LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

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-BN091418MA.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	5.646	445	452	461	rBV2	92181	173780	4.20%	0.369%
2	6.834	646	654	669	rVB2	52824	140896	3.41%	0.299%
3	6.969	672	677	689	rBV	56294	95965	2.32%	0.204%
4	7.169	706	711	722	rBV	69869	120149	2.91%	0.255%
5	7.622	780	788	797	rBV	409723	682053	16.50%	1.449%
6	8.352	906	912	924	rBV2	65252	135854	3.29%	0.289%
7	8.781	980	985	998	rVB	62457	113817	2.75%	0.242%
8	9.499	1102	1107	1123	rBV2	50344	94868	2.29%	0.201%
9	10.057	1195	1202	1213	rBV2	55743	135060	3.27%	0.287%
10	10.393	1252	1259	1276	rBV	650854	1096874	26.53%	2.330%
11	10.557	1281	1287	1300	rBV	40622	96457	2.33%	0.205%
12	13.675	1812	1817	1822	rBV	168395	247614	5.99%	0.526%
13	13.728	1822	1826	1831	rVB	118148	173625	4.20%	0.369%
14	13.951	1857	1864	1870	rBV	211415	331209	8.01%	0.703%
15	14.263	1907	1917	1925	rBV2	994746	1592679	38.52%	3.383%
16	14.563	1964	1968	1983	rBV8	14237	44788	1.08%	0.095%
17	15.263	2080	2087	2093	rBV	300739	434129	10.50%	0.922%
18	15.428	2109	2115	2121	rBV3	38556	70950	1.72%	0.151%
19	16.369	2270	2275	2279	rBV	44191	55884	1.35%	0.119%
20	16.528	2297	2302	2306	rBV	131433	166049	4.02%	0.353%
21	16.592	2306	2313	2314	rVV3	43816	84552	2.05%	0.180%
22	16.616	2314	2317	2323	rVB	137301	195498	4.73%	0.415%
23	16.781	2335	2345	2350	rBV	313135	415009	10.04%	0.881%
24	16.834	2350	2354	2359	rVV2	30671	51498	1.25%	0.109%
25	16.887	2359	2363	2368	rVB	99214	128585	3.11%	0.273%
26	17.016	2375	2385	2389	rBV	1338137	1938294	46.88%	4.117%
27	17.057	2389	2392	2397	rVV	487046	649727	15.72%	1.380%
28	17.116	2397	2402	2406	rVV	332714	510099	12.34%	1.083%
29	17.151	2406	2408	2414	rVB	102045	122385	2.96%	0.260%
30	17.434	2448	2456	2462	rBV2	70841	132664	3.21%	0.282%
31	17.722	2500	2505	2513	rVB	151798	226558	5.48%	0.481%
32	17.892	2529	2534	2537	rBV	64720	100429	2.43%	0.213%
33	17.945	2537	2543	2546	rVV	99586	188952	4.57%	0.401%
34	17.986	2546	2550	2554	rVV	200908	236697	5.73%	0.503%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

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-BN091418MA.M
Title : SVOA CALIBRATION

