LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002119.D
Acq On : 23 Jul 2018 23:03
Operator : JU/SJ
Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	43	46	57	rVB	34658	52689	1.15%	0.090%
2	6.881	654	662	677	rBV2	677735	1296865	28.33%	2.227%
3	7.040	682	689	700	rBV	571936	877512	19.17%	1.507%
4	7.234	716	722	734	rBV	708472	1155824	25.25%	1.985%
5	7.698	794	801	810	rBV	916205	1451060	31.70%	2.492%
6	8.404	915	921	934	rBV	808972	1379846	30.14%	2.369%
7	8.845	988	996	1007	rBV	729643	1209873	26.43%	2.078%
8	9.563	1111	1118	1128	rBV	607403	1025486	22.40%	1.761%
9	10.098	1202	1209	1223	rBV	923841	1572398	34.35%	2.700%
10	10.475	1265	1273	1281	rBV	1331291	2298392	50.21%	3.947%
11	10.610	1289	1296	1311	rBV	771808	1338487	29.24%	2.298%
12	13.157	1722	1729	1735	rBV	184802	273260	5.97%	0.469%
13	13.381	1760	1767	1775	rBV	1210143	1733476	37.87%	2.977%
14	13.739	1822	1828	1833	rBV	1660704	2392585	52.26%	4.109%
15	13.786	1833	1836	1842	rVB	175981	243499	5.32%	0.418%
16	14.022	1869	1876	1883	rBV	1957777	2922738	63.84%	5.019%
17	14.333	1921	1929	1938	rBV2	2070064	3192117	69.73%	5.481%
18	14.545	1958	1965	1979	rBV	543778	1013839	22.15%	1.741%
19	14.757	1994	2001	2006	rVB7	38126	67545	1.48%	0.116%
20	15.157	2062	2069	2074	rBV	105959	149148	3.26%	0.256%
21	15.327	2091	2098	2107	rBV	2563436	3634463	79.39%	6.241%
22	15.451	2113	2119	2133	rVB	705130	975198	21.30%	1.675%
23	15.563	2133	2138	2143	rBV	30803	46586	1.02%	0.080%
24	16.027	2212	2217	2221	rBV	112226	161841	3.54%	0.278%
25	16.586	2306	2312	2316	rBV	298255	385847	8.43%	0.663%
26	16.845	2351	2356	2363	rBV	352331	457275	9.99%	0.785%
27	16.951	2369	2374	2378	rBV	123826	155563	3.40%	0.267%
28	17.074	2386	2395	2401	rBV2	2641118	3818679	83.41%	6.557%
29	17.174	2406	2412	2422	rVB2	2621321	3776443	82.49%	6.485%
30	17.280	2425	2430	2434	rBV3	65408	84593	1.85%	0.145%
31	17.921	2535	2539	2545	rBV	61938	99800	2.18%	0.171%
32	17.986	2545	2550	2557	rVV	258159	386891	8.45%	0.664%
33	18.451	2625	2629	2633	rBV4	60519	85291	1.86%	0.146%
34	18.533	2639	2643	2649	rVB4	76795	103429	2.26%	0.178%

LSC Area Percent Report

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Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

35	19.139	2743	2746	2751	rVB	119468	155823	3.40%	0.268%
36	19.274	2765	2769	2772	rBV5	30523	46262	1.01%	0.079%
37	19.474	2797	2803	2813	rBV	3061567	4577982	100.00%	7.861%
38	21.274	3104	3109	3114	rBV	3275181	4178707	91.28%	7.176%
39	21.439	3135	3137	3141	rBV	142528	151070	3.30%	0.259%
40	21.874	3208	3211	3215	rBV	159859	218919	4.78%	0.376%
41	22.298	3279	3283	3286	rVB3	142750	206164	4.50%	0.354%
42	22.339	3287	3290	3294	rVB	219572	264263	5.77%	0.454%
43	22.845	3371	3376	3381	rBV	399102	663023	14.48%	1.139%
44	23.368	3458	3465	3469	rBV	1860262	3374965	73.72%	5.795%
45	23.509	3482	3489	3495	rVB	1805578	3392840	74.11%	5.826%
46	24.051	3576	3581	3590	rVB2	355824	740031	16.17%	1.271%
47	24.786	3702	3706	3714	rVB	226448	446356	9.75%	0.766%

