LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002777.D
Acq On : 16 Jul 2020 17:55
Operator : CG/JU
Sample : L3308-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4

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	4.716	305	311	320	rBV2	56130	89495	1.41%	0.198%
2	5.187	384	391	409	rBV	2557795	3926673	62.04%	8.702%
3	6.763	652	659	675	rBV	2515627	4246685	67.10%	9.411%
4	7.175	724	729	743	rBV	96052	196225	3.10%	0.435%
5	7.557	787	794	804	rBV	844168	1321092	20.87%	2.928%
6	8.704	981	989	1016	rBV	1657699	2889385	45.65%	6.403%
7	10.328	1258	1265	1282	rBV	1114249	1939336	30.64%	4.298%
8	12.822	1682	1689	1712	rBV	3431548	5483004	86.64%	12.151%
9	13.669	1828	1833	1841	rBV	656206	947106	14.97%	2.099%
10	14.210	1918	1925	1935	rBV	1698333	2506346	39.60%	5.555%
11	15.716	2174	2181	2192	rBV	2574429	3930527	62.11%	8.711%
12	16.227	2265	2268	2274	rVB	63044	88652	1.40%	0.196%
13	16.969	2388	2394	2404	rBV	1833833	2695924	42.60%	5.975%
14	17.057	2405	2409	2412	rBV3	53958	104527	1.65%	0.232%
15	17.092	2412	2415	2419	rVB2	61821	85603	1.35%	0.190%
16	18.374	2629	2633	2640	rVB	72110	108337	1.71%	0.240%
17	18.627	2672	2676	2681	rBV	616409	747591	11.81%	1.657%
18	18.716	2688	2691	2698	rBV	135721	178180	2.82%	0.395%
19	18.780	2699	2702	2711	rVV4	50998	106675	1.69%	0.236%
20	19.063	2747	2750	2756	rVB2	51683	74924	1.18%	0.166%
21	19.251	2778	2782	2786	rVB	136091	141806	2.24%	0.314%
22	19.563	2829	2835	2841	rVB	4709938	6328754	100.00%	14.026%
23	20.192	2938	2942	2946	rVB2	178810	216403	3.42%	0.480%
24	20.239	2946	2950	2954	rVB	121326	156539	2.47%	0.347%
25	20.445	2981	2985	2990	rBV	388179	459264	7.26%	1.018%
26	20.810	3043	3047	3056	rBV	824063	1206343	19.06%	2.673%
27	21.080	3088	3093	3098	rBV	1740326	2191346	34.63%	4.856%
28	21.686	3191	3196	3206	rBV2	356713	622174	9.83%	1.379%
29	22.627	3353	3356	3360	rVB	259408	338287	5.35%	0.750%
30	23.268	3459	3465	3473	rVB2	989307	1795186	28.37%	3.978%

