LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 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:\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	3.369	79	82	94	rBV	35105	60309	1.07%	0.139%
2	5.187	384	391	410	rBV	2372262	3651533	64.96%	8.426%
3	6.763	652	659	673	rBV	2396966	3935011	70.01%	9.080%
4	7.169	724	728	742	rBV	121881	234955	4.18%	0.542%
5	7.557	787	794	804	rBV	803350	1268348	22.56%	2.927%
6	8.704	981	989	1007	rBV	1536271	2640252	46.97%	6.092%
7	10.328	1258	1265	1284	rBV	1069307	1869028	33.25%	4.313%
8	12.822	1682	1689	1711	rBV	3184046	5091297	90.58%	11.748%
9	13.669	1828	1833	1842	rBV	523484	763117	13.58%	1.761%
10	14.069	1895	1901	1907	rBV2	29774	60466	1.08%	0.140%
11	14.210	1918	1925	1934	rBV	1593670	2395346	42.61%	5.527%
12	14.480	1965	1971	1978	rVB3	36826	65314	1.16%	0.151%
13	15.716	2174	2181	2192	rBV	2327276	3597740	64.01%	8.301%
14	16.227	2265	2268	2273	rVB	44740	59779	1.06%	0.138%
15	16.969	2388	2394	2399	rBV	1783241	2503515	44.54%	5.777%
16	17.010	2399	2401	2405	rVB	187867	221956	3.95%	0.512%
17	17.098	2413	2416	2421	rVB3	49106	65652	1.17%	0.151%
18	17.898	2548	2552	2558	rBV	77139	103351	1.84%	0.238%
19	18.033	2572	2575	2580	rBV4	35906	56306	1.00%	0.130%
20	18.374	2629	2633	2640	rVB2	62607	99990	1.78%	0.231%
21	18.627	2672	2676	2681	rBV	364575	447107	7.95%	1.032%
22	18.716	2688	2691	2699	rBV2	64077	106029	1.89%	0.245%
23	18.998	2734	2739	2746	rBV	537197	756636	13.46%	1.746%
24	19.351	2790	2799	2804	rBV	397413	654151	11.64%	1.509%
25	19.557	2829	2834	2846	rVB	4353123	5620980	100.00%	12.970%
26	19.845	2879	2883	2887	rBV2	67229	85690	1.52%	0.198%
27	20.192	2938	2942	2945	rBV3	103952	127972	2.28%	0.295%
28	20.445	2981	2985	2990	rBV	197405	244069	4.34%	0.563%
29	20.810	3043	3047	3054	rBV2	846989	1240760	22.07%	2.863%
30	21.074	3087	3092	3097	rBV	1566657	2192738	39.01%	5.060%
31	21.110	3097	3098	3105	rVB	187691	186729	3.32%	0.431%
32	21.251	3119	3122	3125	rVB	81274	80851	1.44%	0.187%
33	21.686	3191	3196	3206	rVB4	202847	396444	7.05%	0.915%
34	22.621	3351	3355	3360	rBV2	234670	410219	7.30%	0.947%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.268	3459	3465	3472	rBV2	922264	1676650	29.83%	3.869%
36	23.904	3569	3573	3585	rVB2	179903	368549	6.56%	0.850%