Sum of corrected areas: 58234943

LSC Report - Integrated Chromatogram

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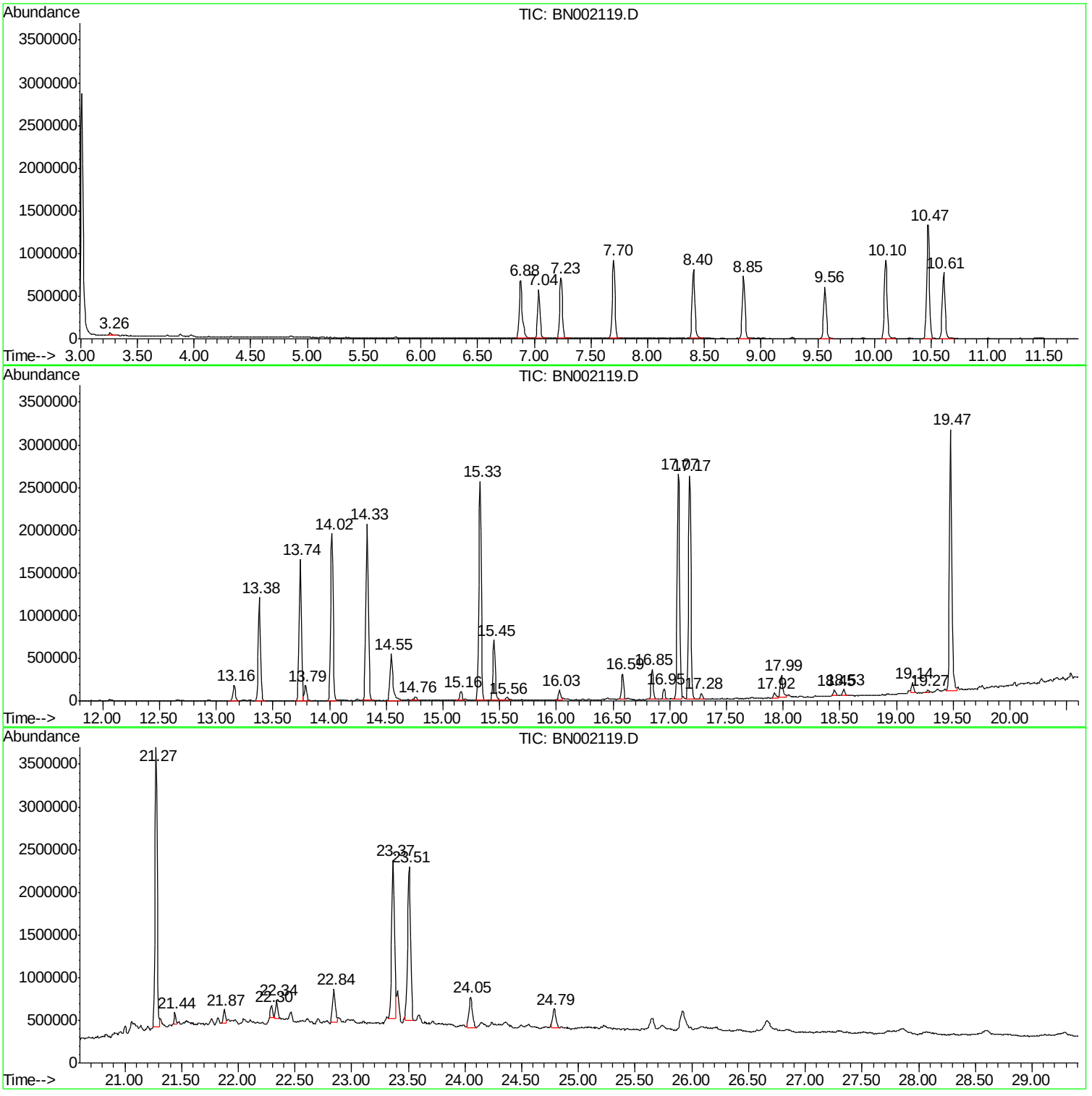
Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BN002119.D
Acq On : 23 Jul 2018 23:03
Operator : JU/SJ
Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