Sum of corrected areas: 45122389

LSC Report - Integrated Chromatogram

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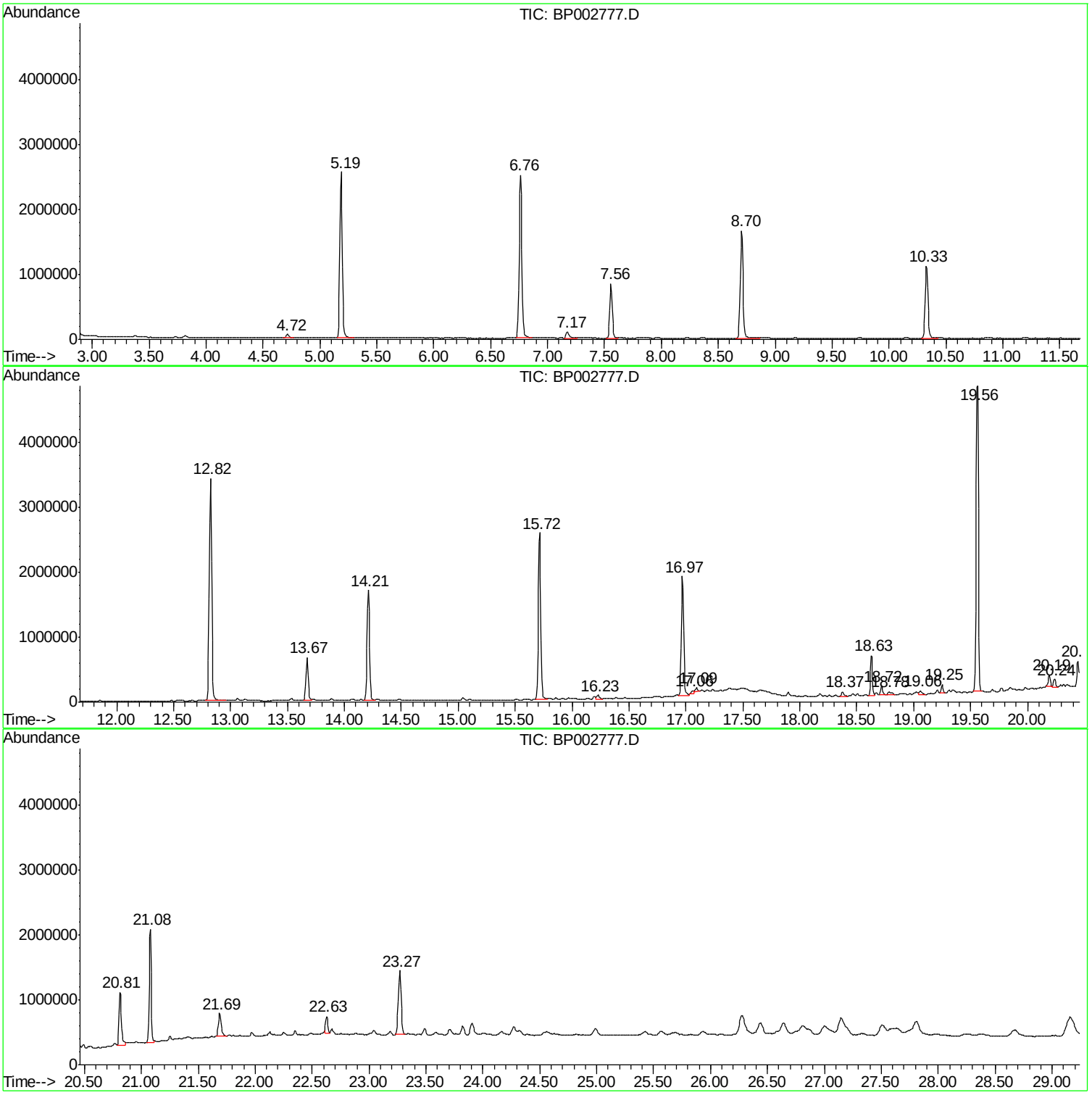
Operator : CG/JU
Sample : L3308-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4

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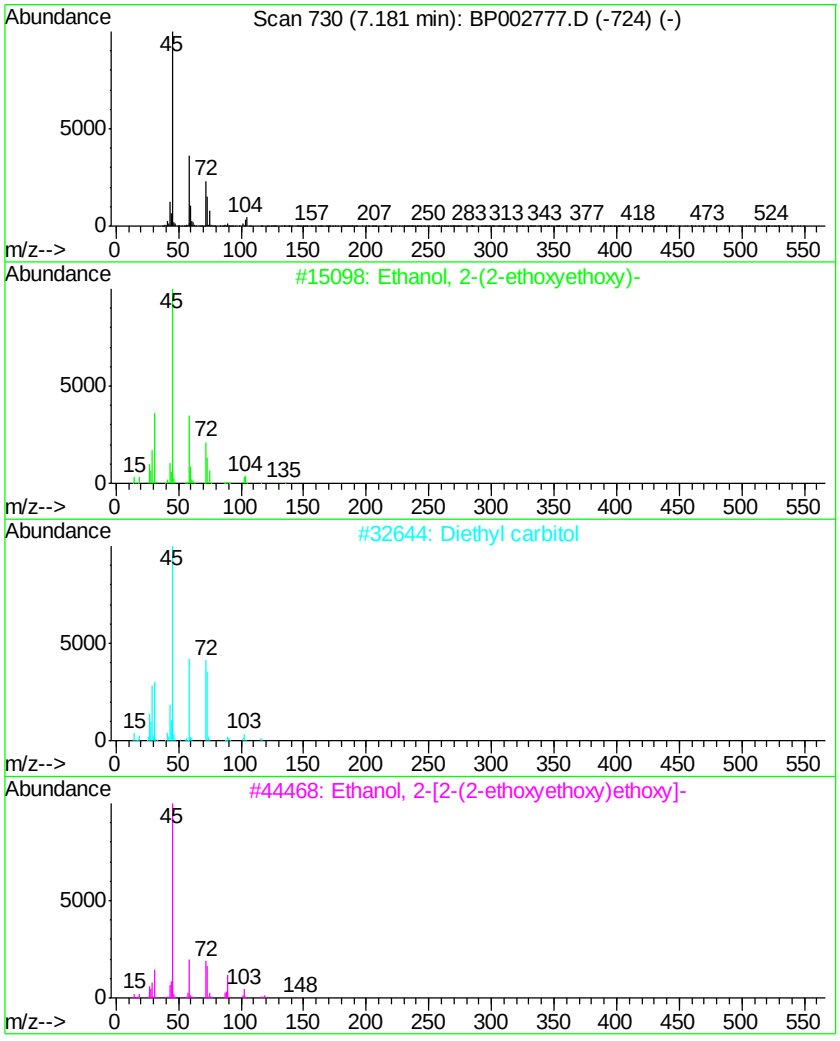
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