Sum of corrected areas: 43338839

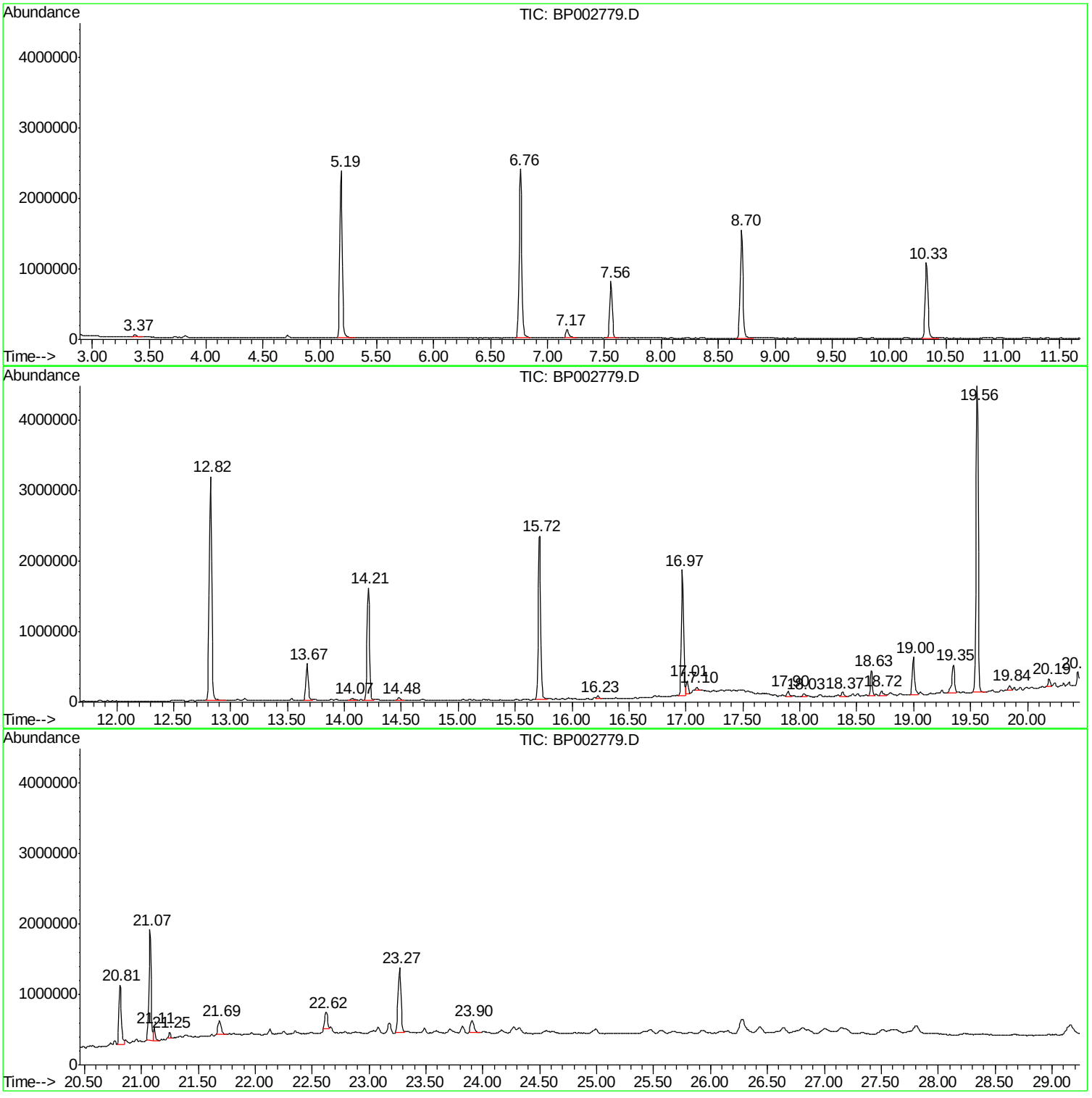
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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 : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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

