LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

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_M\METHODS\SOM-EPA-BM071318MA.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	3.458	26	29	35	rVB2	6020	8501	1.19%	0.099%
2	4.128	138	143	147	rBV2	9688	15066	2.12%	0.175%
3	7.346	686	690	710	rBB3	95047	269483	37.85%	3.123%
4	7.510	713	718	729	rBV	67515	114445	16.07%	1.326%
5	7.716	747	753	766	rBB	103479	177257	24.89%	2.054%
6	8.187	827	833	845	rBB	186166	301584	42.35%	3.495%
7	8.652	908	912	922	rBB	13751	24081	3.38%	0.279%
8	8.905	951	955	962	rBV	107437	180498	25.35%	2.092%
9	8.975	962	967	976	rVB	68582	132241	18.57%	1.533%
10	9.375	1030	1035	1047	rBV	93687	162942	22.88%	1.888%
11	10.099	1153	1158	1170	rBB	79418	137016	19.24%	1.588%
12	10.451	1214	1218	1221	rBV3	6338	10607	1.49%	0.123%
13	10.493	1221	1225	1231	rVB2	8536	16191	2.27%	0.188%
14	10.640	1244	1250	1258	rBV	110268	201948	28.36%	2.340%
15	10.887	1289	1292	1301	rBB2	4898	9290	1.30%	0.108%
16	11.004	1305	1312	1322	rBV	244049	405114	56.89%	4.695%
17	11.157	1333	1338	1347	rBV2	88611	161546	22.69%	1.872%
18	14.222	1853	1859	1863	rBV	199566	273893	38.47%	3.174%
19	14.269	1863	1867	1873	rVB	41757	58369	8.20%	0.676%
20	14.516	1903	1909	1917	rBV	215959	313893	44.08%	3.638%
21	14.816	1954	1960	1967	rBB2	311064	454044	63.77%	5.262%
22	15.069	2000	2003	2019	rBV4	7837	24712	3.47%	0.286%
23	15.804	2122	2128	2136	rBB	262280	375741	52.77%	4.354%
24	15.951	2148	2153	2159	rBB	22895	31904	4.48%	0.370%
25	17.545	2418	2424	2430	rBV	351019	479144	67.29%	5.553%
26	17.645	2436	2441	2451	rVB	274938	372872	52.37%	4.321%
27	18.392	2562	2568	2576	rBV2	39347	51719	7.26%	0.599%
28	19.574	2761	2769	2776	rVV	159597	219108	30.77%	2.539%
29	19.645	2777	2781	2787	rBV5	12755	18814	2.64%	0.218%
30	19.910	2820	2826	2829	rBV	356717	523301	73.49%	6.064%
31	19.939	2829	2831	2837	rVB	151839	161861	22.73%	1.876%
32	20.004	2839	2842	2847	rVV3	7221	10632	1.49%	0.123%
33	20.116	2857	2861	2865	rVB	14006	19077	2.68%	0.221%
34	20.263	2880	2886	2890	rBV4	13920	27509	3.86%	0.319%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

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_M\METHODS\SOM-EPA-BM071318MA.M
Title : SVOA CALIBRATION

