LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

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-BN081318MA.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	6.858	653	658	667	rBV	42020	75256	2.34%	0.232%
2	7.011	679	684	694	rBV	41692	70950	2.20%	0.219%
3	7.205	711	717	728	rVB	53968	89470	2.78%	0.276%
4	7.663	788	795	809	rBV	824889	1313641	40.80%	4.048%
5	8.381	909	917	928	rBV	55409	103839	3.23%	0.320%
6	8.816	986	991	998	rBV	49586	87786	2.73%	0.271%
7	9.534	1107	1113	1121	rBV2	38401	62851	1.95%	0.194%
8	10.081	1199	1206	1222	rBV2	44575	93417	2.90%	0.288%
9	10.434	1258	1266	1278	rBV	1208370	2028596	63.00%	6.251%
10	10.587	1285	1292	1303	rBV3	27889	63345	1.97%	0.195%
11	13.710	1818	1823	1827	rBV	124984	178794	5.55%	0.551%
12	13.757	1827	1831	1840	rVB	46330	70974	2.20%	0.219%
13	13.987	1864	1870	1882	rBV	155249	247925	7.70%	0.764%
14	14.293	1915	1922	1929	rVV2	1720146	2666018	82.80%	8.215%
15	14.357	1929	1933	1941	rVB	63696	91617	2.85%	0.282%
16	15.292	2086	2092	2097	rBV	216821	304065	9.44%	0.937%
17	15.345	2097	2101	2106	rVB2	44641	61448	1.91%	0.189%
18	16.351	2262	2272	2277	rBV6	23787	58023	1.80%	0.179%
19	16.704	2328	2332	2340	rVB3	22592	37174	1.15%	0.115%
20	16.810	2340	2350	2356	rBV	995032	1266454	39.33%	3.903%
21	16.863	2356	2359	2363	rVV	34572	46219	1.44%	0.142%
22	16.916	2363	2368	2374	rVB	647806	811626	25.21%	2.501%
23	17.010	2379	2384	2385	rBV	203537	235275	7.31%	0.725%
24	17.045	2385	2390	2394	rVV	2065761	3071994	95.41%	9.466%
25	17.087	2394	2397	2402	rVV	712284	933816	29.00%	2.878%
26	17.139	2402	2406	2410	rVV	226401	349451	10.85%	1.077%
27	17.175	2410	2412	2420	rVV	126620	158693	4.93%	0.489%
28	17.457	2455	2460	2463	rBV2	26987	39969	1.24%	0.123%
29	17.569	2474	2479	2483	rVB	43014	62886	1.95%	0.194%
30	17.628	2483	2489	2493	rBV2	34200	54463	1.69%	0.168%
31	17.751	2504	2510	2520	rVB6	32988	84026	2.61%	0.259%
32	17.845	2520	2526	2530	rBV3	19740	35046	1.09%	0.108%
33	17.922	2533	2539	2542	rVV	174386	264415	8.21%	0.815%
34	17.969	2542	2547	2552	rVB	215617	315382	9.80%	0.972%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

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-BN081318MA.M
Title : SVOA CALIBRATION