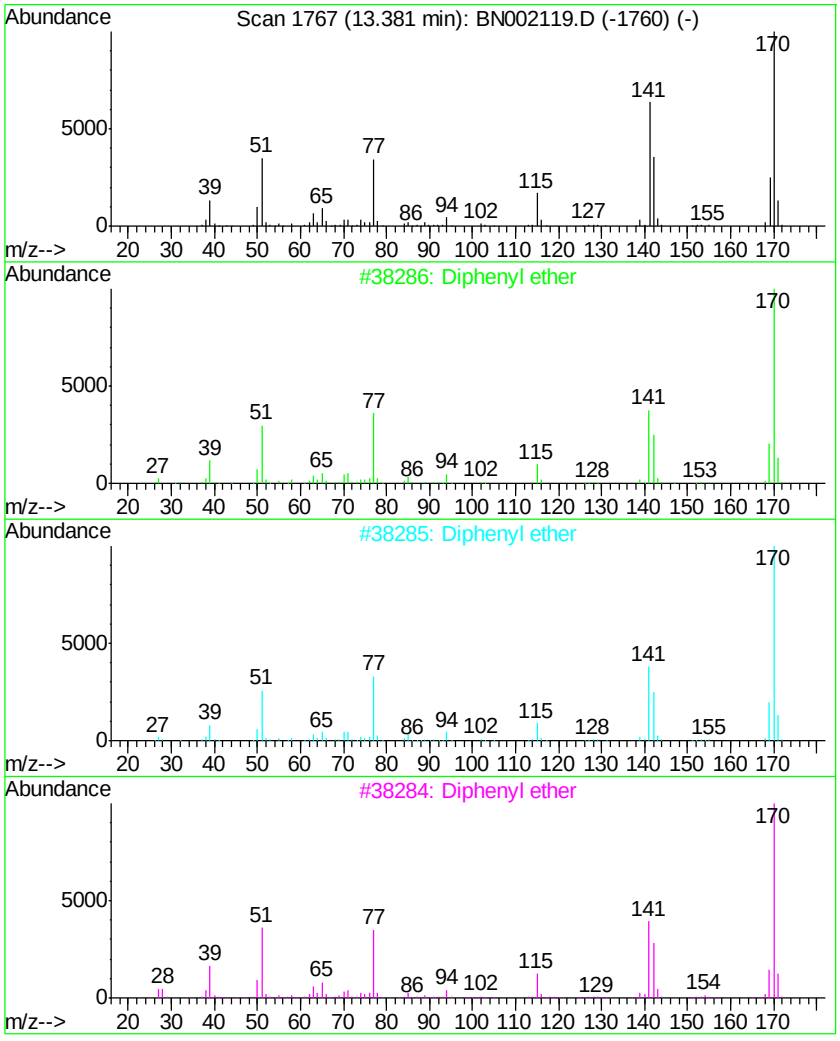
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

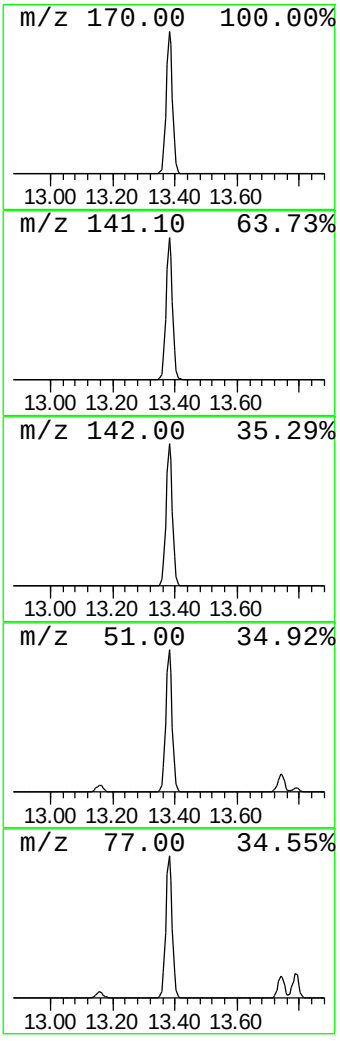
****

Peak Number 1 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	10.86 ng/ul	1733480	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	93
2	Diphenyl ether	170	C12H10O	000101-84-8	93
3	Diphenyl ether	170	C12H10O	000101-84-8	87
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	72
5	2-Troponyl difluoroborate	170	C7H5BF2O2	022502-10-9	47





Library Search Compound Report

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Data File : BN002119.D
Acq On : 23 Jul 2018 23:03
Operator : JU/SJ
Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

