LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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	6.881	653	662	678	rVB2	578509	1118049	16.68%	1.438%
2	7.040	683	689	699	rBV	475459	723269	10.79%	0.930%
3	7.234	715	722	732	rBV	609819	985767	14.70%	1.268%
4	7.699	794	801	809	rBV	1008634	1621403	24.18%	2.085%
5	8.404	914	921	936	rBV	649363	1111232	16.57%	1.429%
6	8.846	989	996	1005	rBV	608063	1004808	14.99%	1.292%
7	9.563	1111	1118	1125	rBV	494497	835122	12.46%	1.074%
8	10.099	1202	1209	1227	rBV	770917	1322548	19.73%	1.701%
9	10.469	1265	1272	1280	rBV	1462034	2510441	37.44%	3.229%
10	10.610	1289	1296	1309	rBV	448047	813637	12.14%	1.047%
11	13.381	1761	1767	1773	rVB	158223	228634	3.41%	0.294%
12	13.739	1822	1828	1833	rBV	1374496	1886005	28.13%	2.426%
13	13.787	1833	1836	1842	rVB	162138	219871	3.28%	0.283%
14	14.022	1869	1876	1887	rBV	1599604	2411084	35.96%	3.101%
15	14.334	1922	1929	1936	rBV2	2149496	3356958	50.07%	4.318%
16	14.545	1958	1965	1980	rBV	392229	737988	11.01%	0.949%
17	15.328	2091	2098	2104	rBV	2012286	2943790	43.91%	3.786%
18	15.451	2113	2119	2126	rBV	413654	582456	8.69%	0.749%
19	16.845	2351	2356	2362	rVB	728138	908768	13.55%	1.169%
20	16.951	2369	2374	2379	rVB	264647	322761	4.81%	0.415%
21	17.080	2386	2396	2400	rBV	2890597	4069401	60.69%	5.234%
22	17.122	2400	2403	2407	rVV	583208	771893	11.51%	0.993%
23	17.175	2407	2412	2423	rVB2	2146103	3251912	48.50%	4.183%
24	17.927	2535	2540	2542	rBV	175193	247076	3.69%	0.318%
25	17.986	2546	2550	2559	rVB2	399334	734216	10.95%	0.944%
26	18.145	2572	2577	2581	rBV2	128727	222774	3.32%	0.287%
27	18.186	2581	2584	2589	rVB	77058	101954	1.52%	0.131%
28	18.457	2626	2630	2633	rBV	119715	162182	2.42%	0.209%
29	18.498	2633	2637	2643	rVB2	102005	146801	2.19%	0.189%
30	18.704	2667	2672	2676	rVB5	87904	126070	1.88%	0.162%
31	18.880	2697	2702	2706	rBV2	83253	145423	2.17%	0.187%
32	18.927	2706	2710	2715	rBV5	46065	93186	1.39%	0.120%
33	19.016	2720	2725	2733	rVB	209904	328900	4.91%	0.423%
34	19.145	2738	2747	2753	rBV	2419950	3443932	51.36%	4.430%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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	19.386	2785	2788	2792	rVB	65001	76508	1.14%	0.098%
36	19.480	2798	2804	2806	rBV2	2886212	4337733	64.70%	5.579%
37	19.504	2806	2808	2817	rVV	2459697	3088271	46.06%	3.972%
38	19.580	2817	2821	2827	rVB2	122366	209824	3.13%	0.270%
39	19.686	2835	2839	2844	rBV	167076	231159	3.45%	0.297%
40	19.833	2859	2864	2870	rBV4	190228	467834	6.98%	0.602%
41	19.969	2883	2887	2889	rBV3	149351	234161	3.49%	0.301%
42	20.104	2907	2910	2914	rVV2	103706	132634	1.98%	0.171%
43	20.163	2914	2920	2924	rVV2	279271	510577	7.62%	0.657%
44	20.204	2924	2927	2931	rVV	128248	155696	2.32%	0.200%
45	20.245	2931	2934	2938	rVB2	75764	95796	1.43%	0.123%
46	20.304	2941	2944	2947	rVV	141983	172588	2.57%	0.222%
47	20.351	2948	2952	2956	rVV3	142688	224243	3.34%	0.288%
48	20.416	2960	2963	2967	rVV	229500	247837	3.70%	0.319%
49	20.757	3017	3021	3027	rVB	529903	696408	10.39%	0.896%
50	20.916	3043	3048	3053	rBV2	269374	547515	8.17%	0.704%
51	20.957	3053	3055	3059	rVV	236451	309349	4.61%	0.398%
52	21.004	3059	3063	3067	rVV3	343973	607814	9.07%	0.782%
53	21.051	3067	3071	3083	rVB	557766	1172692	17.49%	1.508%
54	21.274	3102	3109	3113	rBV2	3603103	6704846	100.00%	8.624%
55	21.316	3113	3116	3123	rVB	1523009	2010818	29.99%	2.586%
56	21.439	3133	3137	3141	rBV2	234088	332920	4.97%	0.428%
57	21.586	3159	3162	3168	rBV2	163920	282069	4.21%	0.363%
58	21.827	3200	3203	3207	rVB	268887	336103	5.01%	0.432%
59	21.880	3208	3212	3218	rVV2	389133	554125	8.26%	0.713%
60	22.339	3287	3290	3299	rVB	334151	510178	7.61%	0.656%
61	22.845	3370	3376	3381	rBV2	1722586	3582453	53.43%	4.608%
62	23.321	3452	3457	3460	rBV	632184	1065501	15.89%	1.370%
63	23.368	3460	3465	3469	rVV	1265797	2298107	34.28%	2.956%
64	23.410	3469	3472	3481	rVB2	1105323	1892049	28.22%	2.434%
65	23.510	3483	3489	3495	rBV	1622348	3009685	44.89%	3.871%
66	24.051	3576	3581	3593	rVB	586601	1148467	17.13%	1.477%
67	25.739	3863	3868	3881	rVB2	380585	1010918	15.08%	1.300%