35	18.045	2552	2560	2565	rBV	65170	99409	3.09%	0.306%
36	18.110	2565	2571	2575	rVV2	261471	456311	14.17%	1.406%
37	18.151	2575	2578	2585	rVB	140155	193137	6.00%	0.595%
38	18.381	2611	2617	2620	rVV6	22580	42673	1.33%	0.131%
39	18.422	2620	2624	2628	rVV	134037	190473	5.92%	0.587%
40	18.469	2628	2632	2642	rVB3	92809	150462	4.67%	0.464%
41	18.551	2642	2646	2652	rBV2	28935	53997	1.68%	0.166%
42	18.669	2663	2666	2670	rVB2	48850	64724	2.01%	0.199%
43	18.722	2672	2675	2679	rVB	33257	39475	1.23%	0.122%
44	18.763	2679	2682	2689	rBV2	26759	32619	1.01%	0.101%
45	18.845	2691	2696	2699	rBV	95818	161453	5.01%	0.498%
46	18.881	2699	2702	2704	rBV4	27138	33709	1.05%	0.104%
47	18.986	2715	2720	2728	rBV	133351	253653	7.88%	0.782%
48	19.104	2734	2740	2747	rBV	1069873	1497647	46.51%	4.615%
49	19.180	2748	2753	2755	rVV	42046	67604	2.10%	0.208%
50	19.210	2755	2758	2764	rVB4	46777	69524	2.16%	0.214%
51	19.310	2772	2775	2779	rBV3	31039	47095	1.46%	0.145%
52	19.351	2779	2782	2792	rVB3	46477	126161	3.92%	0.389%
53	19.445	2792	2798	2799	rBV	425686	568843	17.67%	1.753%
54	19.469	2799	2802	2811	rVV	1436996	2036508	63.25%	6.275%
55	19.545	2811	2815	2823	rVB4	51904	108127	3.36%	0.333%
56	19.798	2853	2858	2868	rBV4	126518	318225	9.88%	0.981%
57	19.892	2871	2874	2877	rBV5	29965	34297	1.07%	0.106%
58	19.939	2877	2882	2883	rBV3	114770	150938	4.69%	0.465%
59	20.075	2901	2905	2909	rBV	93106	120482	3.74%	0.371%
60	20.133	2909	2915	2918	rBV	201745	296811	9.22%	0.915%
61	20.169	2918	2921	2926	rVB	77496	110315	3.43%	0.340%
62	20.269	2934	2938	2942	rBV	181440	245387	7.62%	0.756%
63	20.316	2942	2946	2950	rVB2	185173	247529	7.69%	0.763%
64	20.380	2954	2957	2961	rVV3	48188	60172	1.87%	0.185%
65	20.722	3011	3015	3022	rVB2	201893	334386	10.39%	1.030%
66	20.927	3047	3050	3053	rVB	122477	131165	4.07%	0.404%
67	20.963	3053	3056	3061	rVV2	87305	153944	4.78%	0.474%
68	21.022	3063	3066	3077	rVB	143861	232710	7.23%	0.717%
69	21.245	3096	3104	3107	rBV2	1951685	3219778	100.00%	9.922%
70	21.280	3107	3110	3116	rVB	591545	740958	23.01%	2.283%
71	21.398	3127	3130	3137	rVB3	117596	161651	5.02%	0.498%

LSC Area Percent Report

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Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

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-BN081318MA.M
Title : SVOA CALIBRATION

72	21.504	3146	3148	3152	rVB2	130846	142524	4.43%	0.439%
73	21.792	3194	3197	3201	rVB	132769	156473	4.86%	0.482%
74	22.798	3363	3368	3373	rBV2	429195	896106	27.83%	2.761%
75	23.269	3443	3448	3453	rBV	223063	407347	12.65%	1.255%
76	23.357	3459	3463	3470	rVB	372695	721554	22.41%	2.223%
77	23.457	3474	3480	3486	rBV	1026616	1840592	57.17%	5.672%