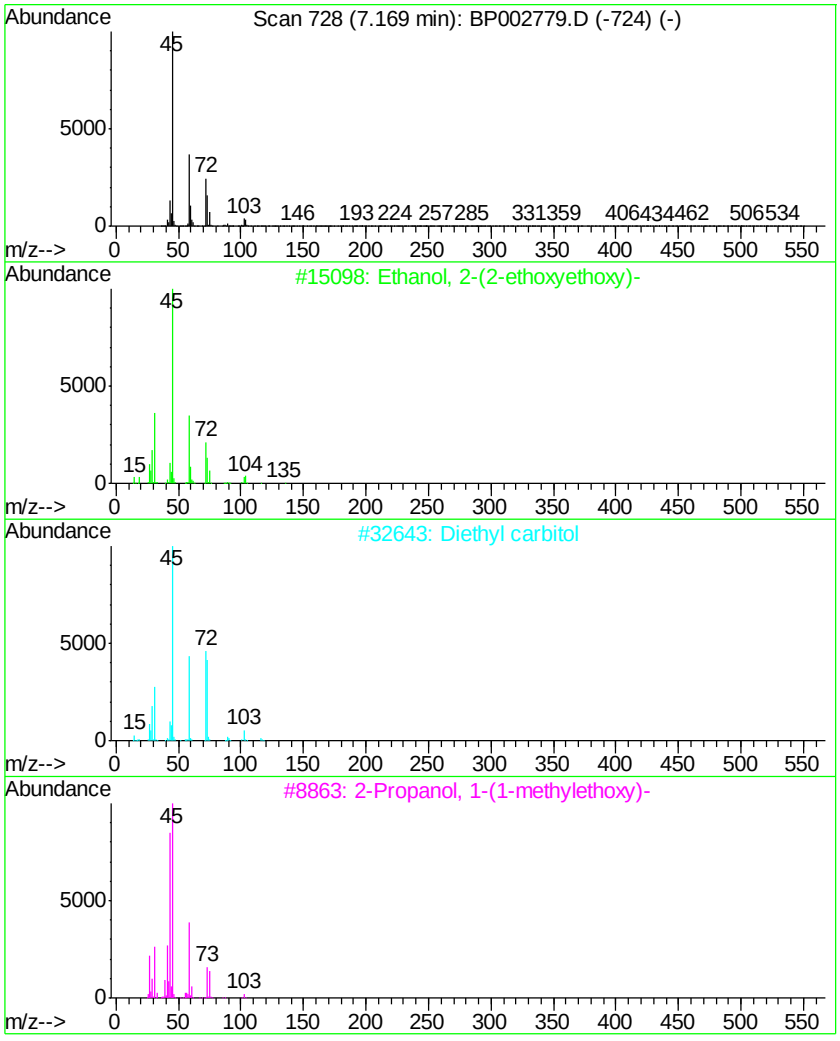
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

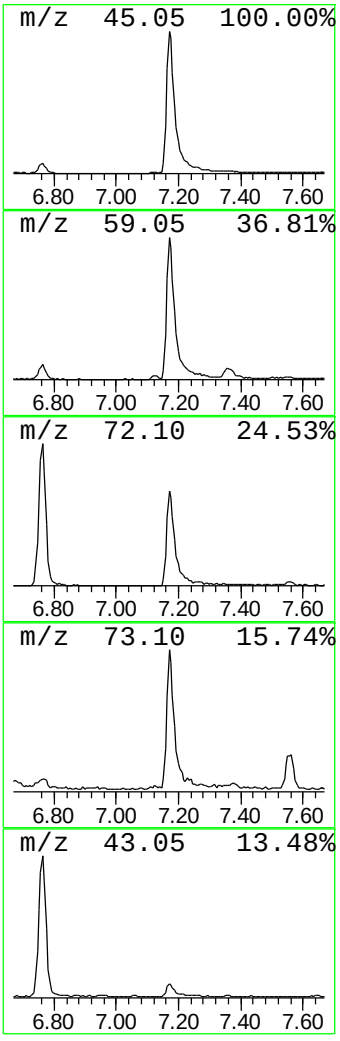
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	3.70 ng	234955	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	Diethyl carbitol	162	C8H18O3	000112-36-7	56
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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