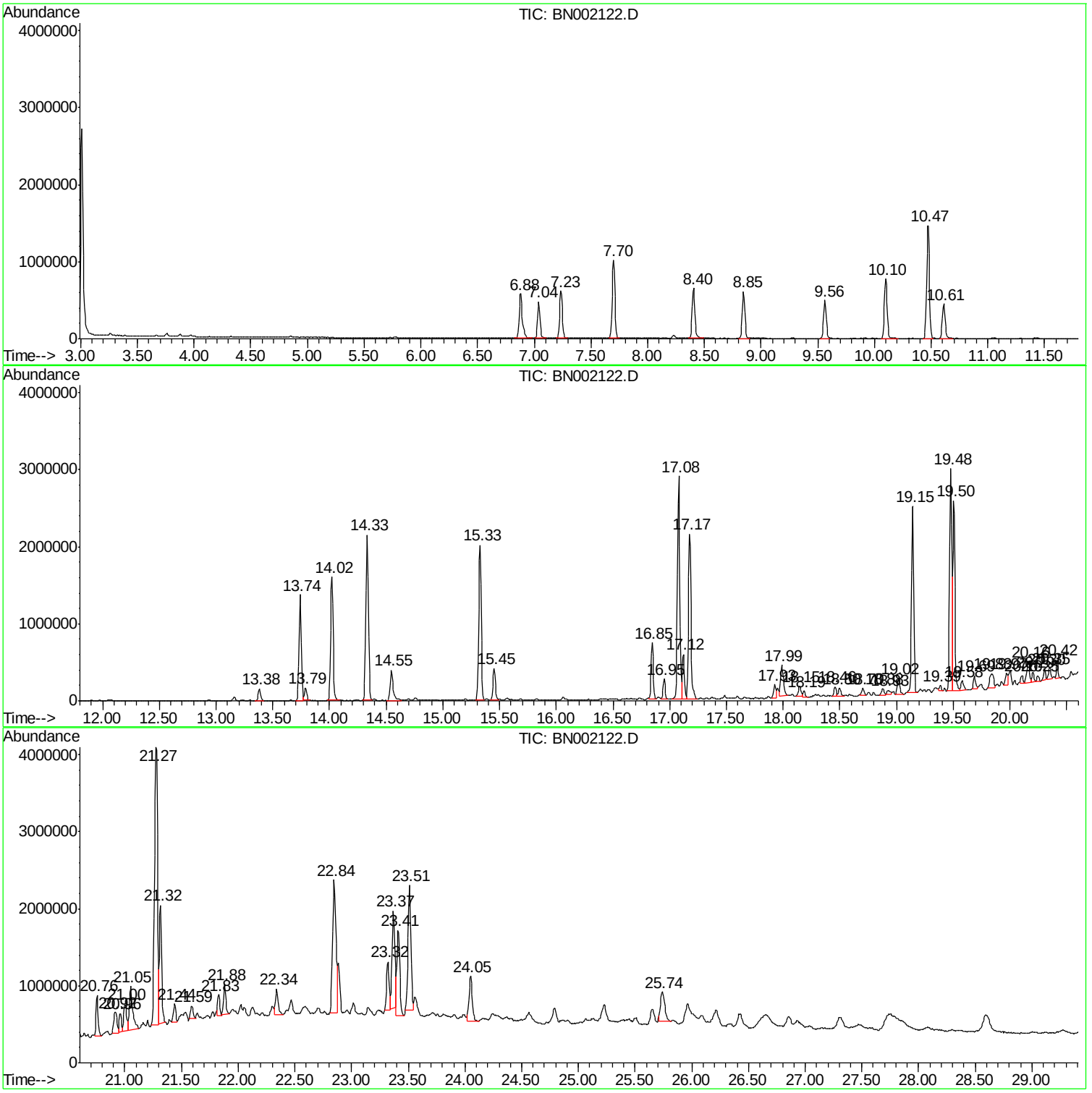
Sum of corrected areas: 77747189

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1L9

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