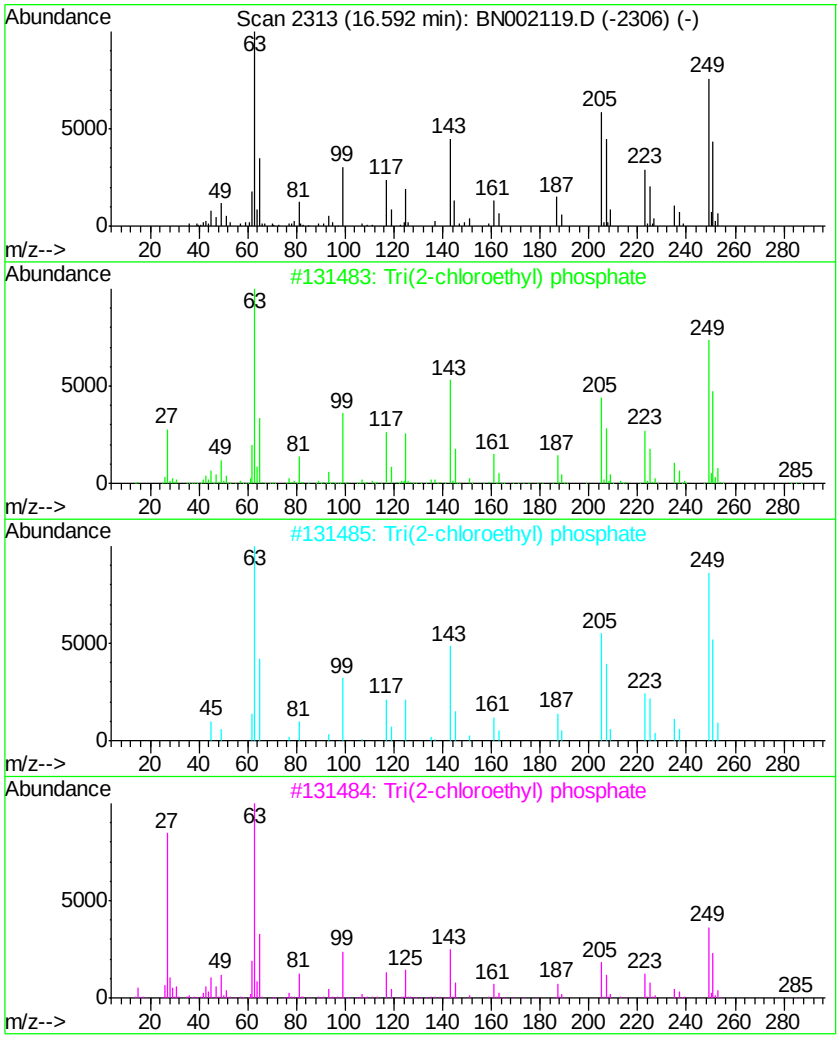
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

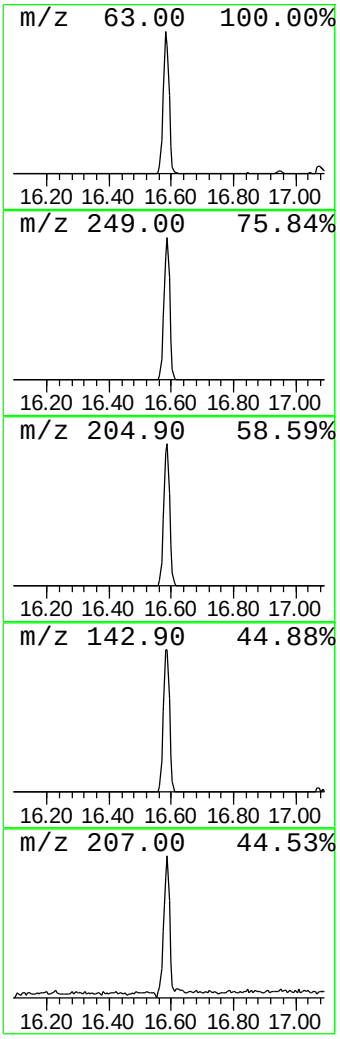
****

Peak Number 2 Tri(2-chloroethyl) phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.02 ng/ul	385847	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	93
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	93
3	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	90
4	Benzene, 1-[(2-chloroethyl)sulfo...	249	C8H8ClNO4S	006461-63-8	50
5	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	47





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Data File : BN002119.D
Acq On : 23 Jul 2018 23:03
Operator : JU/SJ
Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

