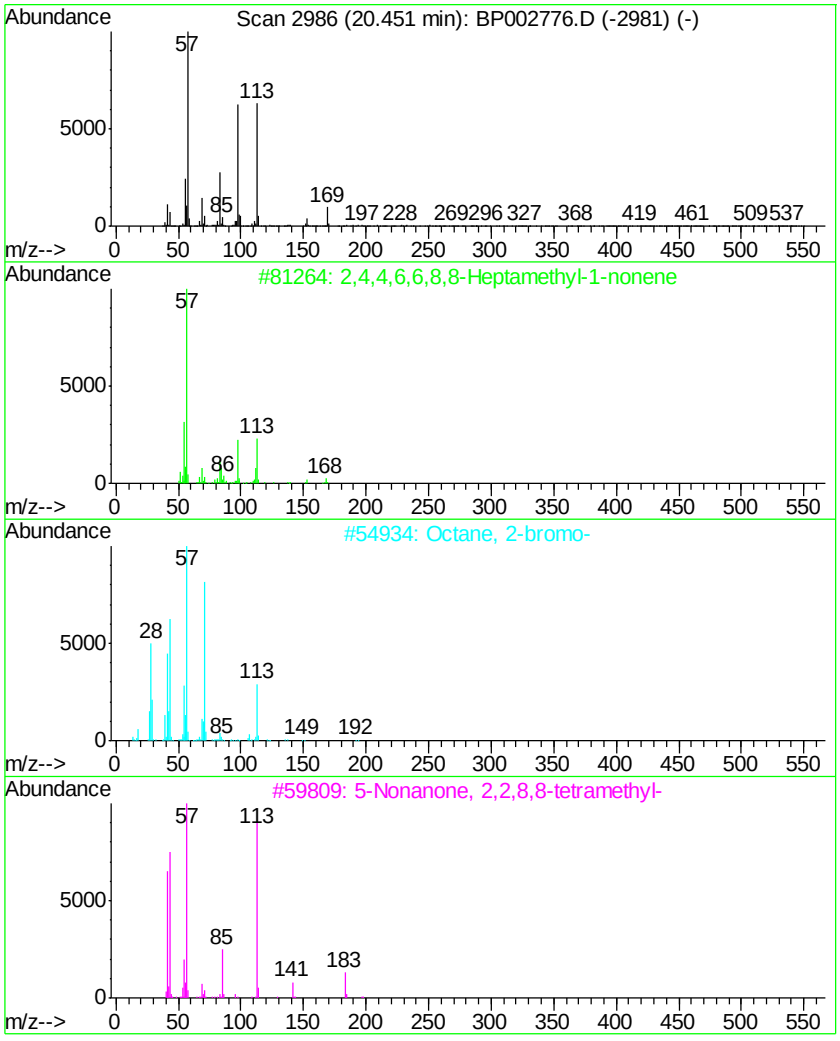
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

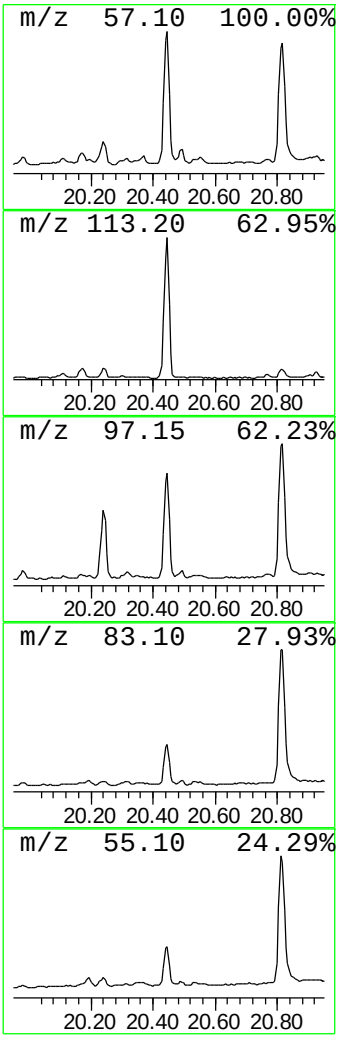
****

Peak Number 4 unknown20.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	4.19 ng	426993	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
3	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25
4	Silane, dichlorocyclohexylmethyl-	196	C7H14Cl2Si	005578-42-7	18
5	Cyclohexanecarboxylic acid, 2-et...	184	C10H16O3	113122-03-5	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