35	18.028	2554	2557	2561	rVV	35085	45602	1.10%	0.097%
36	18.087	2561	2567	2571	rVV3	190219	309895	7.50%	0.658%
37	18.128	2571	2574	2582	rVB2	45187	95919	2.32%	0.204%
38	18.375	2612	2616	2617	rBV3	46476	58312	1.41%	0.124%
39	18.398	2618	2620	2625	rVV	63667	81858	1.98%	0.174%
40	18.451	2626	2629	2637	rVB	58964	77747	1.88%	0.165%
41	18.651	2659	2663	2667	rVB4	31064	43736	1.06%	0.093%
42	18.822	2687	2692	2695	rBV	62930	100476	2.43%	0.213%
43	18.939	2709	2712	2722	rVB4	88611	219794	5.32%	0.467%
44	19.086	2731	2737	2744	rVB	1405961	1924945	46.56%	4.088%
45	19.151	2745	2748	2751	rBV4	35135	45999	1.11%	0.098%
46	19.186	2751	2754	2757	rBV3	52583	80633	1.95%	0.171%
47	19.228	2757	2761	2767	rVB2	162892	232549	5.62%	0.494%
48	19.292	2768	2772	2774	rBV4	60574	81477	1.97%	0.173%
49	19.422	2789	2794	2795	rBV2	686234	849700	20.55%	1.805%
50	19.445	2795	2798	2803	rVB	1339315	1882582	45.54%	3.998%
51	19.528	2809	2812	2816	rVB2	63247	81093	1.96%	0.172%
52	19.569	2816	2819	2823	rVB4	74581	79236	1.92%	0.168%
53	19.628	2827	2829	2833	rVV	74645	103770	2.51%	0.220%
54	19.681	2834	2838	2847	rVB2	206090	428154	10.36%	0.909%
55	19.781	2850	2855	2861	rBV3	86228	240221	5.81%	0.510%
56	19.945	2879	2883	2888	rVB	209548	324827	7.86%	0.690%
57	19.992	2889	2891	2896	rVB2	87024	96461	2.33%	0.205%
58	20.051	2898	2901	2905	rBV2	126521	138237	3.34%	0.294%
59	20.110	2908	2911	2914	rVB2	113249	129774	3.14%	0.276%
60	20.222	2927	2930	2932	rBV	93009	90140	2.18%	0.191%
61	20.251	2932	2935	2937	rVV	78403	88845	2.15%	0.189%
62	20.298	2940	2943	2947	rVV3	128327	161528	3.91%	0.343%
63	20.357	2949	2953	2959	rVB	380356	471221	11.40%	1.001%
64	20.651	2999	3003	3006	rBV2	145027	210108	5.08%	0.446%
65	20.686	3006	3009	3018	rVB2	446681	712773	17.24%	1.514%
66	20.863	3033	3039	3043	rBV2	293177	551756	13.35%	1.172%
67	20.916	3043	3048	3051	rBV2	638365	817456	19.77%	1.736%
68	21.004	3061	3063	3070	rVB	177665	233679	5.65%	0.496%
69	21.139	3081	3086	3090	rBV	3250650	3463980	83.79%	7.357%
70	21.222	3093	3100	3103	rVV2	2366299	4134207	100.00%	8.780%
71	21.263	3103	3107	3112	rVB	2301873	2970300	71.85%	6.308%

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Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Title : SVOA CALIBRATION

72	21.380	3123	3127	3132	rBV2	653057	903466	21.85%	1.919%
73	21.439	3133	3137	3141	rVV	886961	1075451	26.01%	2.284%
74	21.480	3141	3144	3146	rVV	320874	395520	9.57%	0.840%
75	21.510	3147	3149	3152	rVV	297362	346239	8.37%	0.735%
76	21.575	3156	3160	3166	rVB	585850	745109	18.02%	1.583%
77	21.769	3191	3193	3196	rVB	194388	197692	4.78%	0.420%
78	22.774	3357	3364	3369	rBV	1594881	3467992	83.89%	7.366%
79	23.245	3439	3444	3449	rBV	1051311	1795946	43.44%	3.814%
80	23.298	3449	3453	3456	rVV2	486268	797222	19.28%	1.693%
81	23.339	3456	3460	3466	rVB	795499	1360024	32.90%	2.888%
82	23.433	3470	3476	3481	rBV	1169981	2181827	52.77%	4.634%
83	25.639	3845	3851	3861	rVB	434060	1175041	28.42%	2.496%