Sum of corrected areas: 32451852

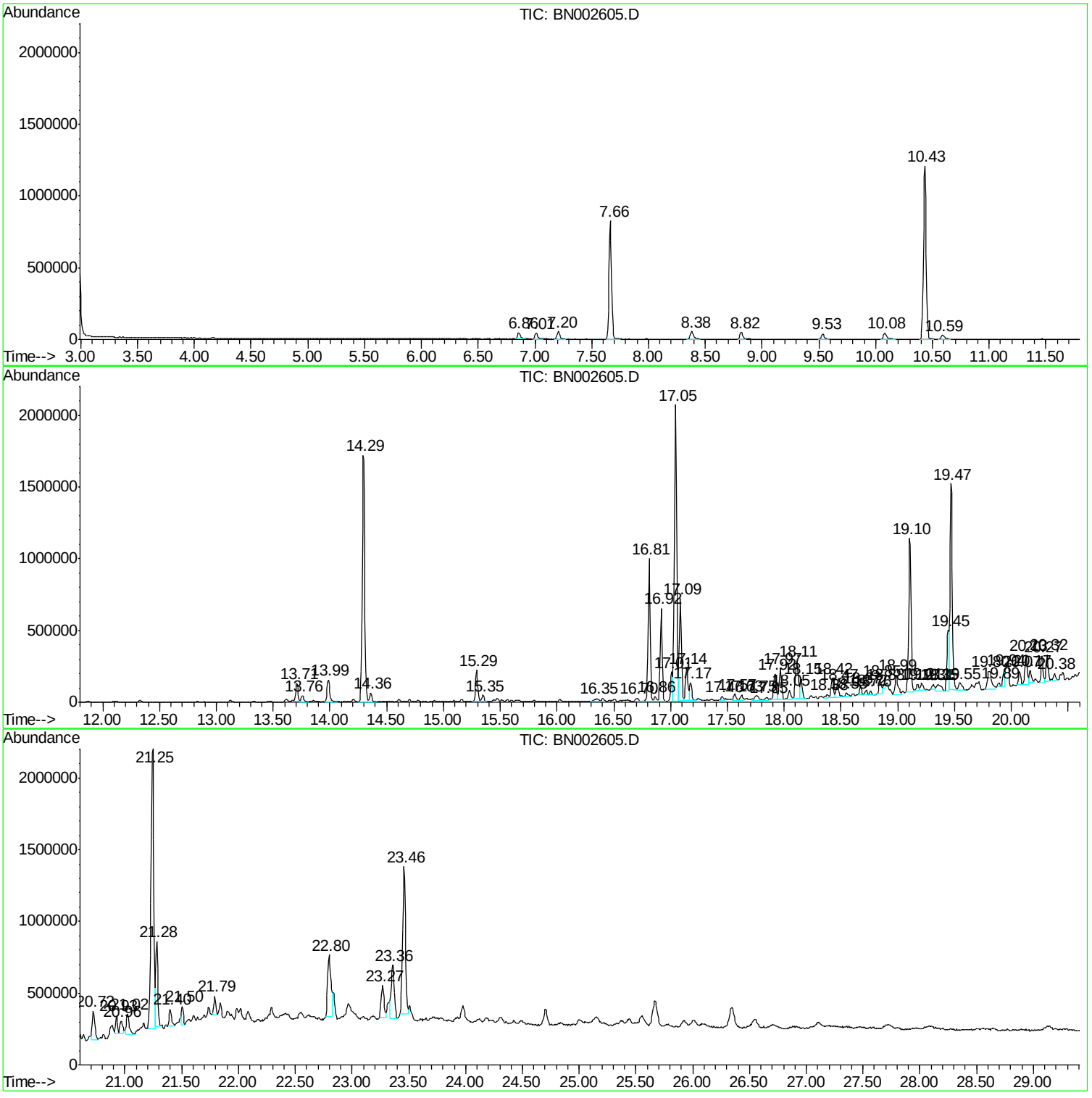
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