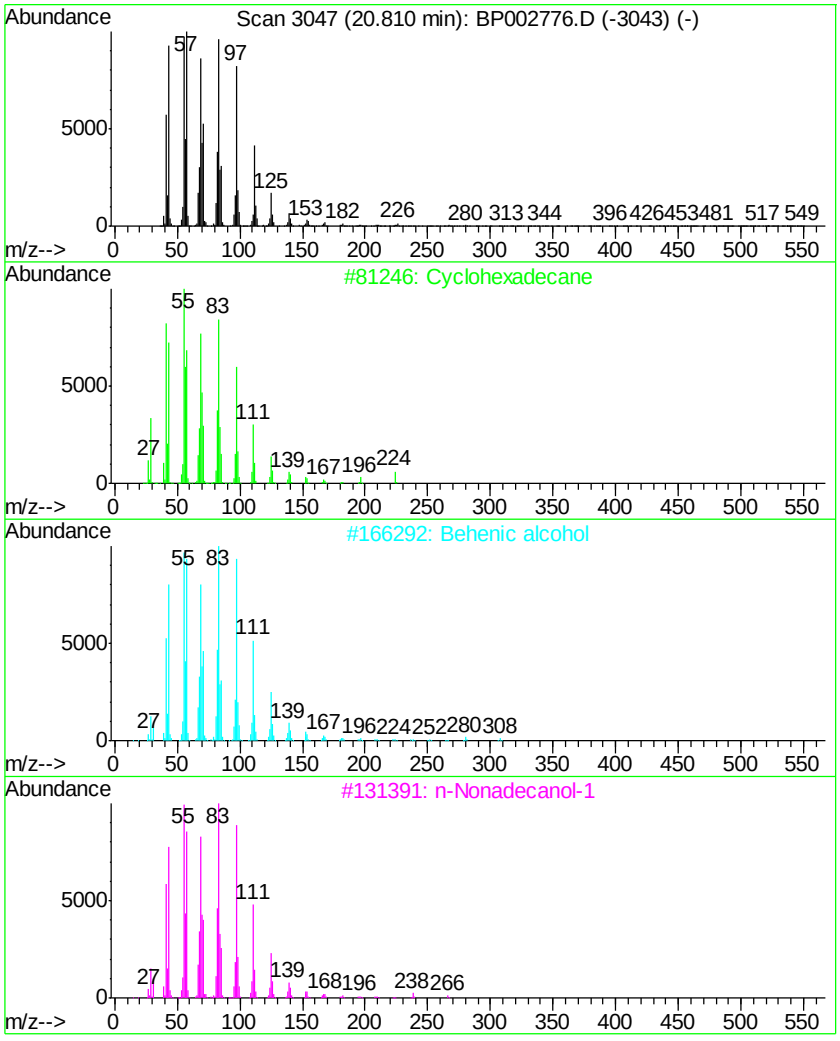
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

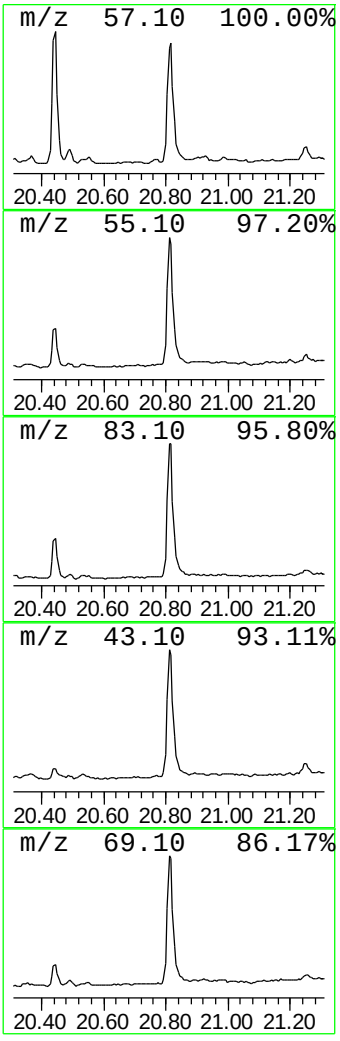
****

Peak Number 5 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	13.77 ng	1403220	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