35	20.392	2902	2908	2912	rBV6	21937	50868	7.14%	0.589%
36	20.521	2928	2930	2933	rBV4	8227	8077	1.13%	0.094%
37	20.574	2933	2939	2943	rBV5	29593	52644	7.39%	0.610%
38	20.715	2960	2963	2965	rBV3	11253	12209	1.71%	0.141%
39	20.880	2987	2991	2995	rBV5	14133	17807	2.50%	0.206%
40	20.951	3000	3003	3009	rVV	84054	101725	14.29%	1.179%
41	21.163	3035	3039	3045	rBV2	57649	84438	11.86%	0.979%
42	21.321	3062	3066	3069	rBV4	47047	77706	10.91%	0.901%
43	21.398	3077	3079	3084	rVB4	21001	27258	3.83%	0.316%
44	21.463	3087	3090	3097	rVB	36250	44703	6.28%	0.518%
45	21.545	3101	3104	3107	rBV2	28192	33395	4.69%	0.387%
46	21.668	3119	3125	3129	rBV	486677	712045	100.00%	8.252%
47	21.710	3129	3132	3138	rVV	142401	189137	26.56%	2.192%
48	21.768	3139	3142	3145	rVB3	22418	24001	3.37%	0.278%
49	22.215	3215	3218	3221	rBV2	33932	40439	5.68%	0.469%
50	23.315	3399	3405	3410	rBV	120721	293248	41.18%	3.398%
51	23.815	3486	3490	3495	rBV3	90341	162447	22.81%	1.883%
52	23.874	3495	3500	3506	rVB	232757	412945	57.99%	4.786%
53	24.021	3520	3525	3534	rVB	280041	539545	75.77%	6.253%

Sum of corrected areas: 8629040

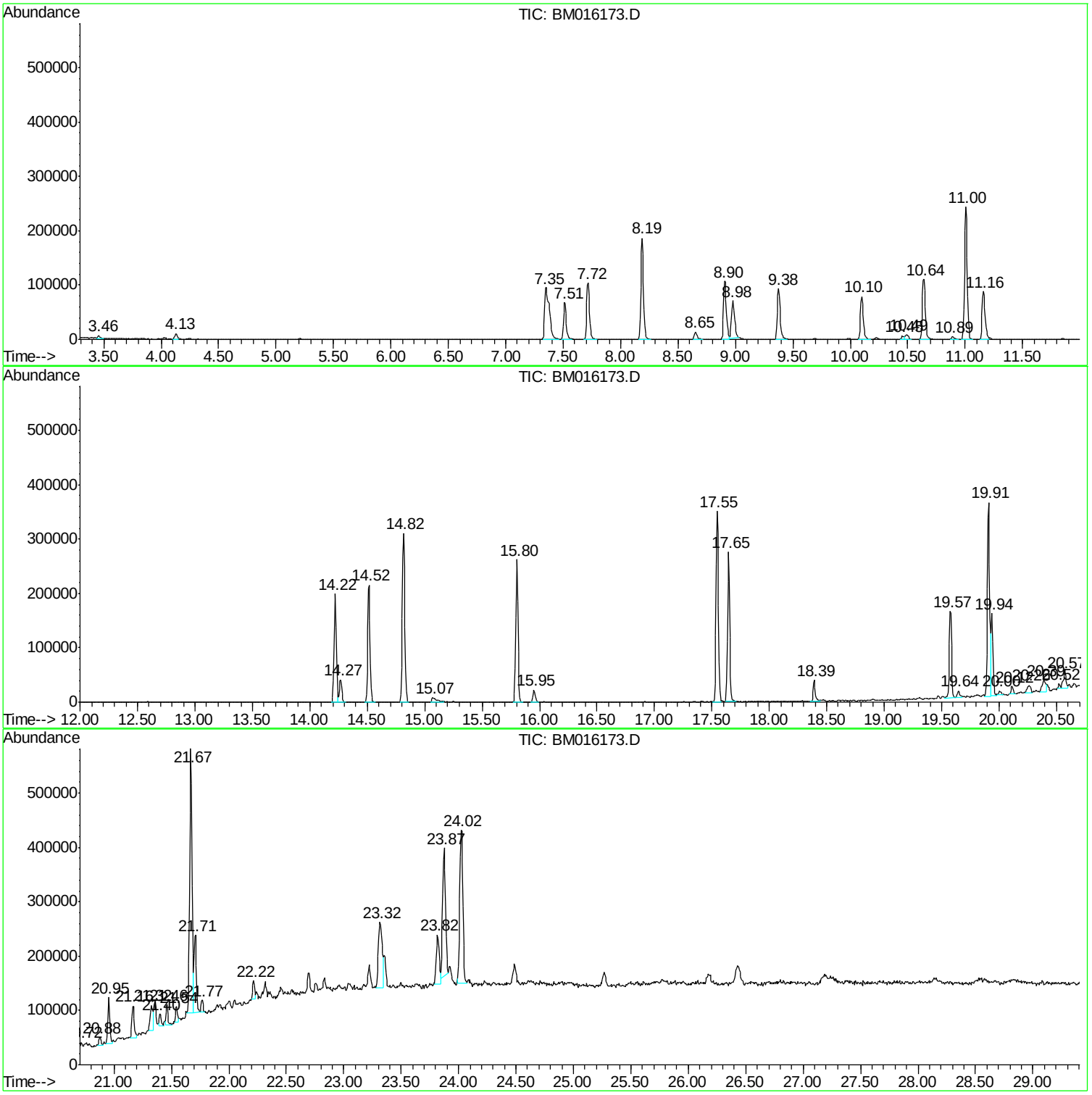
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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 M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