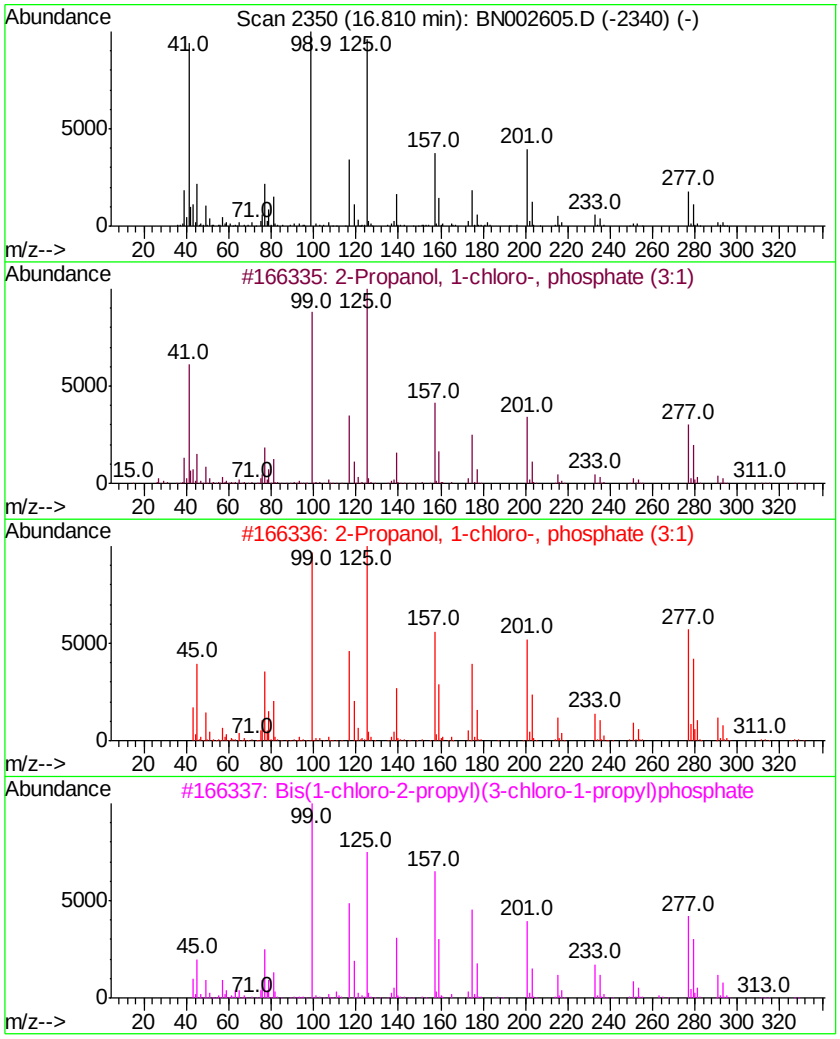
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

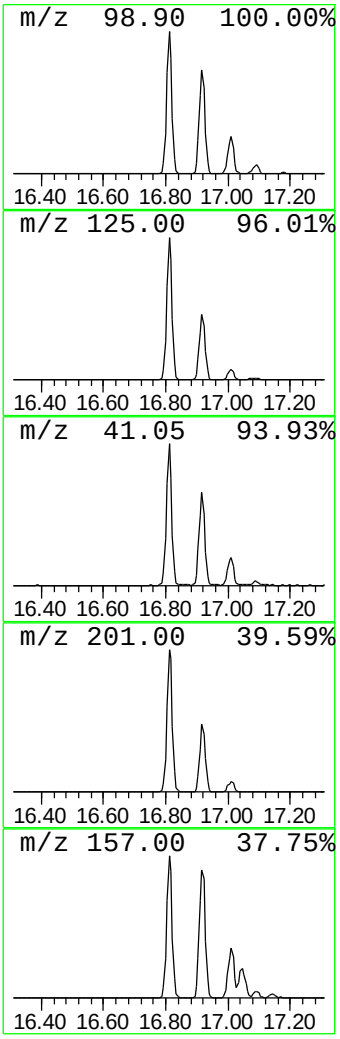
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	8.25 ng/ul	1266450	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	68
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	49
4	Sarin	140	C4H10FO2P	000107-44-8	43
5	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