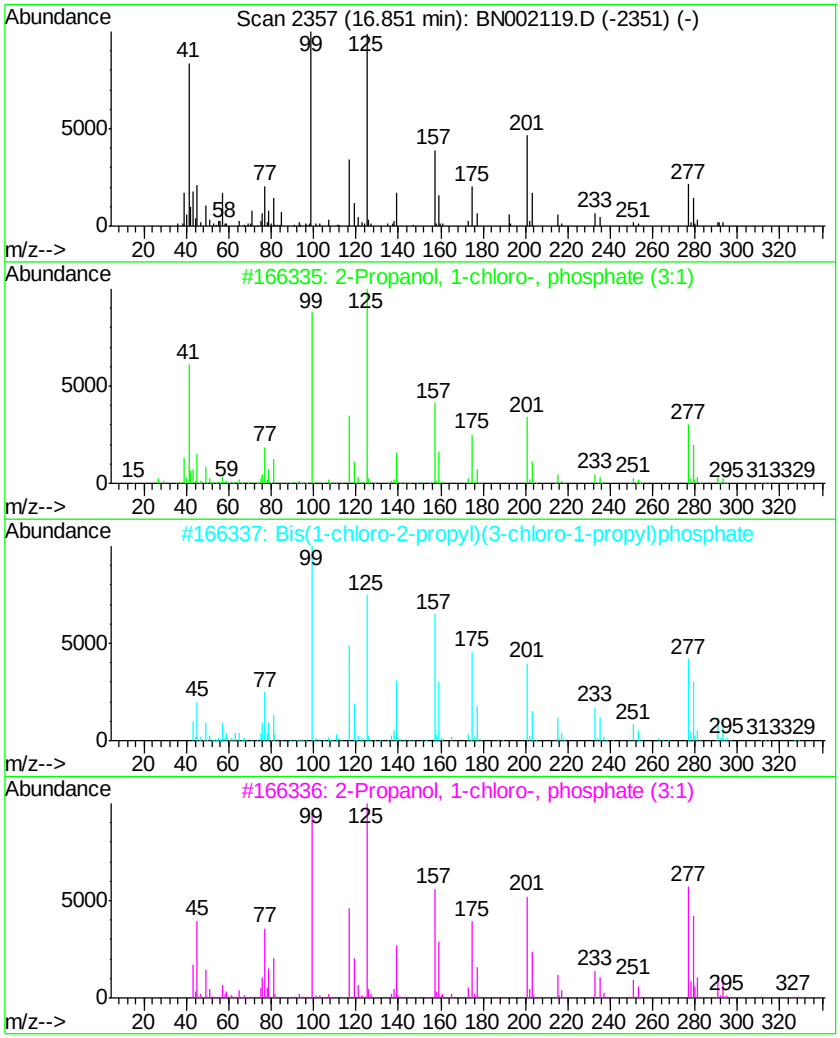
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

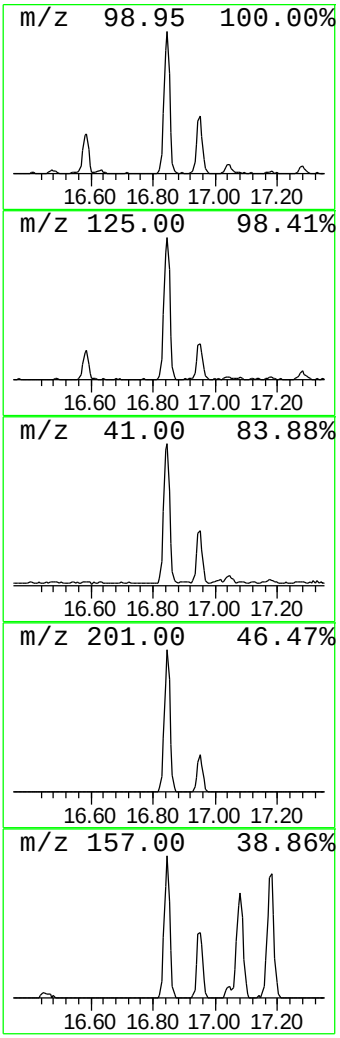
****

Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.39 ng/ul	457275	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	58
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	47
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	23





Library Search Compound Report

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Sample : J4038-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