Sum of corrected areas: 47084166

LSC Report - Integrated Chromatogram

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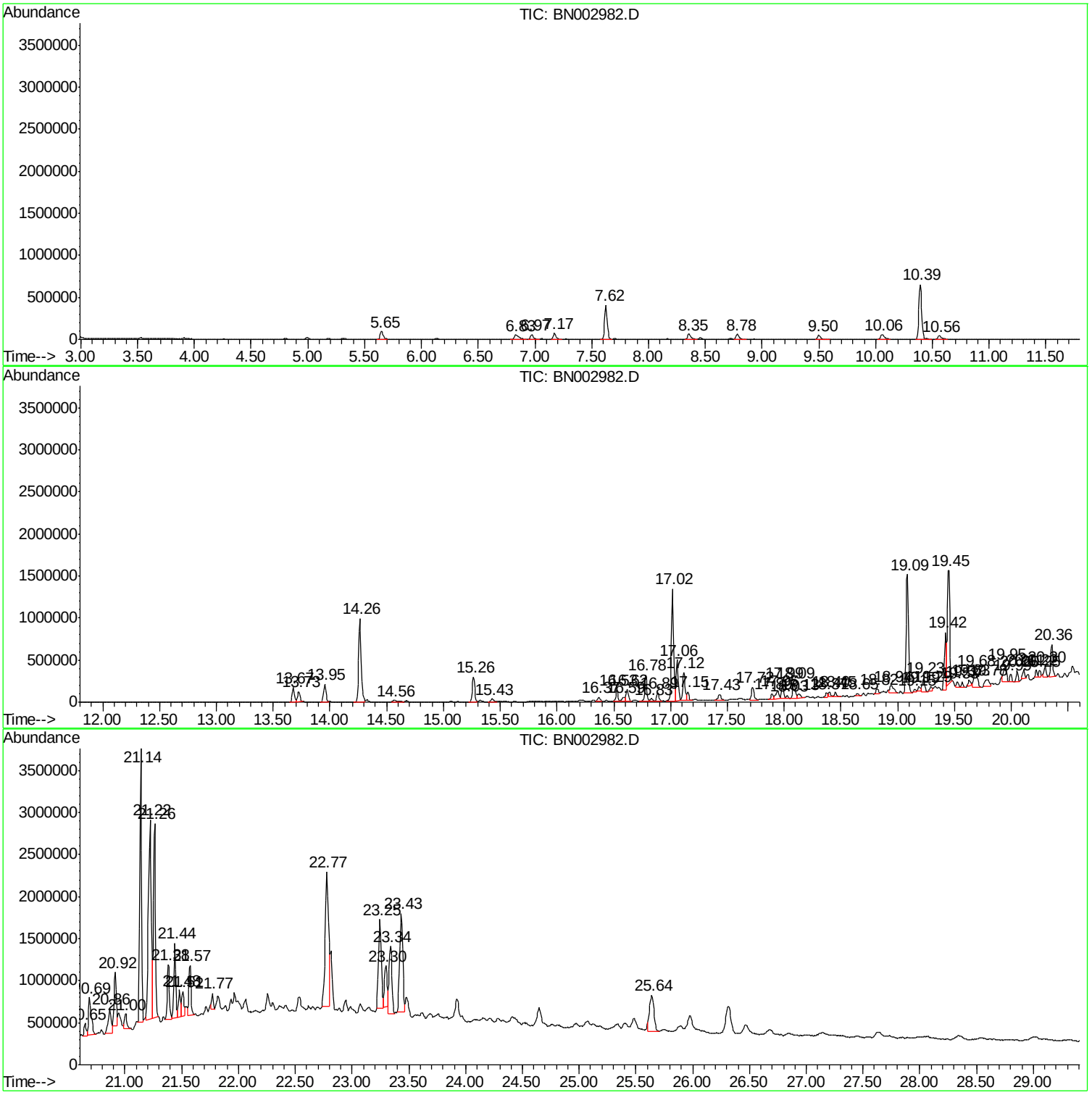
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