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

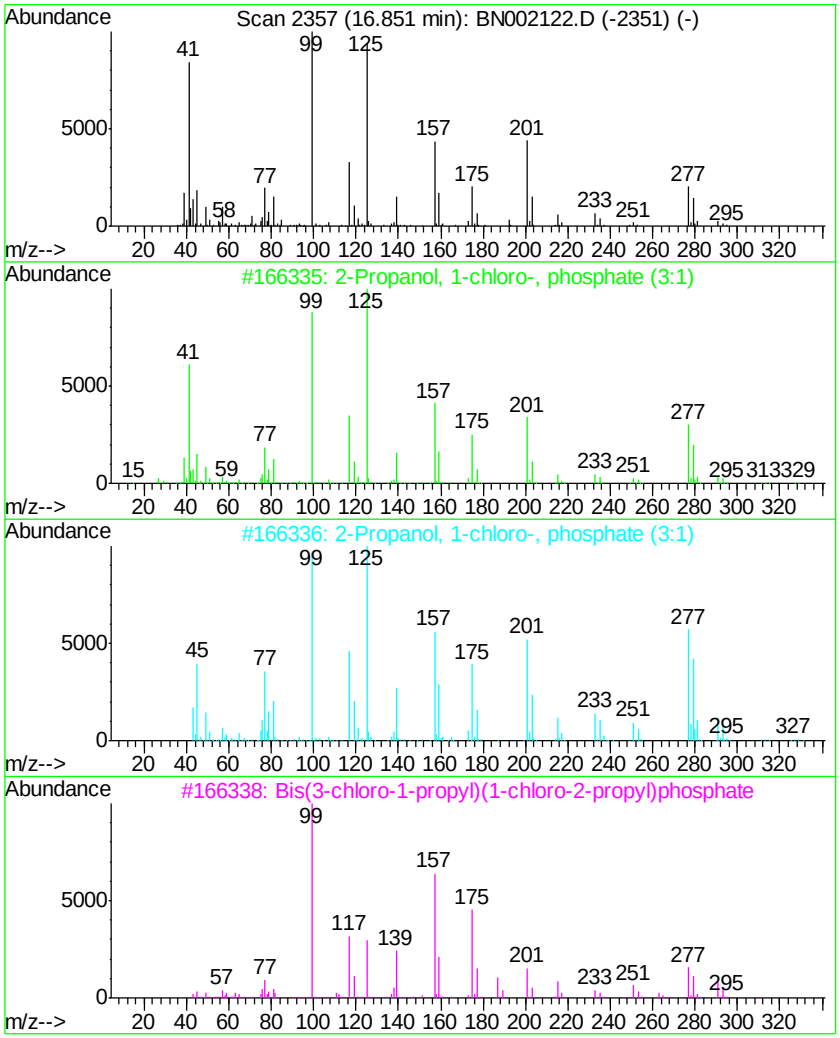
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