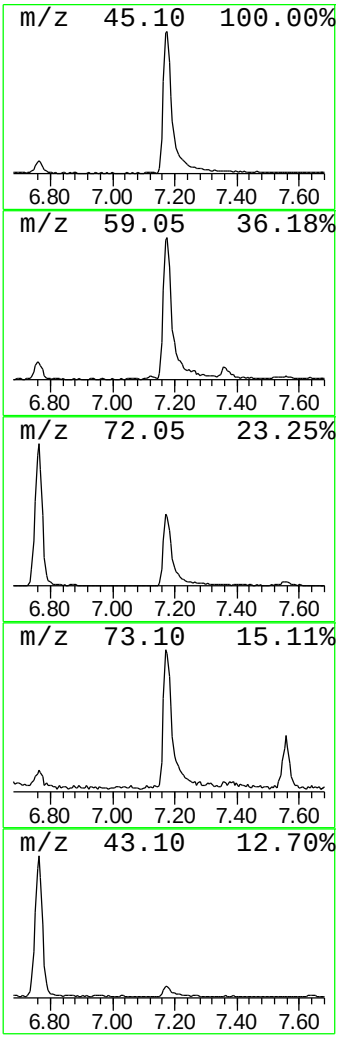
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	2.97 ng	196225	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	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	56
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	43





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Acq On : 16 Jul 2020 17:55
Operator : CG/JU
Sample : L3308-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4