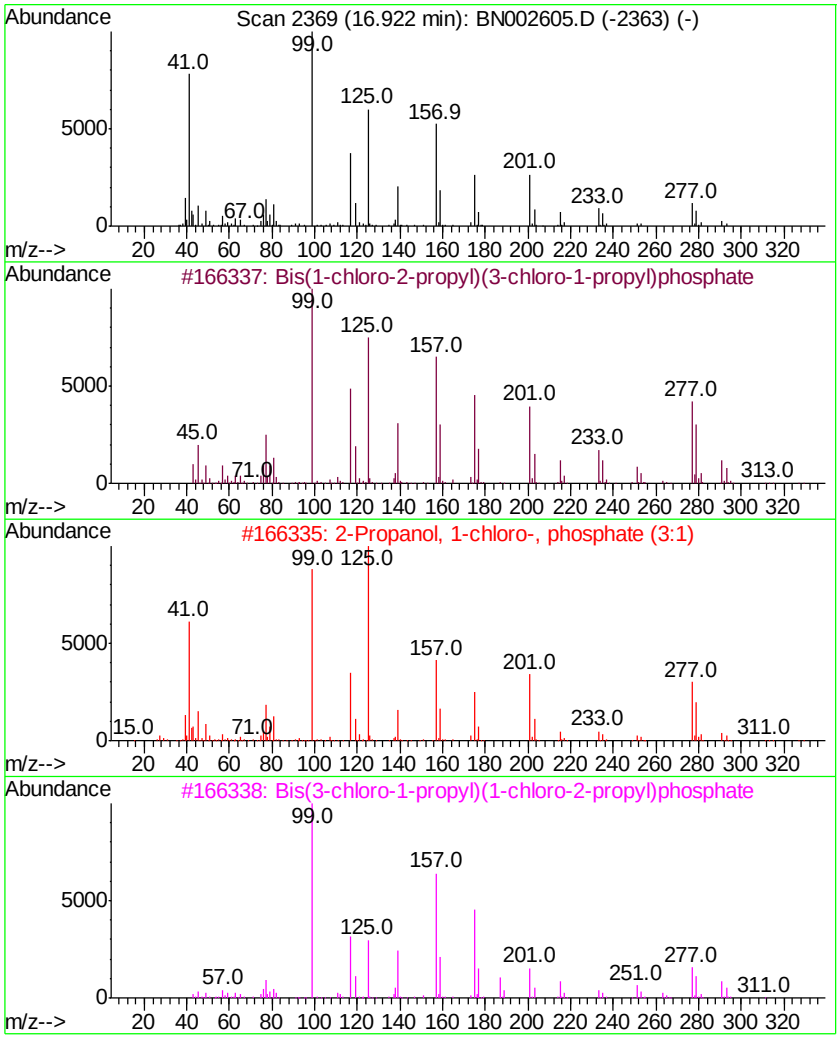
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

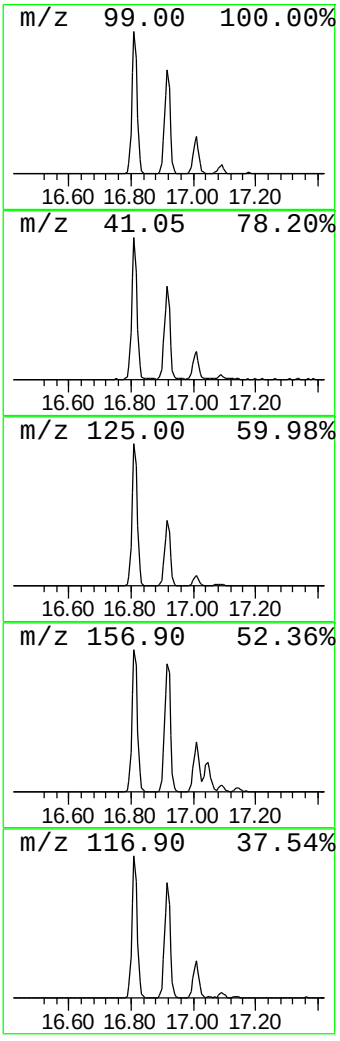
****

Peak Number 2 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	5.28 ng/ul	811626	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	83
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	50
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	45
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	33
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