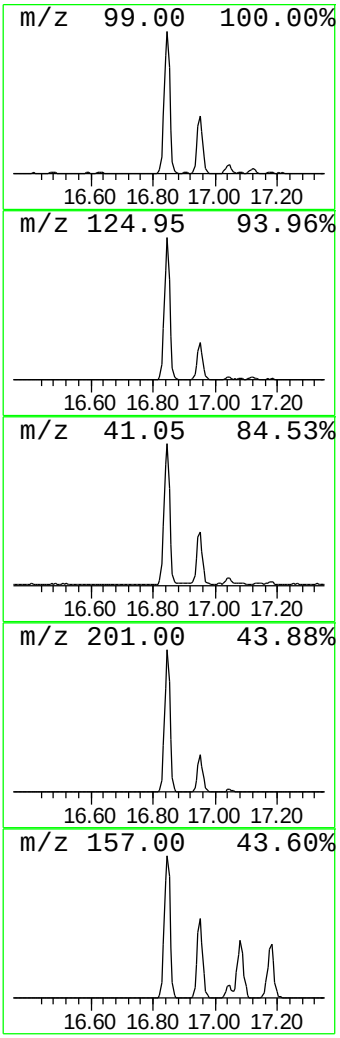
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.47 ng/ul	908768	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	81
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
5	3-Chloro-2-nitrobenzoic acid	201	C7H4ClNO4	004771-47-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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