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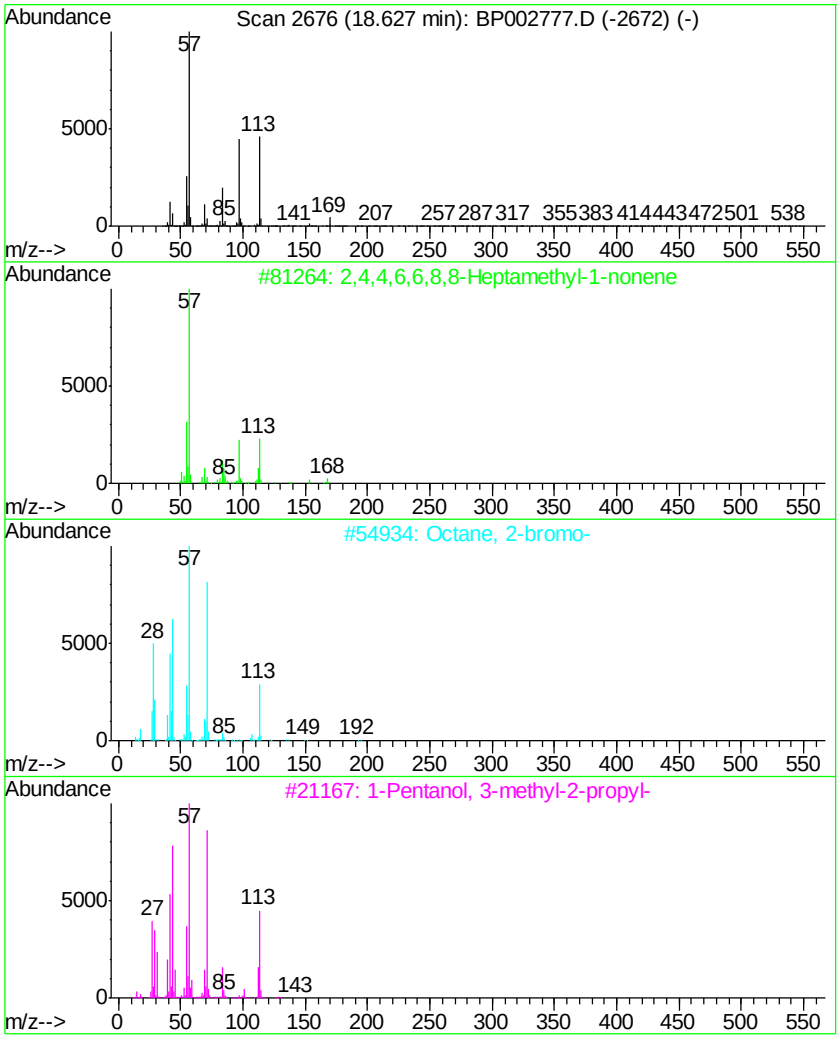
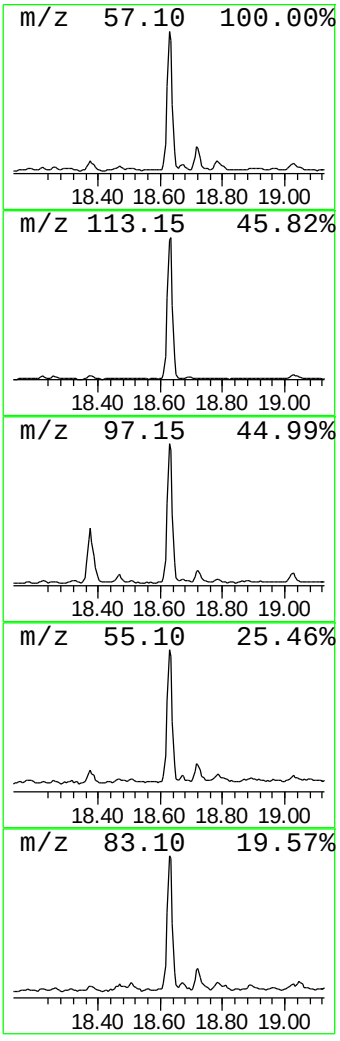
Peak Number 2 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.55 ng	747591	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	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	33
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	22
5	4-Hepten-3-one, 5-methyl-, (Z)-	126	C8H14O	020685-43-2	17





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Instrument : BNA_P
ClientSampleId : 4