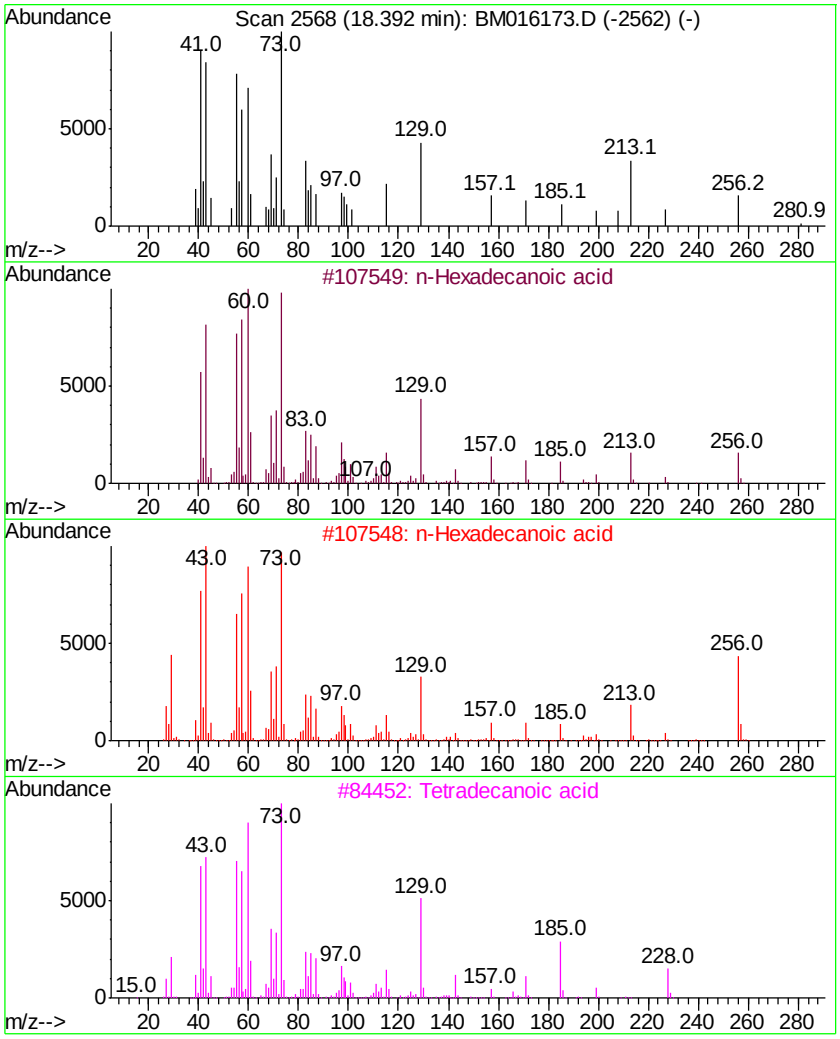
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