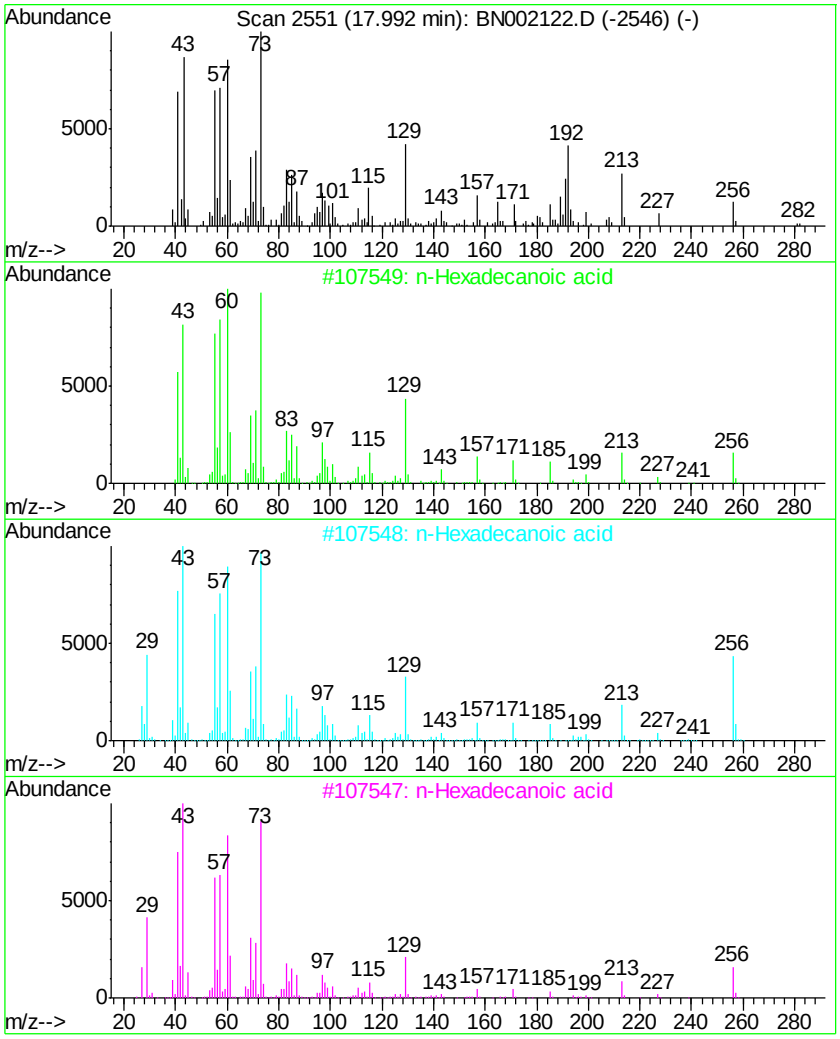
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

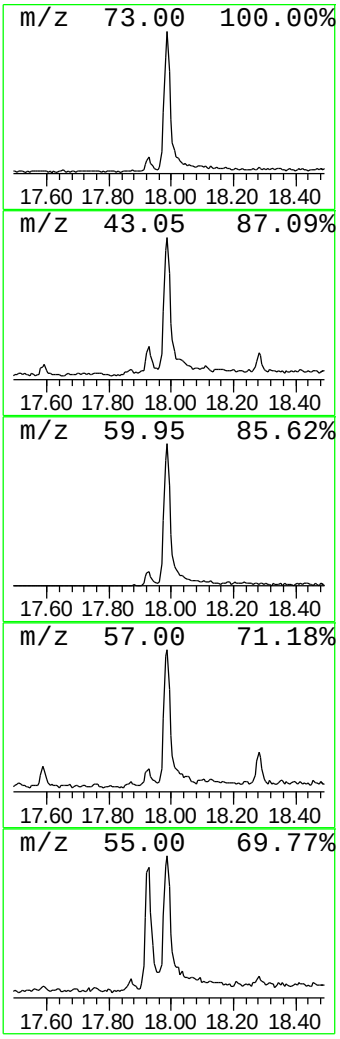
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.61 ng/ul	734216	Phenanthrene-d10	17.08

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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