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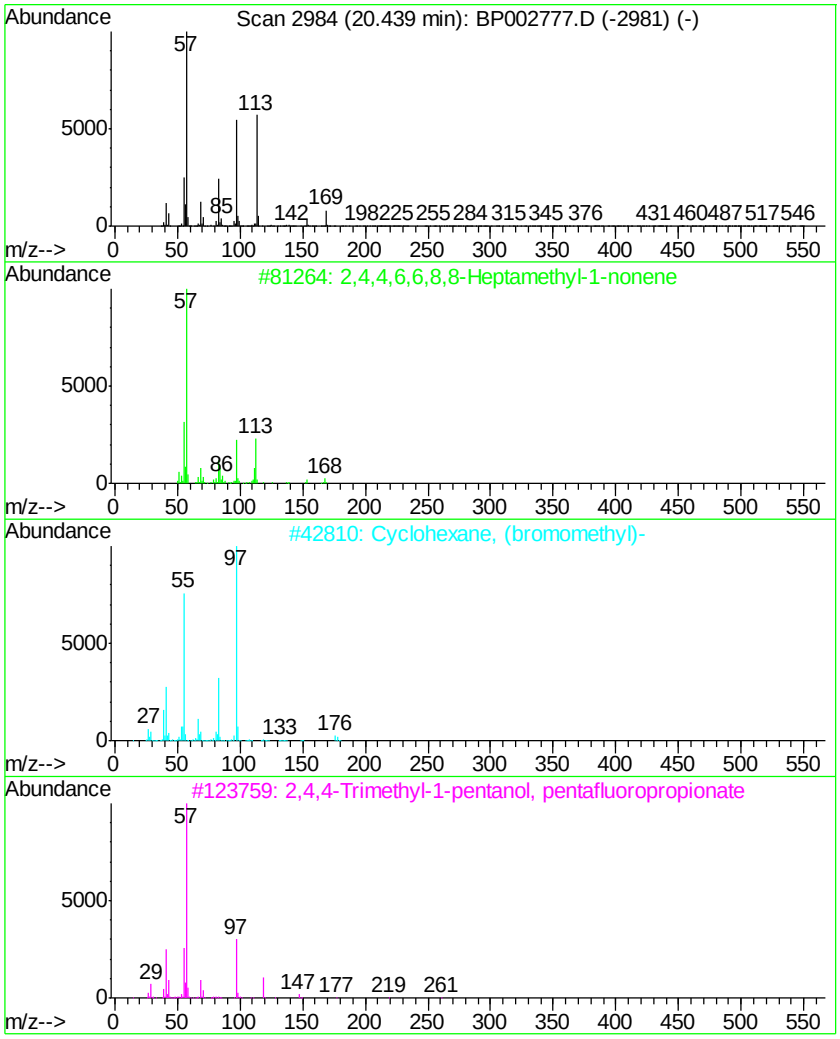
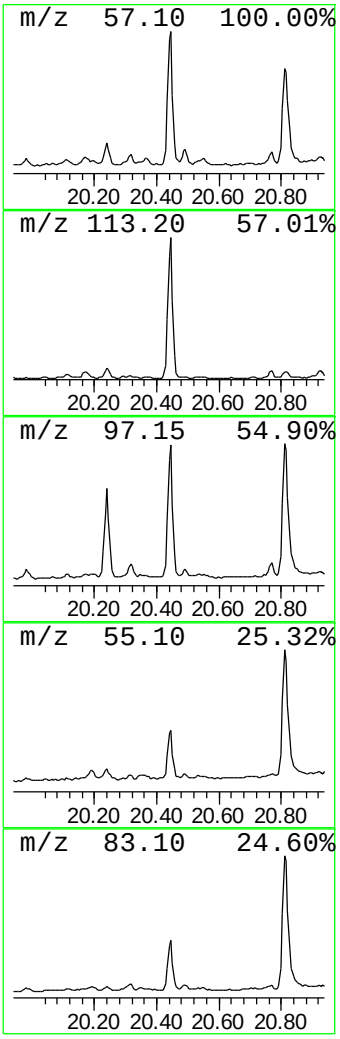
Peak Number 3 unknown20.44 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.19 ng	459264	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	50
2	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	35
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	25
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
5	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25