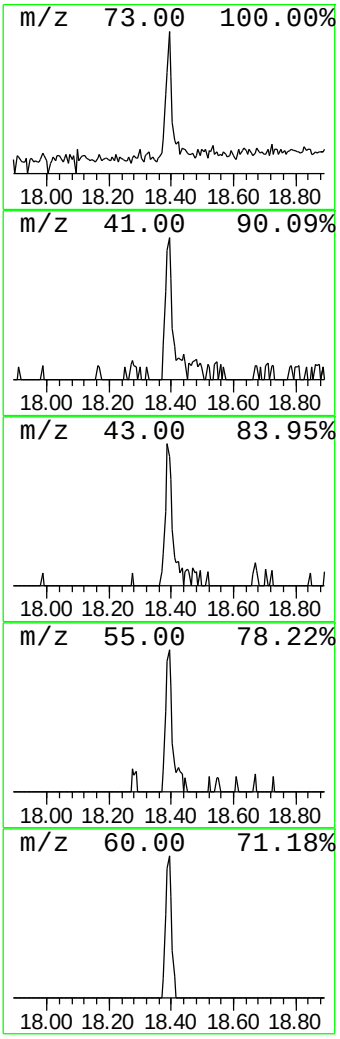
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.77 ng/ul	51719	Phenanthrene-d10	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

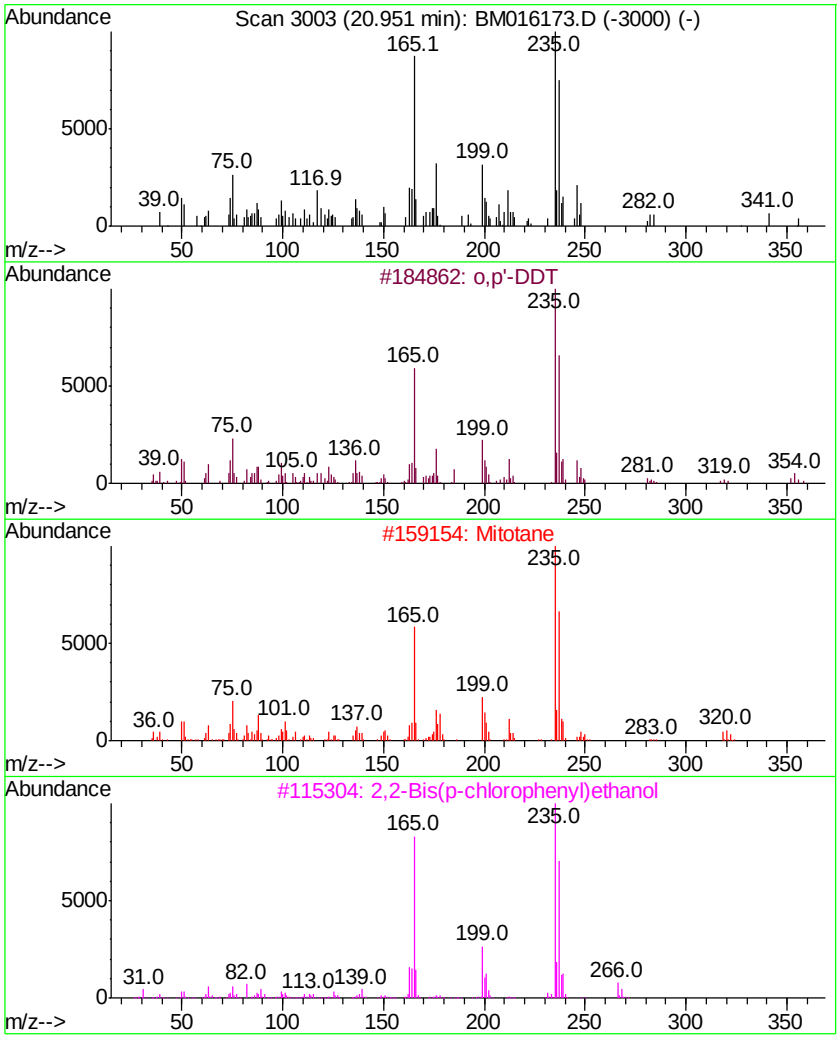
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