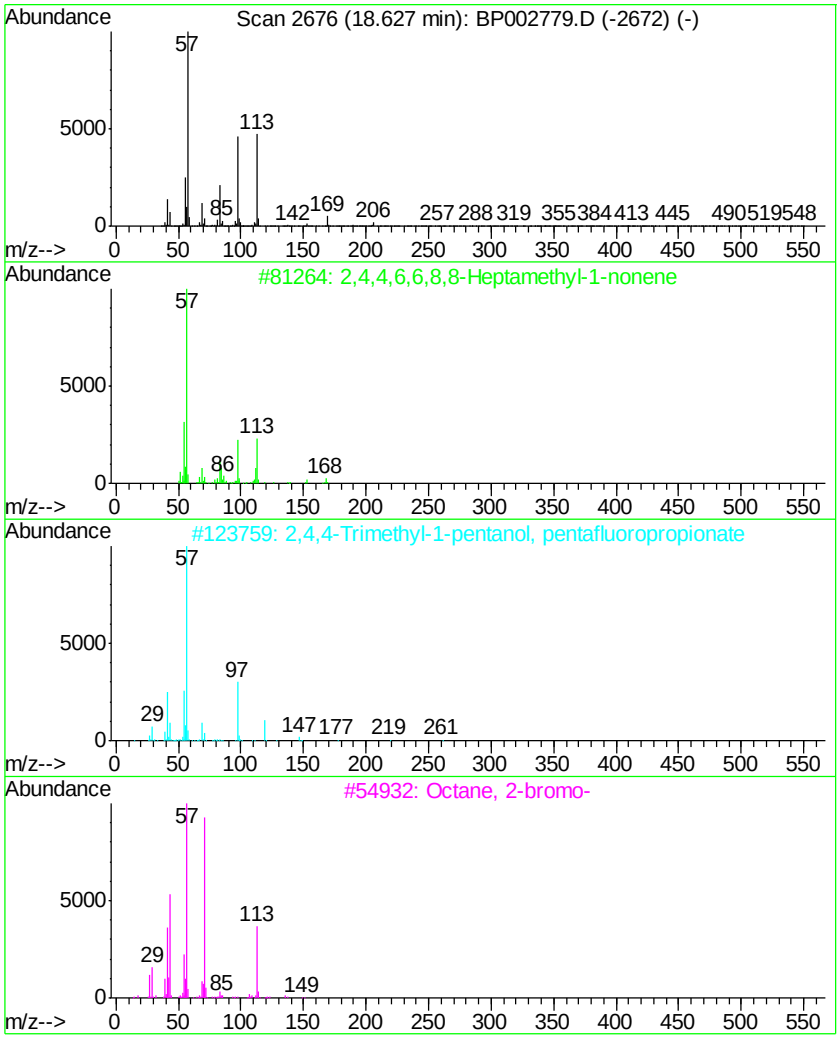
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

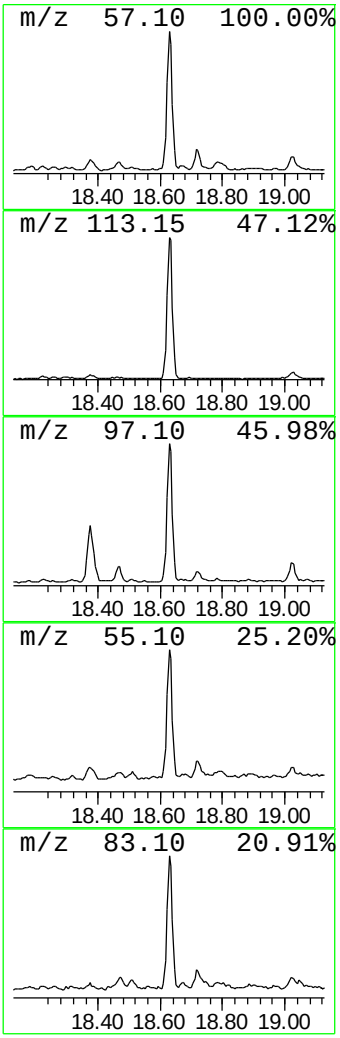
****

Peak Number 2 unknown18.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.57 ng	447107	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	43
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
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, hept...	326	C12H17F7O2	1000365-01-4	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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