Library Search Compound Report

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Operator : CG/JU
Sample : L3308-04
Misc :
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Instrument : BNA_P
ClientSampleId : 4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.M
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TIC Library : C:\DATABASE\NIST11.L
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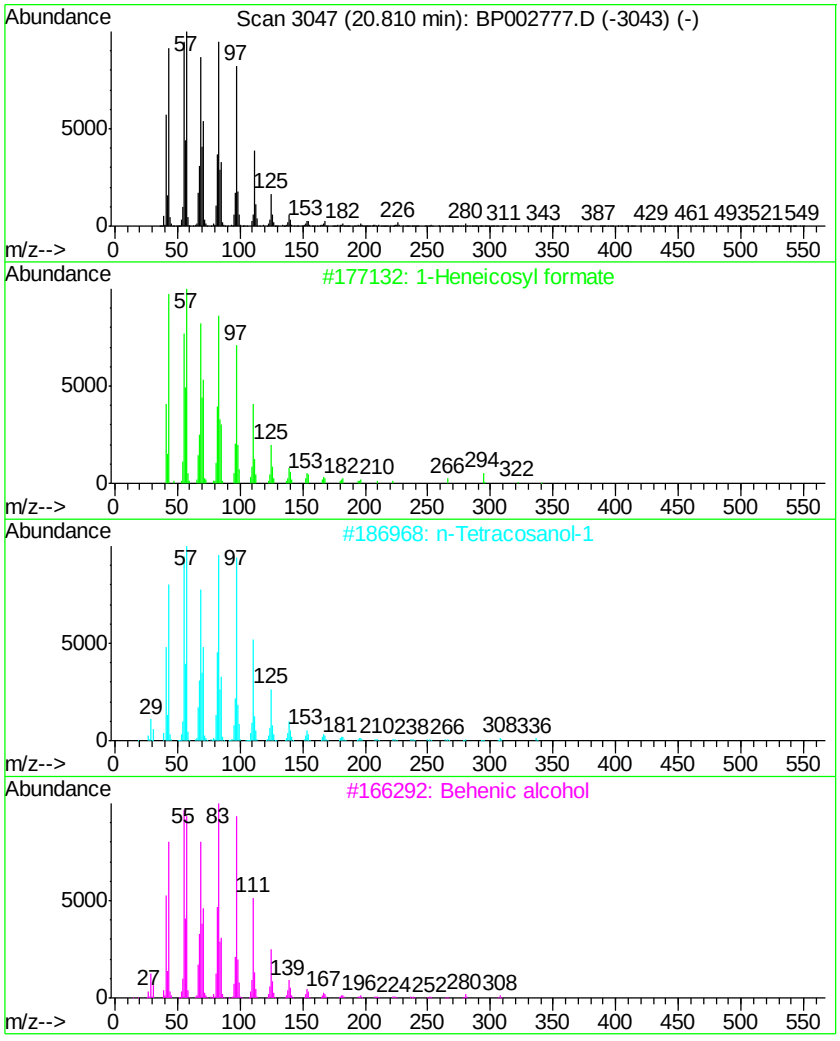
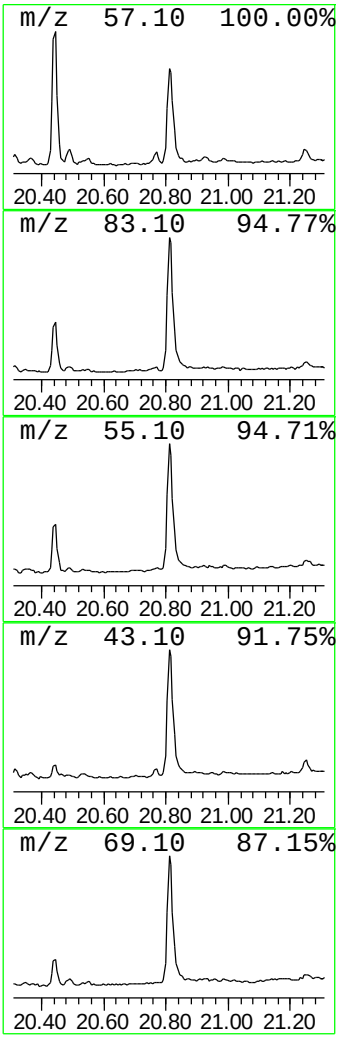
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	11.01 ng	1206340	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5	Cyclohexadecane	224	C16H32	000295-65-8	93