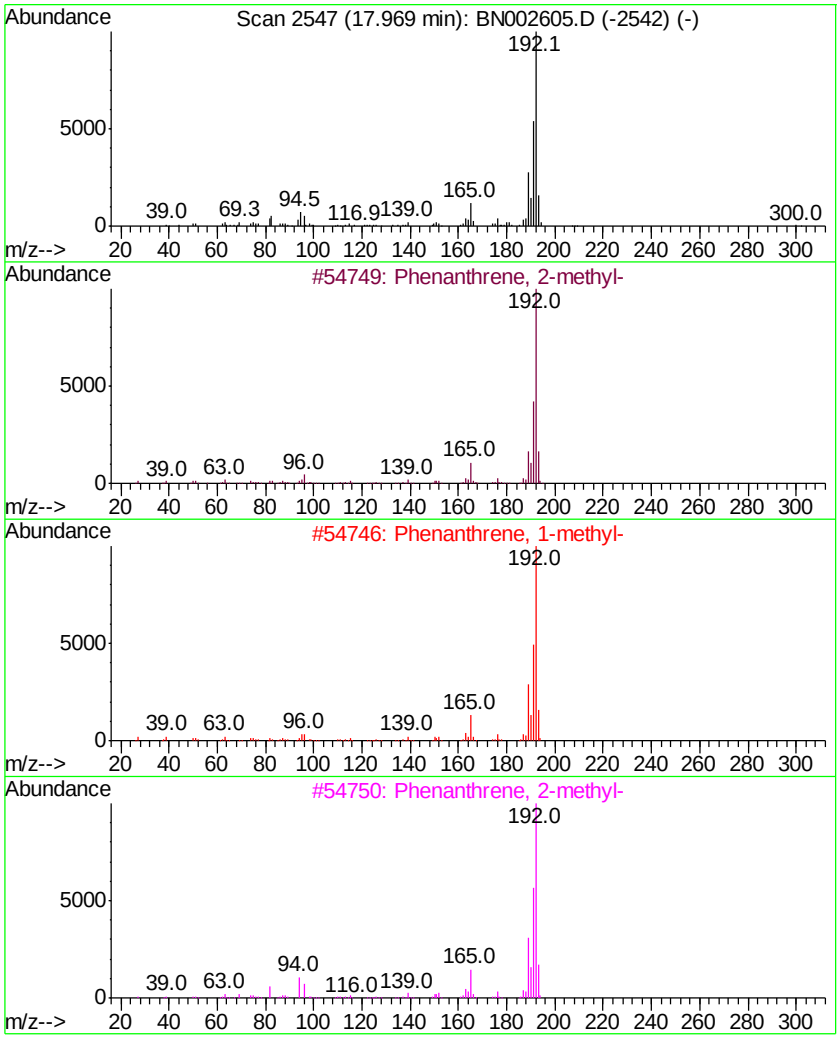
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

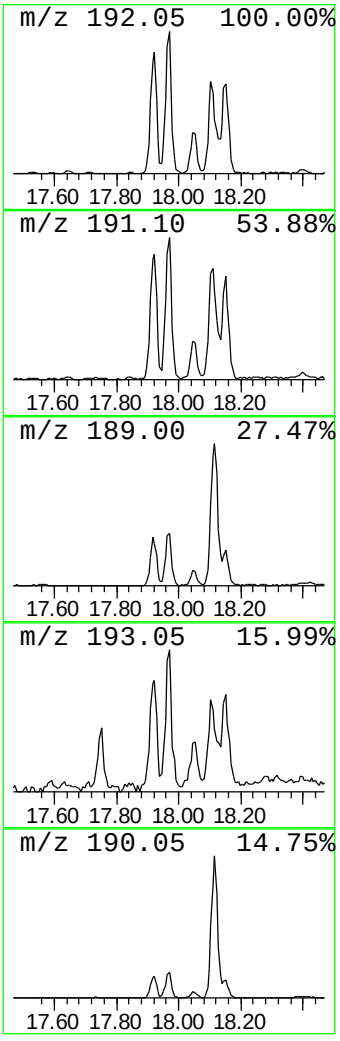
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.05 ng/ul	315382	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