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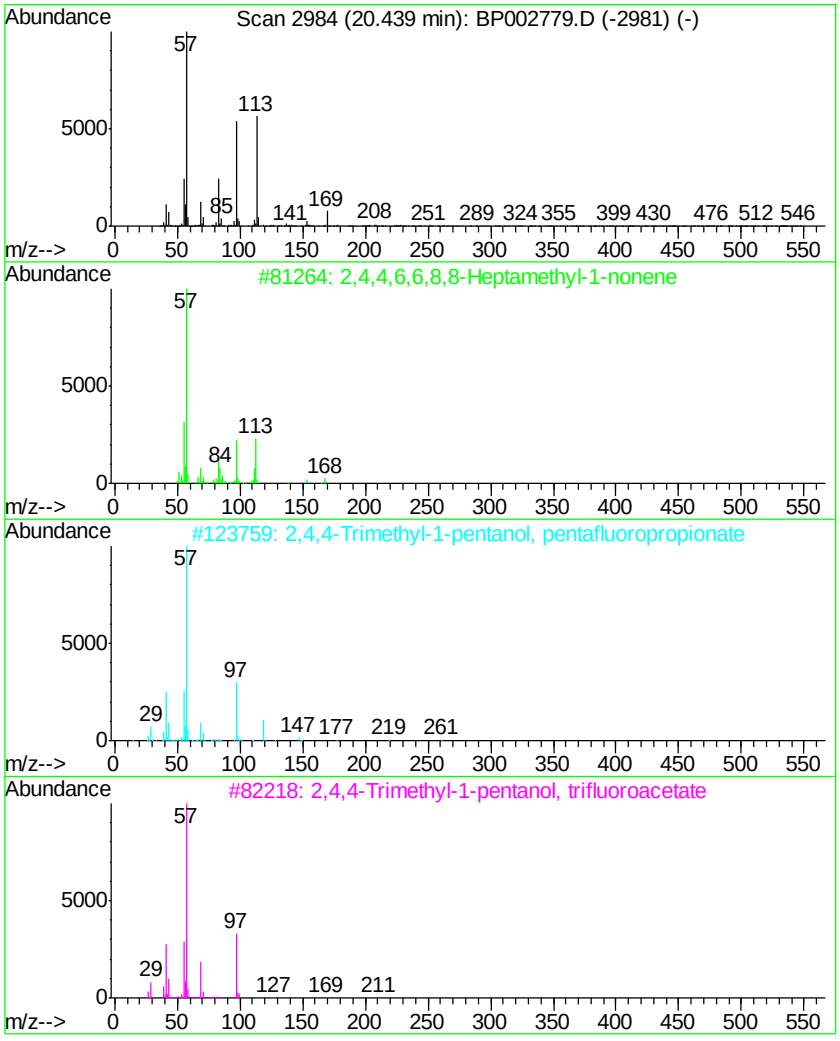
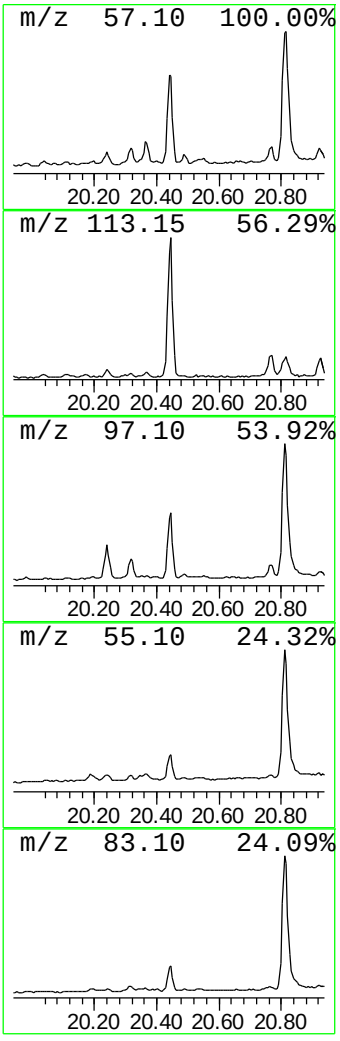
Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.23 ng	244069	Chrysene-d12	21.07

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	72
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	27
4	Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	27
5	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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