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4

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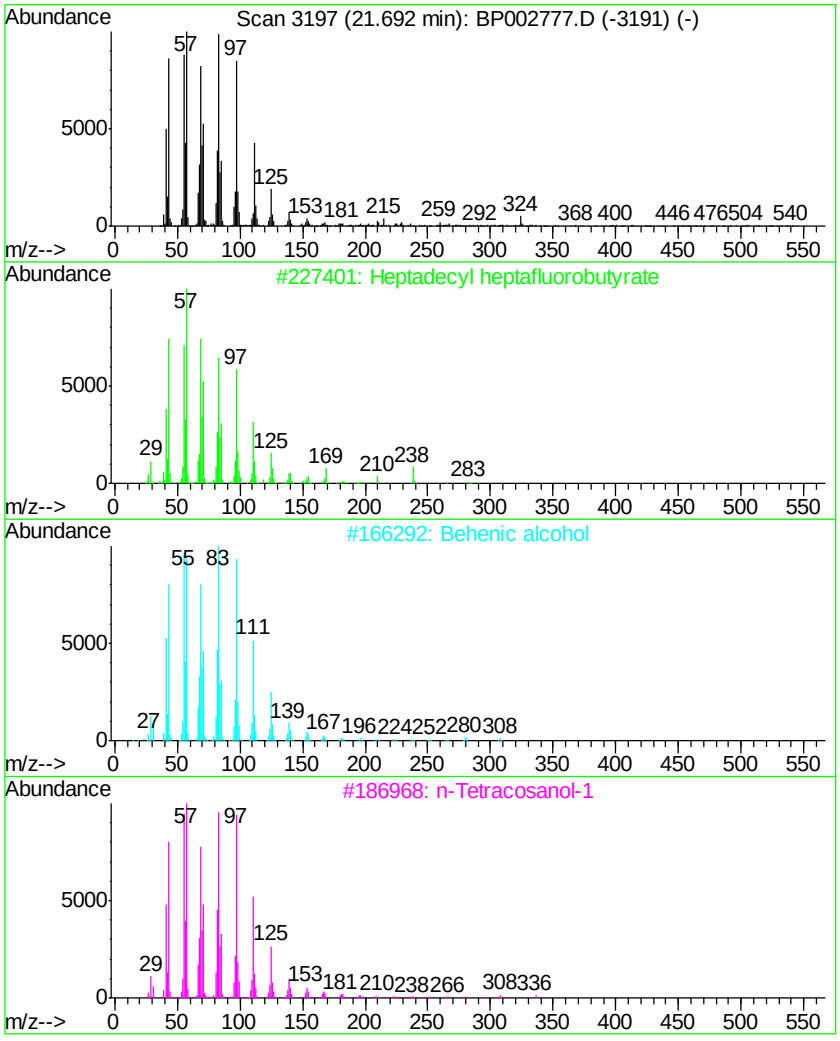
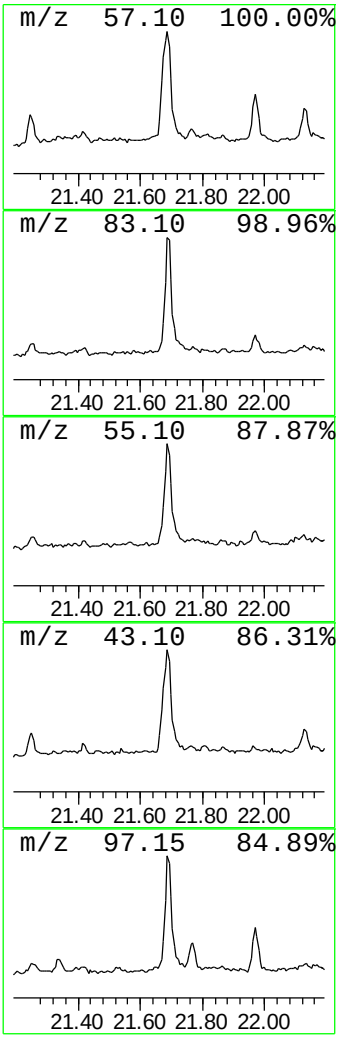
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	5.68 ng	622174	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Library Search Compound Report