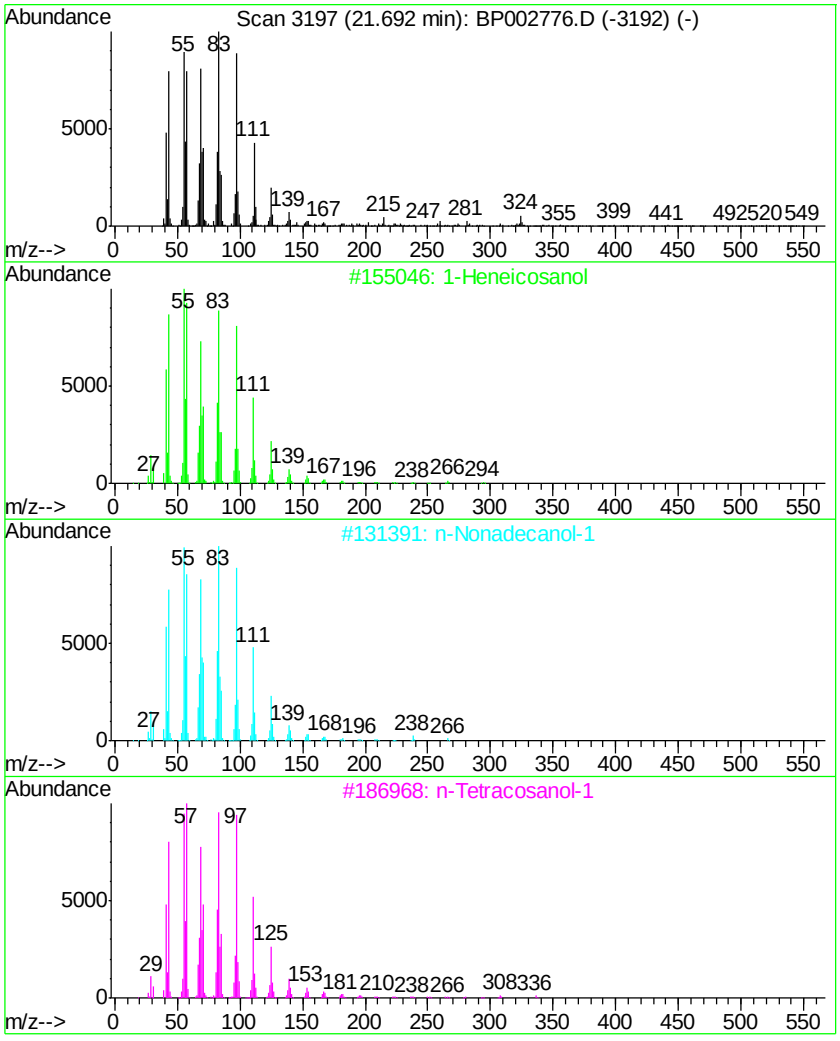
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

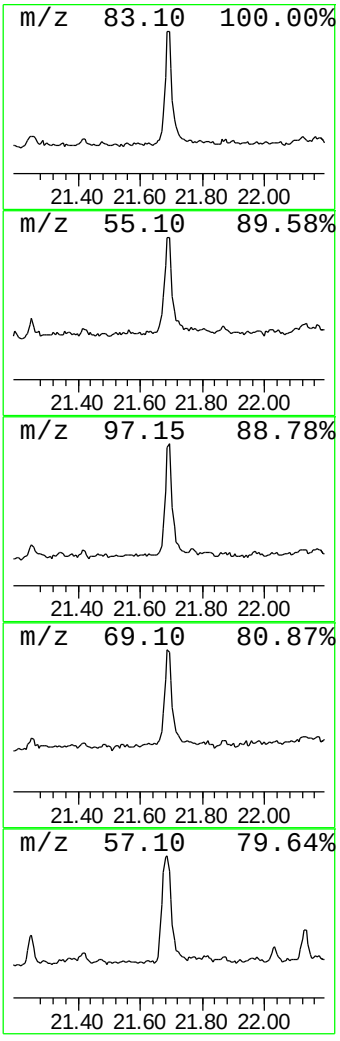
****

Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	5.87 ng	598030	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