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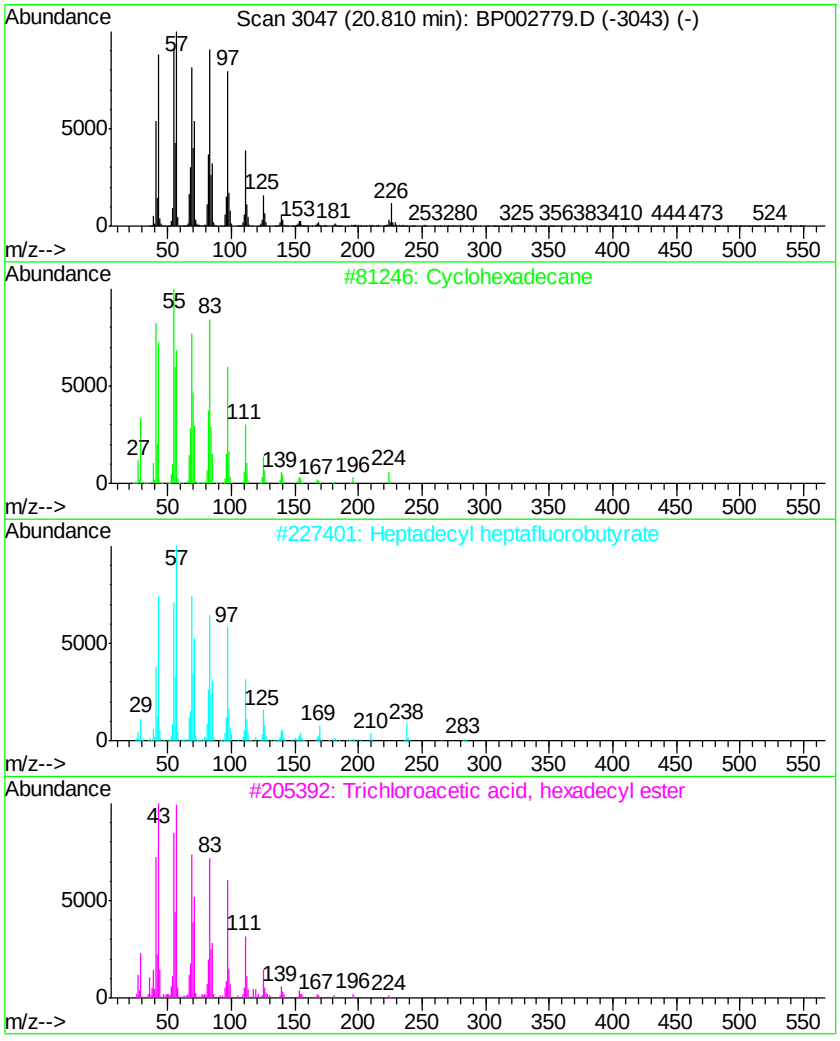
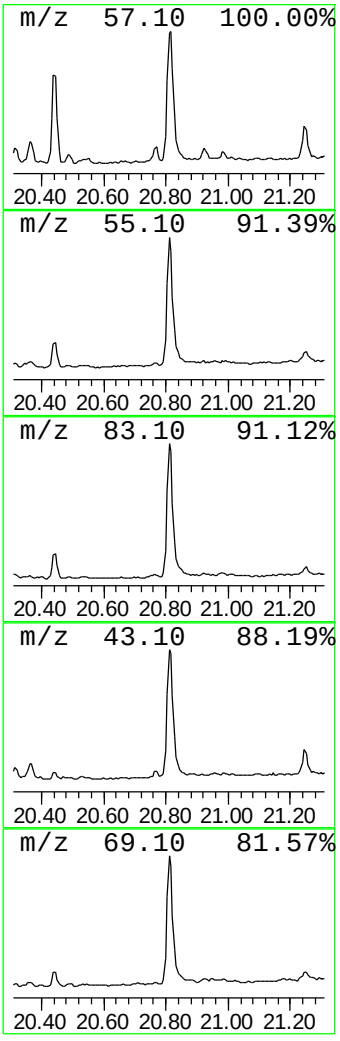
Peak Number 4 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	11.32 ng	1240760	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	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 : BP002779.D
Acq On : 16 Jul 2020 19:03
Operator : CG/JU
Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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