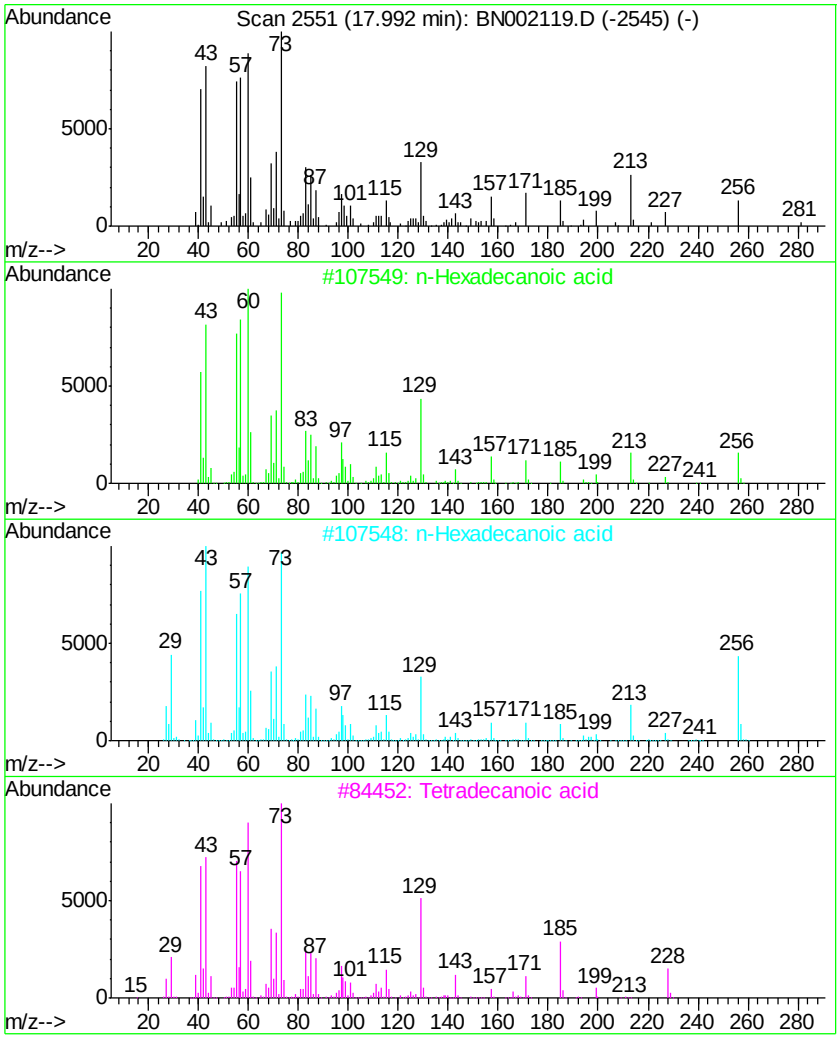
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

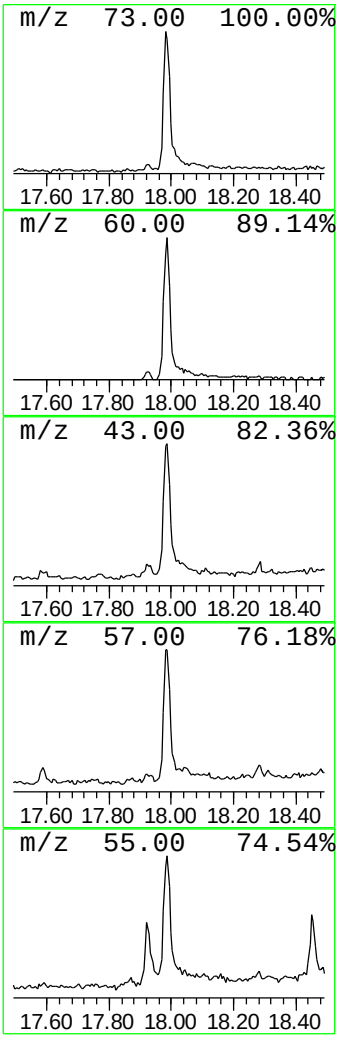
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.03 ng/ul	386891	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