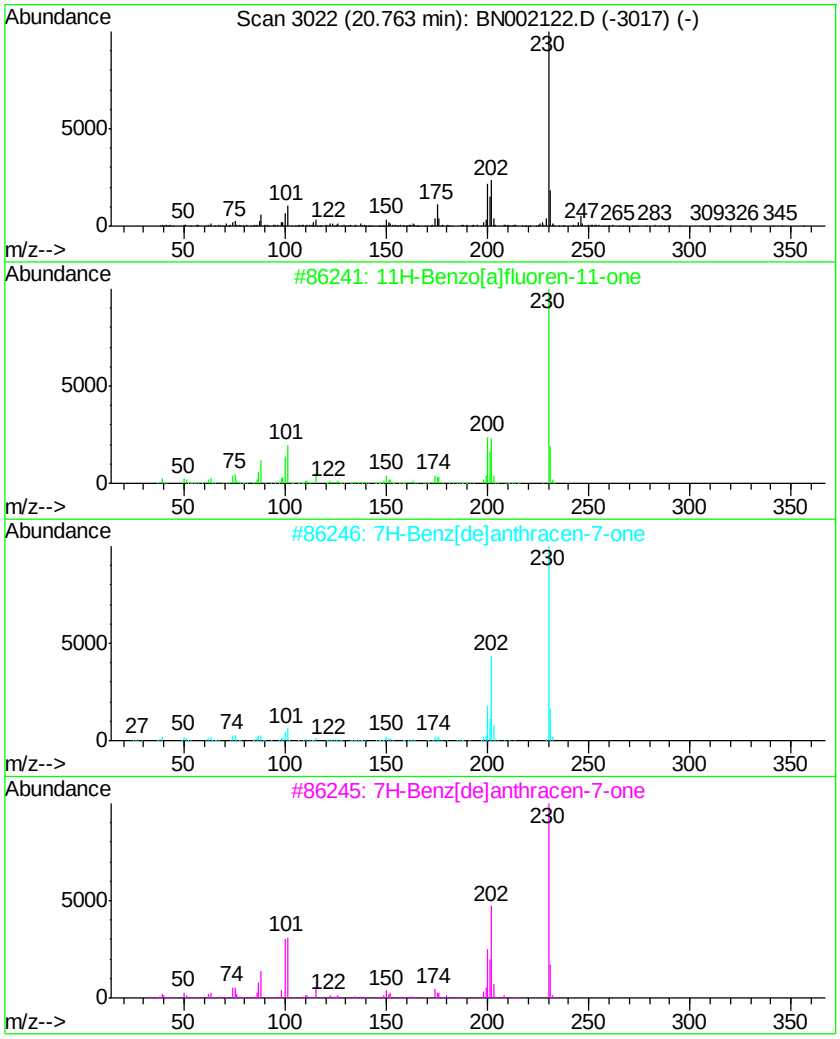
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

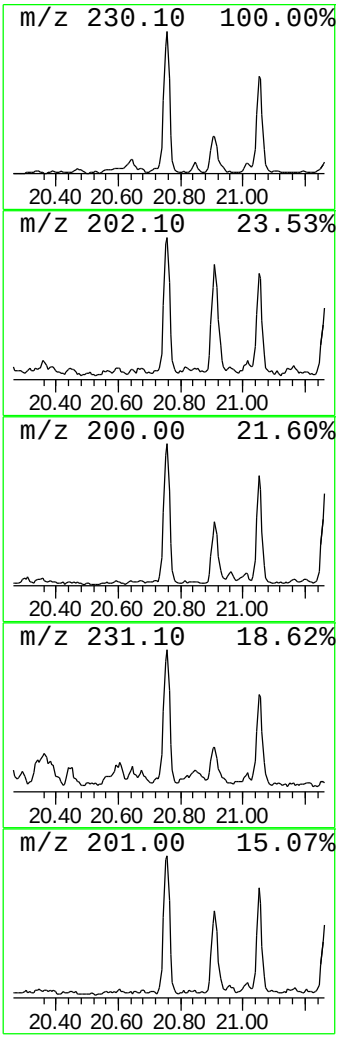
****

Peak Number 3 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.08 ng/ul	696408	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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