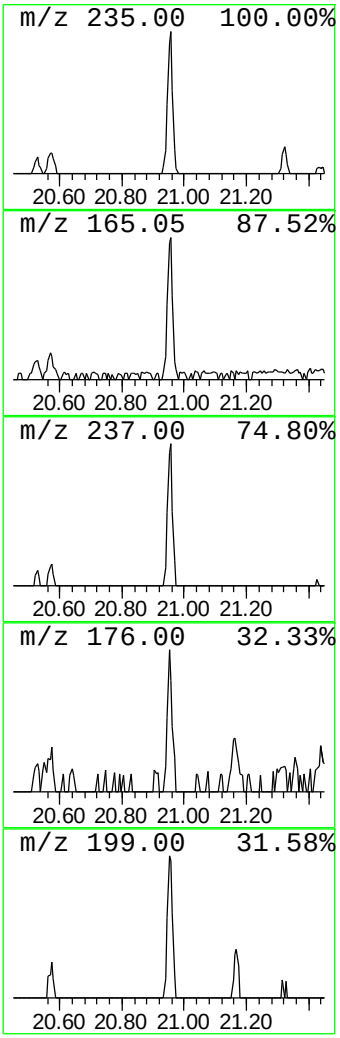
****

Peak Number 4 o,p'-DDT Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.86 ng/ul	101725	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDT	352	C14H9Cl5	000789-02-6	91
2	Mitotane	318	C14H10Cl4	000053-19-0	86
3	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	81
4	Mitotane	318	C14H10Cl4	000053-19-0	80
5	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

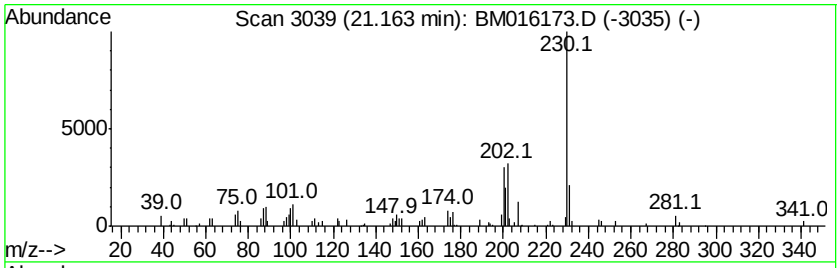
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

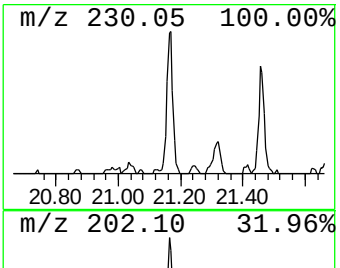
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.37 ng/ul	84438	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	86
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