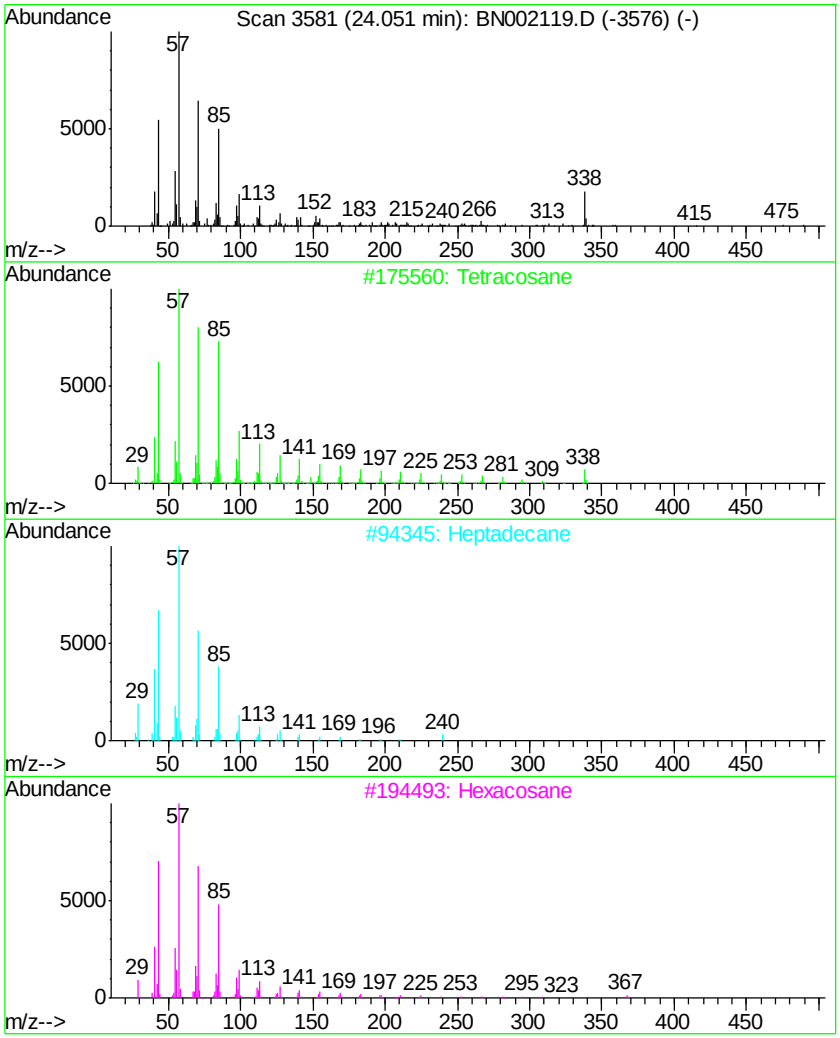
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

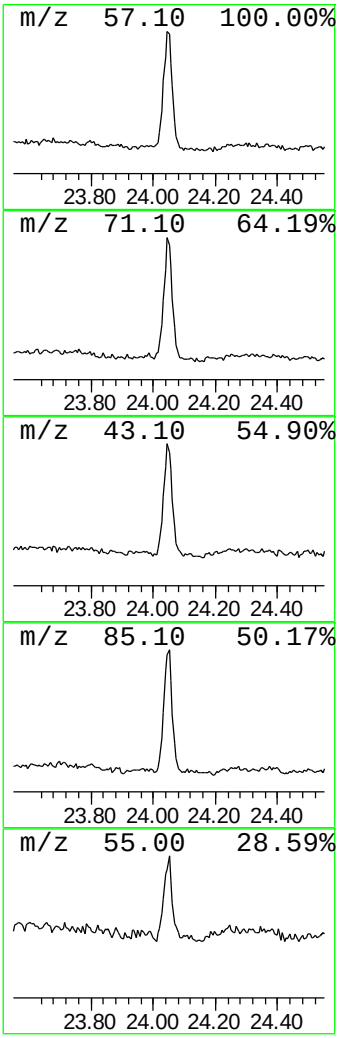
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	4.36 ng/ul	740031	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
5	Heneicosane	296	C21H44	000629-94-7	81





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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