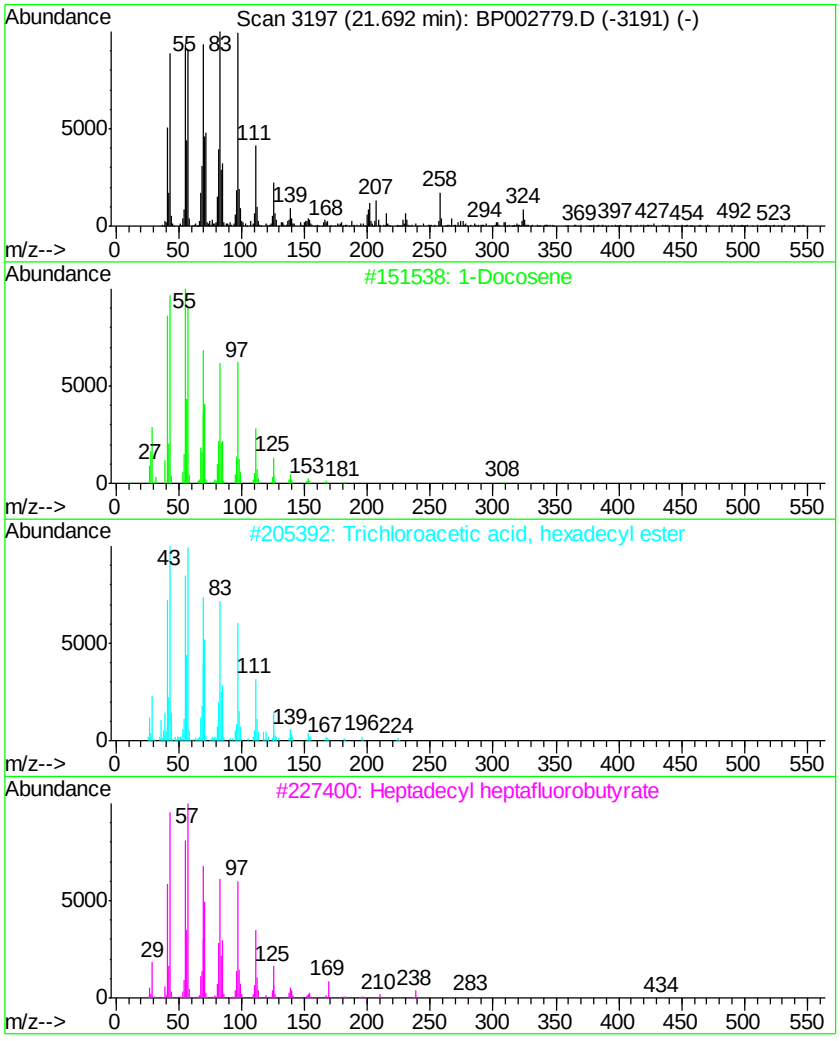
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

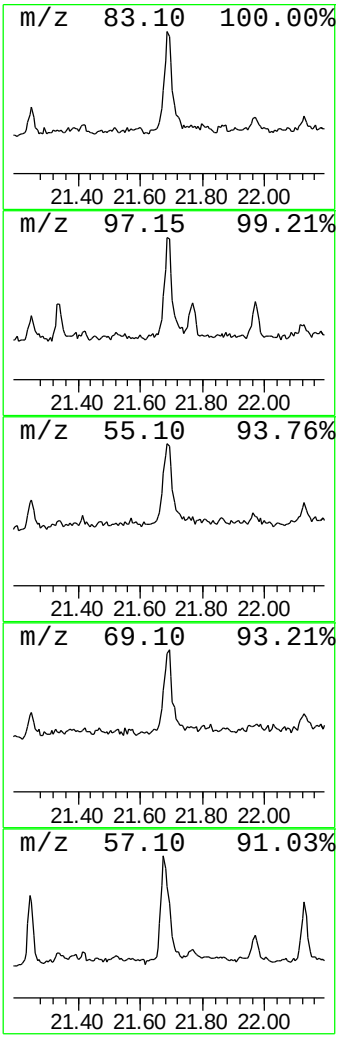
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.62 ng	396444	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





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Sample : L3308-05
Misc :
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Instrument : BNA_P
ClientSampleId : 5