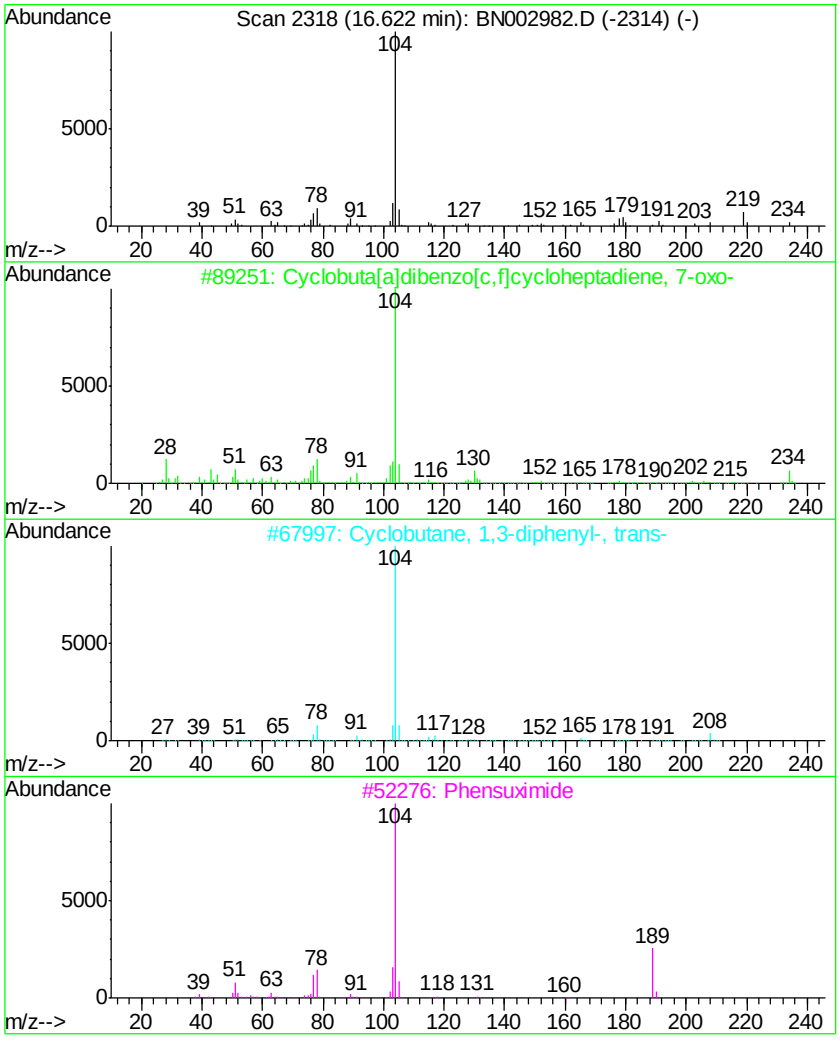
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