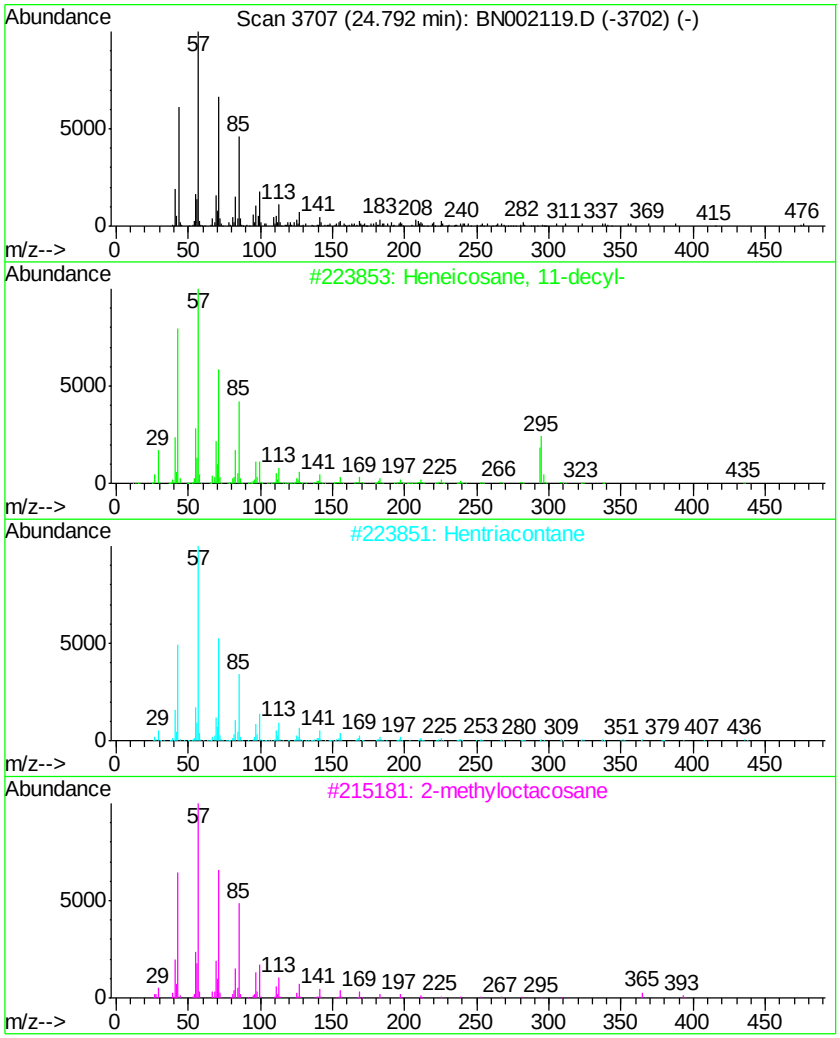
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

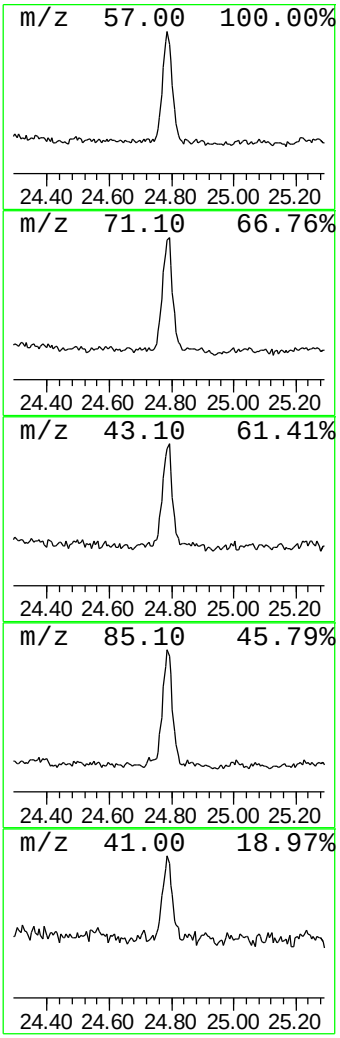
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.63 ng/ul	446356	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Diphenyl ether	13.38	10.9	ng/ul	1733480	3	14.33	3192120	20.0
Tri(2-chloroethyl...	16.59	2.0	ng/ul	385847	4	17.07	3818680	20.0
2-Propanol, 1-chl...	16.85	2.4	ng/ul	457275	4	17.07	3818680	20.0
n-Hexadecanoic acid	17.99	2.0	ng/ul	386891	4	17.07	3818680	20.0
(DEL) Alkane: Str...	24.05	4.4	ng/ul	740031	6	23.51	3392840	20.0
(DEL) Alkane: Str...	24.79	2.6	ng/ul	446356	6	23.51	3392840	20.0