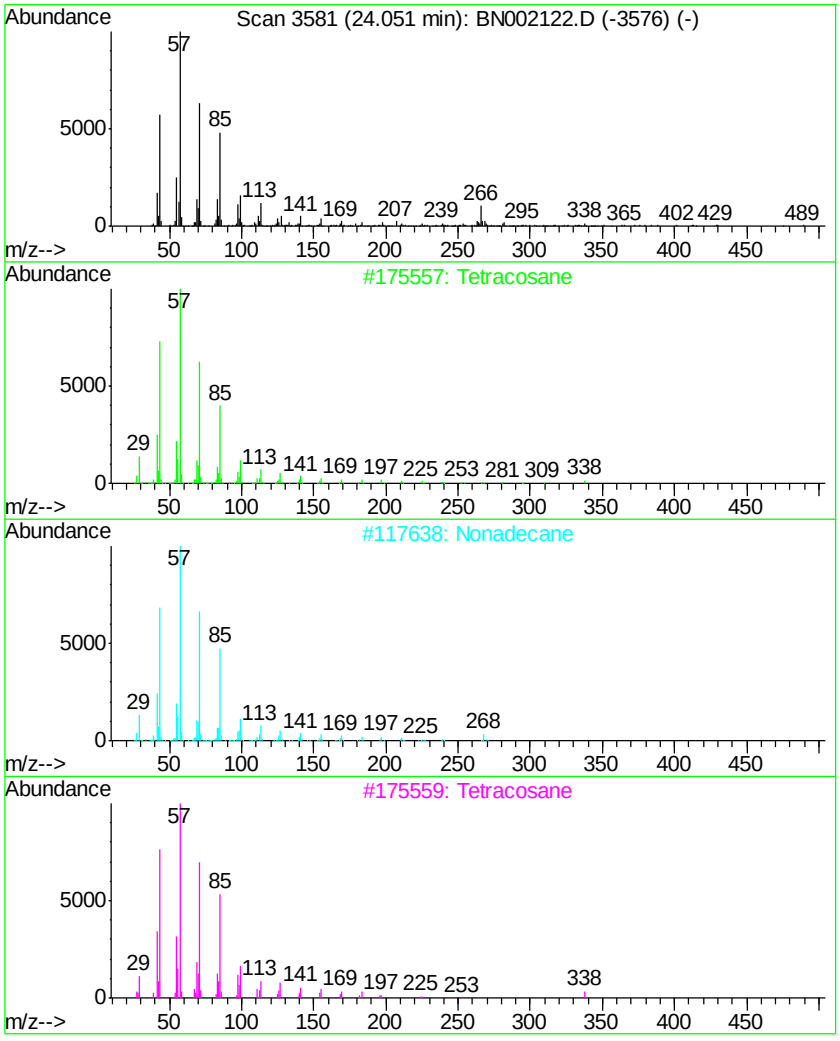
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

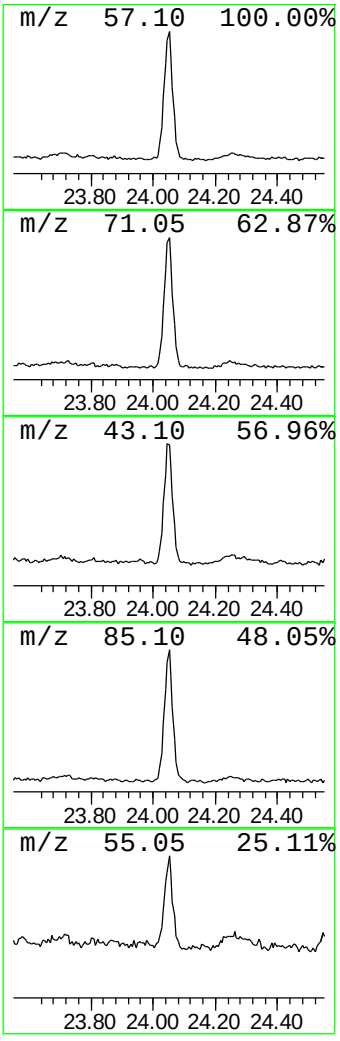
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	7.63 ng/ul	1148470	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Tetracosane	338	C24H50	000646-31-1	95
4	Eicosane	282	C20H42	000112-95-8	93
5	Tetracosane	338	C24H50	000646-31-1	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB1L9

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-chl...	16.85	4.5	ng/ul	908768	4	17.08	4069400	20.0
n-Hexadecanoic acid	17.99	3.6	ng/ul	734216	4	17.08	4069400	20.0
11H-Benzo[a]fluor...	20.76	2.1	ng/ul	696408	5	21.28	6704850	20.0
(DEL) Alkane: Str...	24.05	7.6	ng/ul	1148470	6	23.51	3009690	20.0