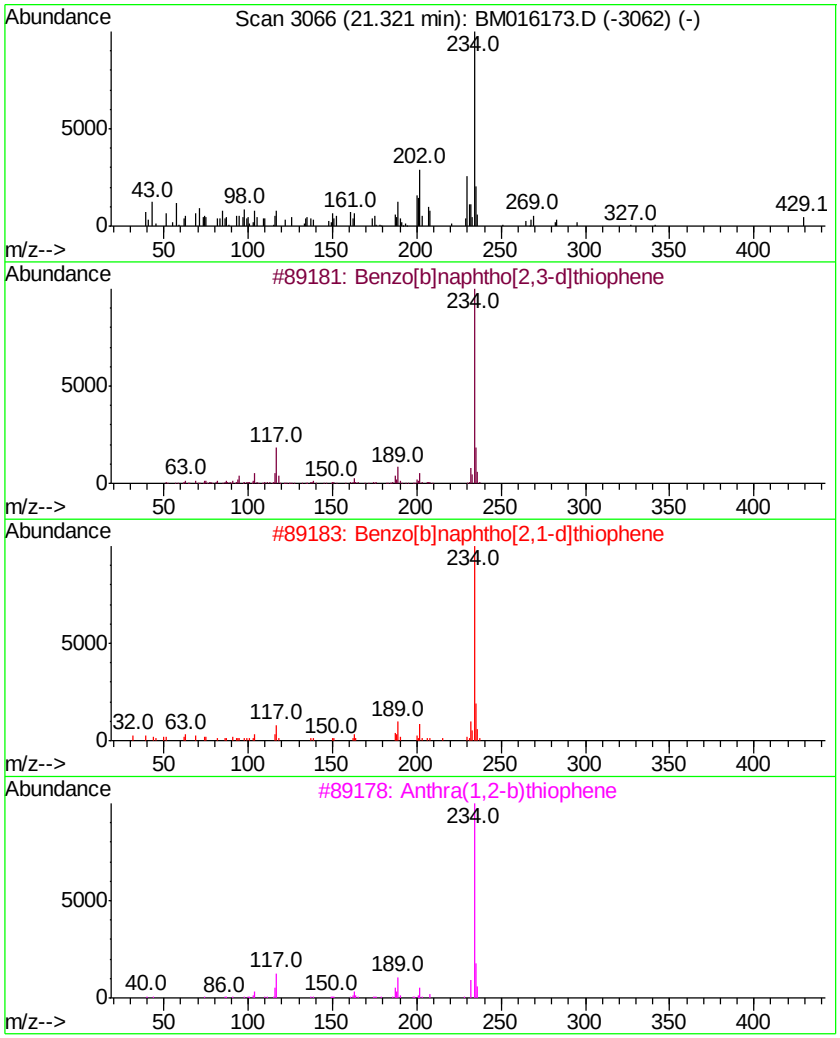
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

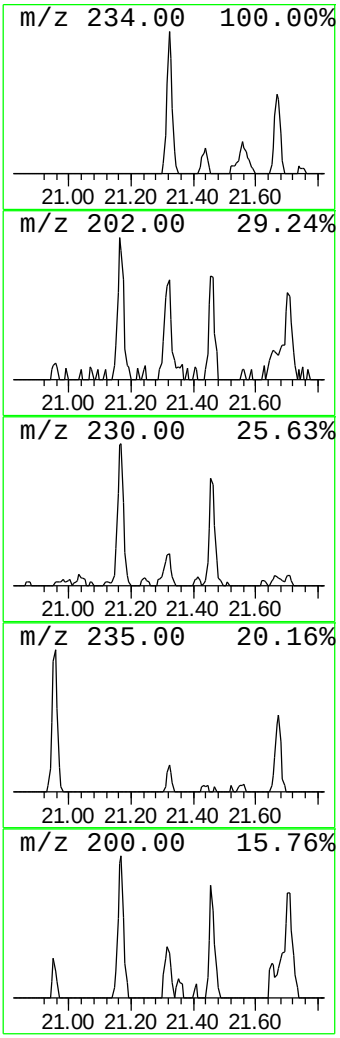
****

Peak Number 6 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.18 ng/ul	77706	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	64
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080318\
Data File : BM016173.D
Acq On : 03 Aug 2018 11:02
Operator : SJ/JU
Sample : J4178-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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
n-Hexadecanoic acid	18.39	2.8	ng/ul	51719	4	17.65	372872	20.0
o,p'-DDT	20.95	2.9	ng/ul	101725	5	21.67	712045	20.0
11H-Benzo[a]fluor...	21.16	2.4	ng/ul	84438	5	21.67	712045	20.0
Benzo[b]naphtho[2...	21.32	2.2	ng/ul	77706	5	21.67	712045	20.0