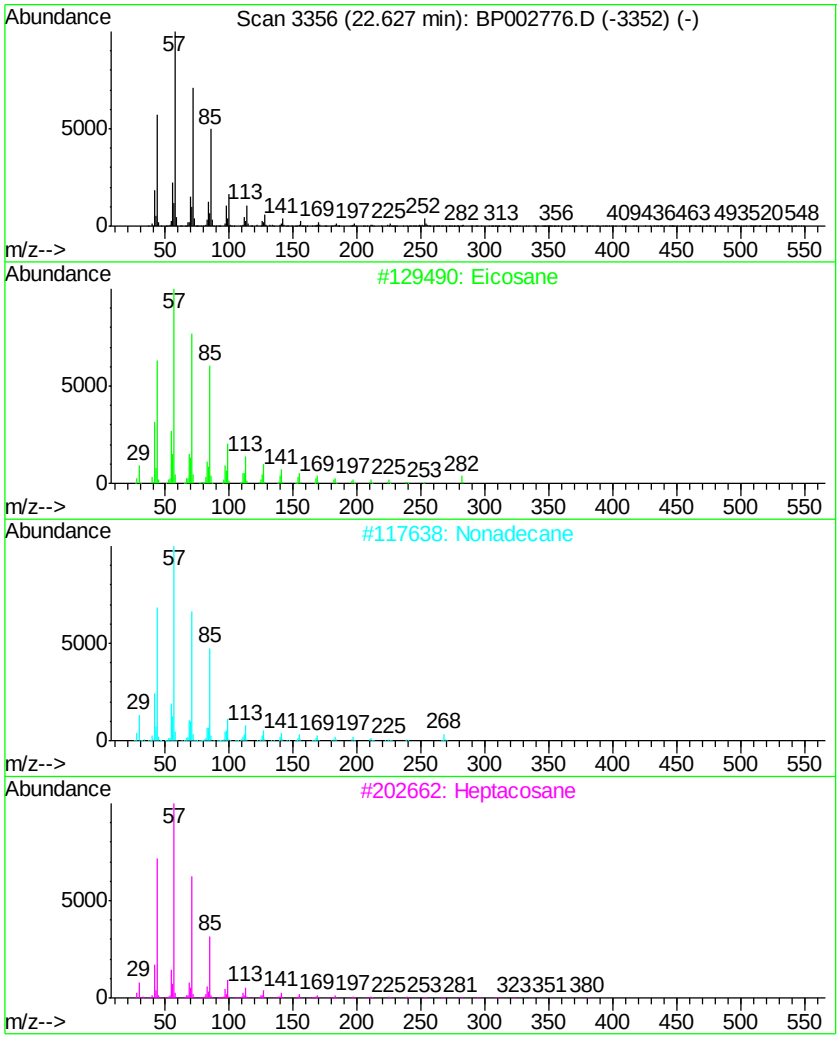
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

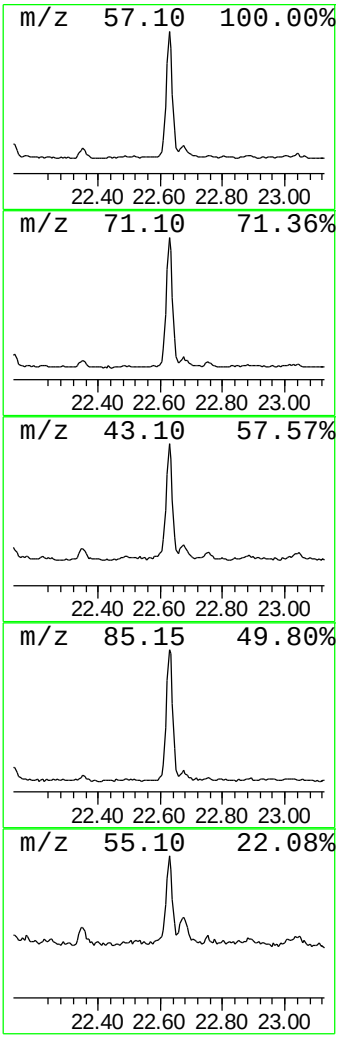
****

Peak Number 7 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	6.63 ng	569748	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