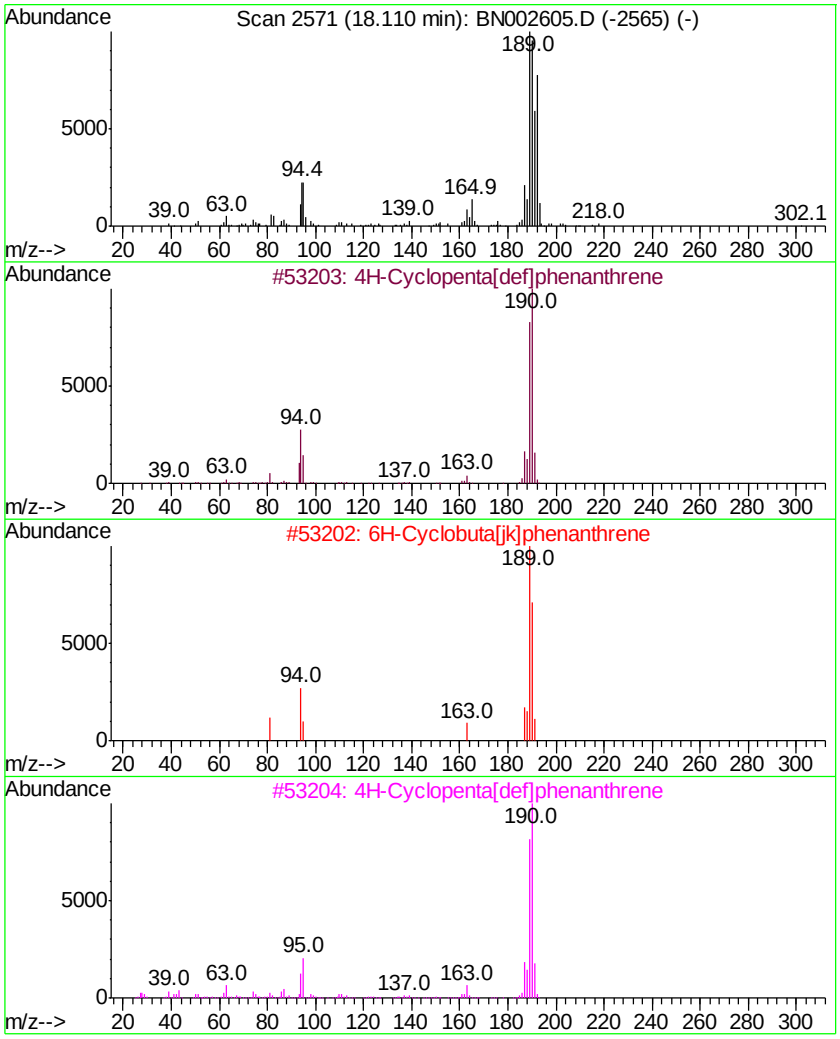
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

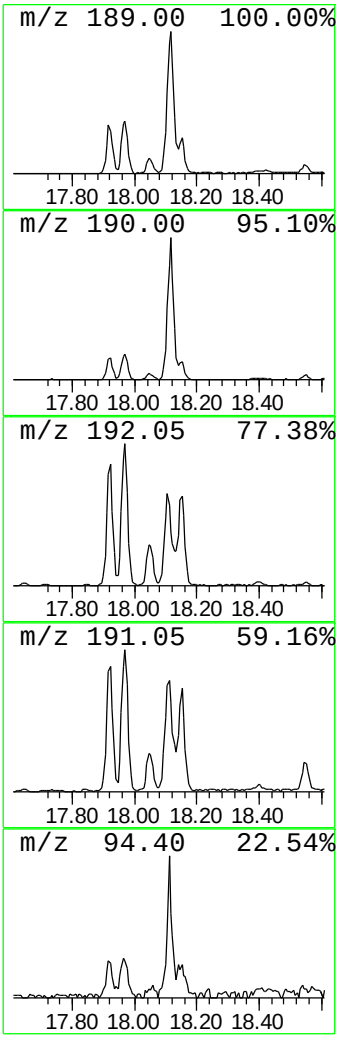
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.97 ng/ul	456311	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