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

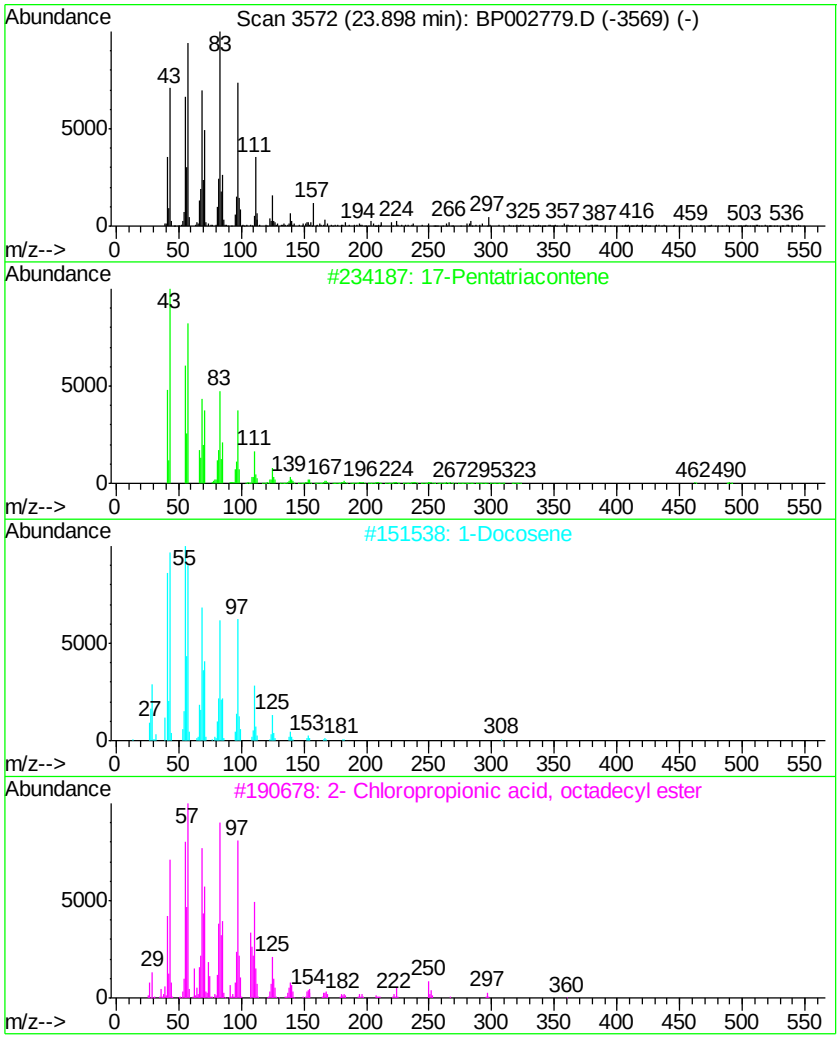
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

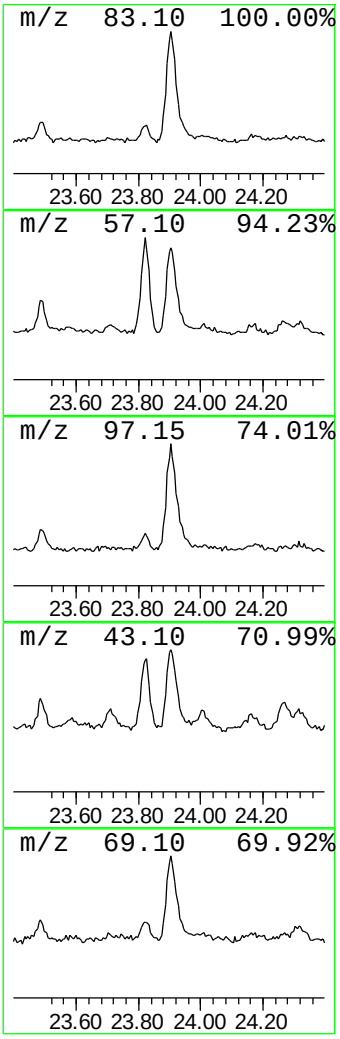
****

Peak Number 6 17-Pentatriacontene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	4.40 ng	368549	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	78
2	1-Docosene	308	C22H44	001599-67-3	74
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	70
4	Cyclotetracosane	336	C24H48	000297-03-0	70
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071620\
Data File : BP002779.D
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Sample : L3308-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 5

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	3.7	ng	234955	1	7.56	1268350	20.0
unknown18.63	18.63	3.6	ng	447107	4	16.97	2503520	20.0
2,4,4,6,6,8,8-Hep...	20.44	2.2	ng	244069	5	21.07	2192740	20.0
Cyclohexadecane	20.81	11.3	ng	1240760	5	21.07	2192740	20.0
1-Docosene	21.69	3.6	ng	396444	5	21.07	2192740	20.0
17-Pentatriacontene	23.90	4.4	ng	368549	6	23.27	1676650	20.0