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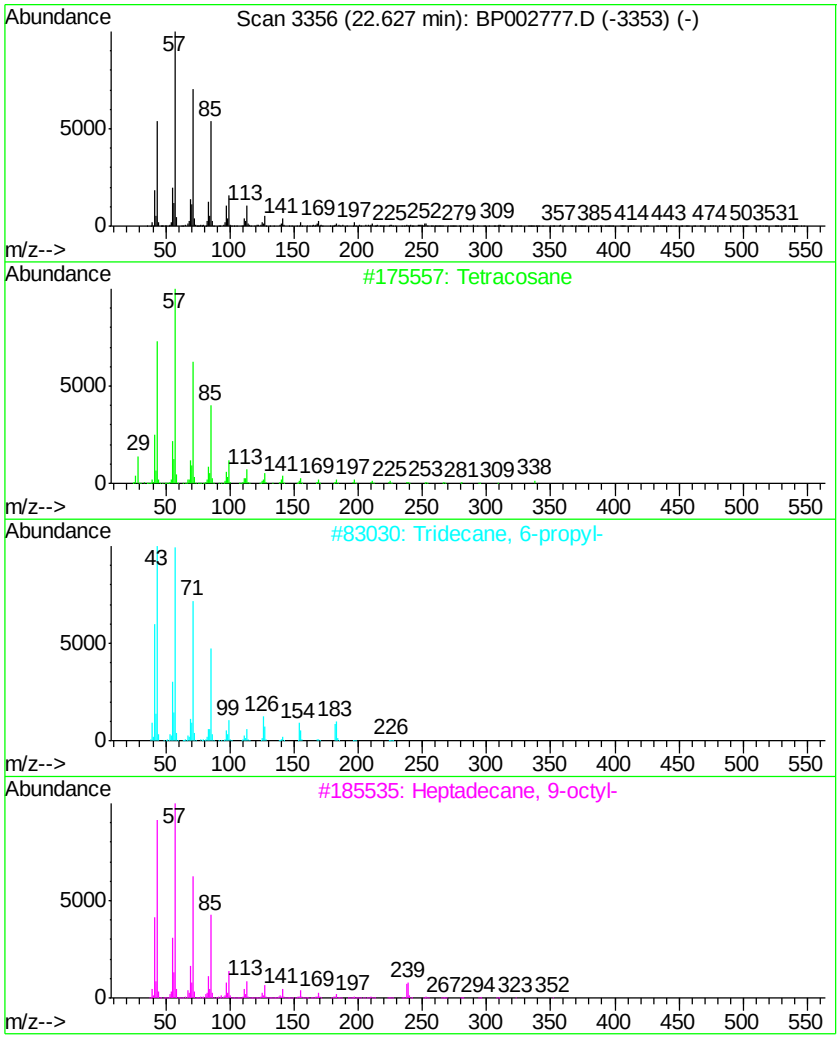
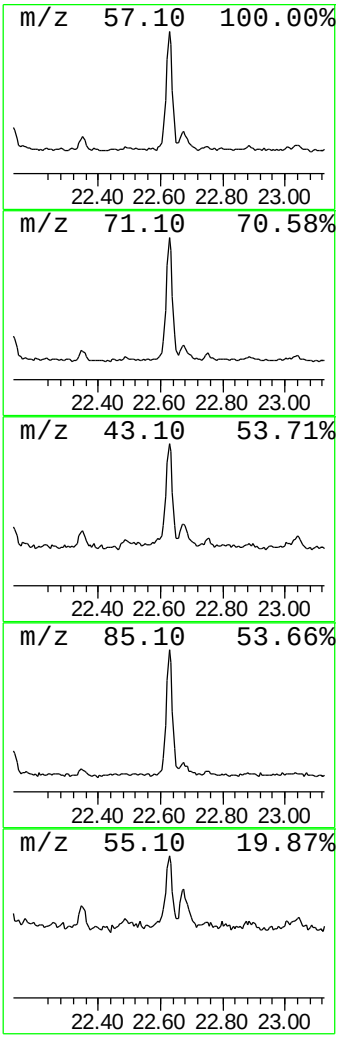
Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.77 ng	338287	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Octacosane	394	C28H58	000630-02-4	81
5	Docosane	310	C22H46	000629-97-0	80





Tentatively Identified Compound (LSC) summary

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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...	7.18	3.0	ng	196225	1	7.56	1321090	20.0
2,4,4,6,6,8,8-Hep...	18.63	5.5	ng	747591	4	16.97	2695920	20.0
unknown20.44	20.44	4.2	ng	459264	5	21.08	2191350	20.0
1-Heneicosyl formate	20.81	11.0	ng	1206340	5	21.08	2191350	20.0
Heptadecyl heptaf...	21.69	5.7	ng	622174	5	21.08	2191350	20.0
Tetracosane	22.63	3.8	ng	338287	6	23.27	1795190	20.0