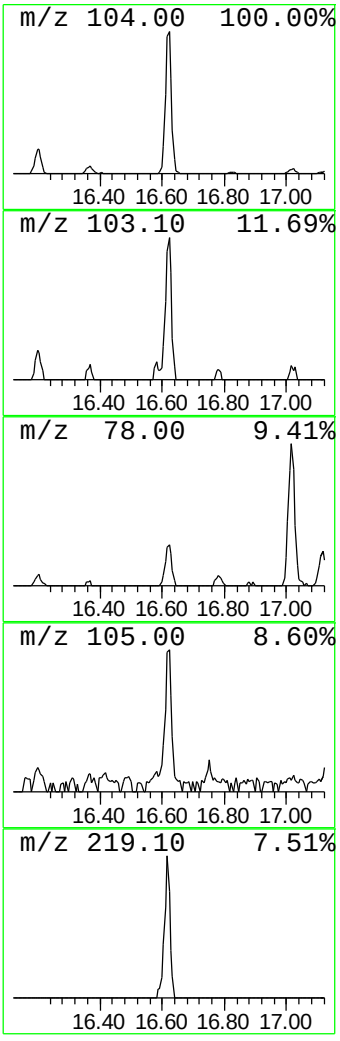
****

Peak Number 2 Cyclobuta[a]dibenzo[c,f]cyc... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.02 ng/ul	195498	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[a]dibenzo[c,f]cyclohep...	234	C17H14O	060548-96-1	59
2	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	53
3	Phensuximide	189	C11H11NO2	000086-34-0	53
4	Phensuximide	189	C11H11NO2	000086-34-0	53
5	[2.2]Paracyclophane	208	C16H16	001633-22-3	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

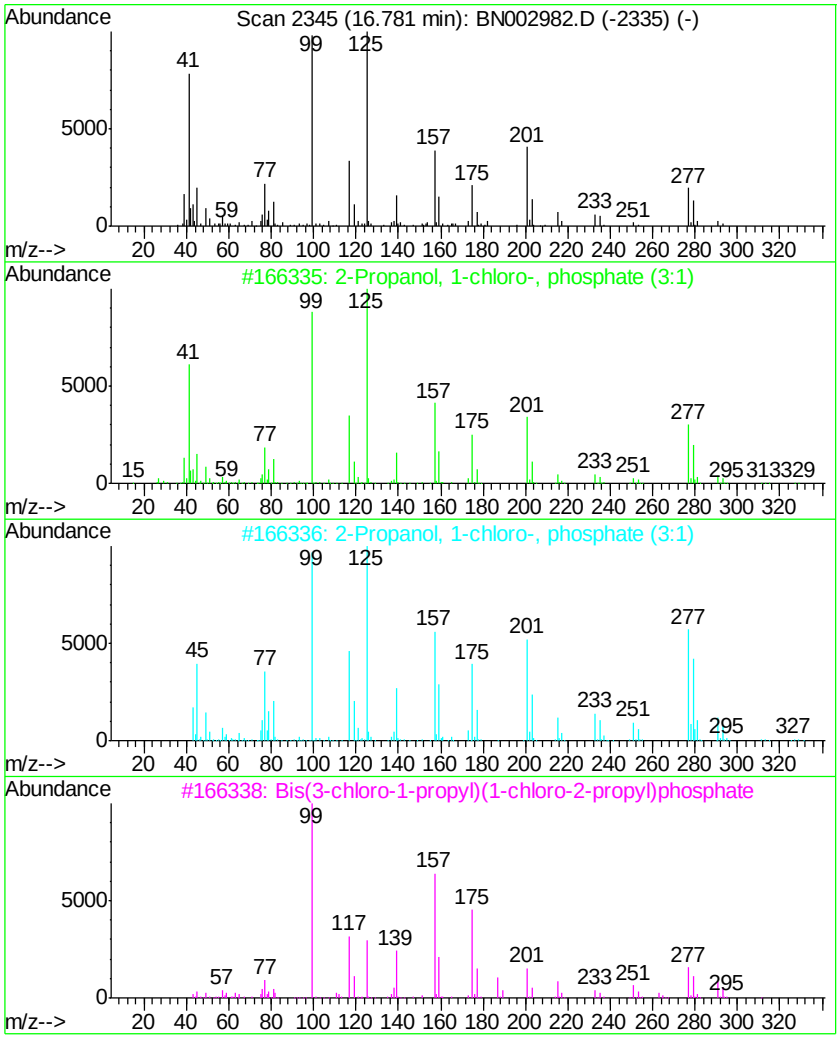
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