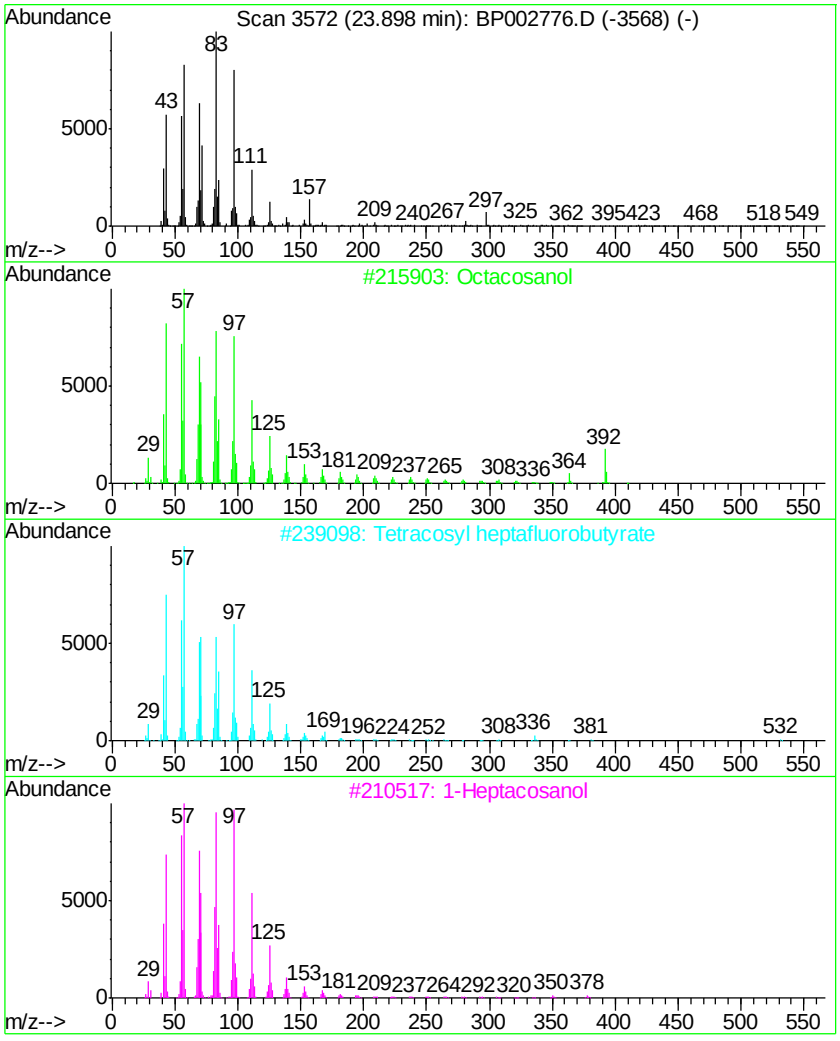
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

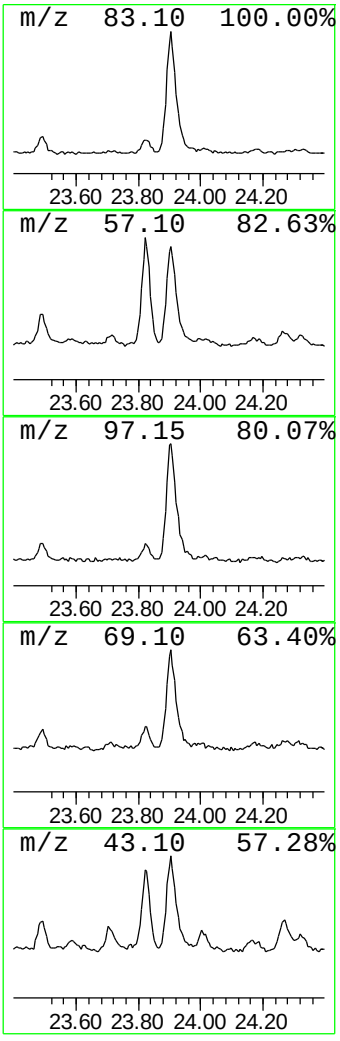
****

Peak Number 8 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	8.05 ng	691394	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	62
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	60
3	1-Heptacosanol	396	C27H56O	002004-39-9	58
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	55
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071620\
Data File : BP002776.D
Acq On : 16 Jul 2020 17:21
Operator : CG/JU
Sample : L3308-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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...	7.17	3.3	ng	223315	1	7.56	1350280	20.0
2,4,4,6,6,8,8-Hep...	18.63	5.5	ng	741779	4	16.97	2712010	20.0
unknown20.19	20.19	2.2	ng	227076	5	21.08	2038510	20.0
unknown20.45	20.45	4.2	ng	426993	5	21.08	2038510	20.0
Cyclohexadecane	20.81	13.8	ng	1403220	5	21.08	2038510	20.0
1-Heneicosanol	21.69	5.9	ng	598030	5	21.08	2038510	20.0
Eicosane	22.63	6.6	ng	569748	6	23.27	1717840	20.0
Octacosanol	23.90	8.1	ng	691394	6	23.27	1717840	20.0