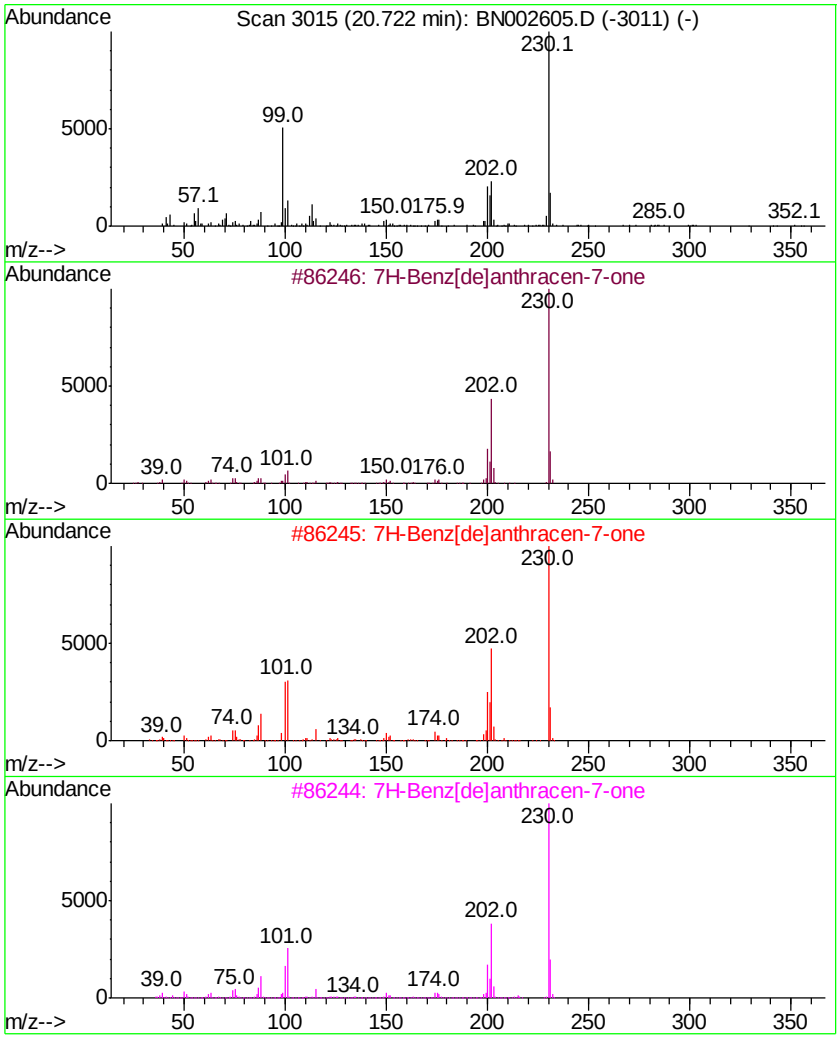
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

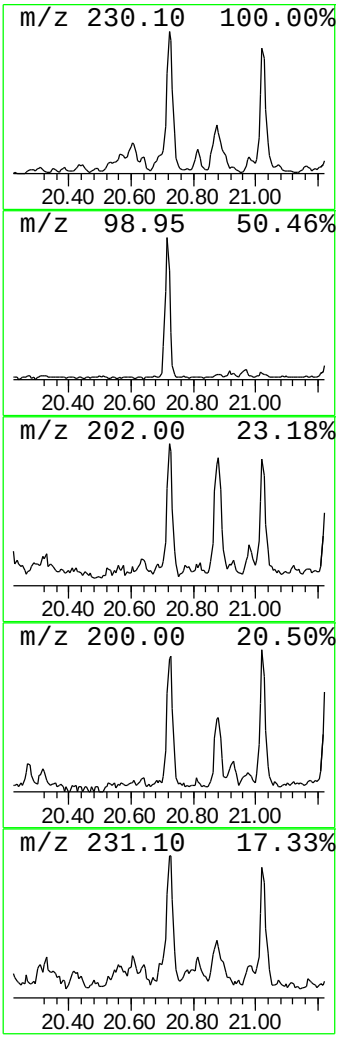
****

Peak Number 5 7H-Benz[de]anthracen-7-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.08 ng/ul	334386	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
4	o-Terphenyl	230	C18H14	000084-15-1	49
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YY8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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...	16.81	8.3	ng/ul	1266450	4	17.05	3071990	20.0
Bis(1-chloro-2-pr...	16.92	5.3	ng/ul	811626	4	17.05	3071990	20.0
Phenanthrene, 2-m...	17.97	2.0	ng/ul	315382	4	17.05	3071990	20.0
4H-Cyclopenta[def...	18.11	3.0	ng/ul	456311	4	17.05	3071990	20.0
7H-Benz[de]anthra...	20.72	2.1	ng/ul	334386	5	21.25	3219780	20.0