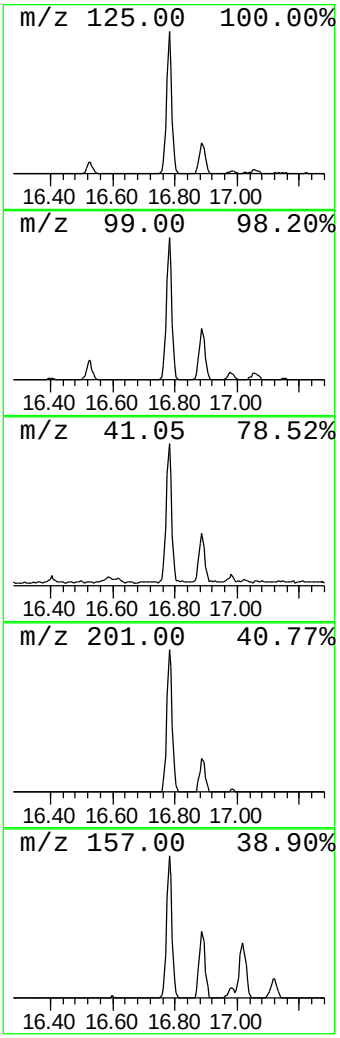
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.28 ng/ul	415009	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	64
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	37
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

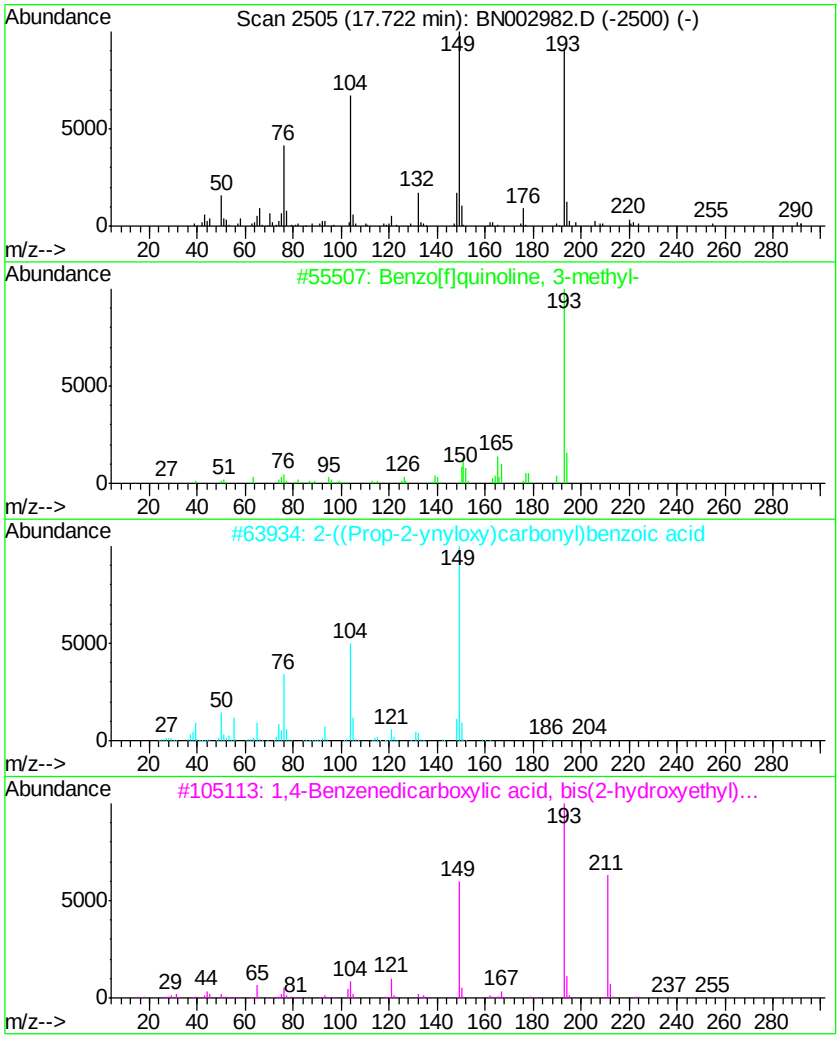
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

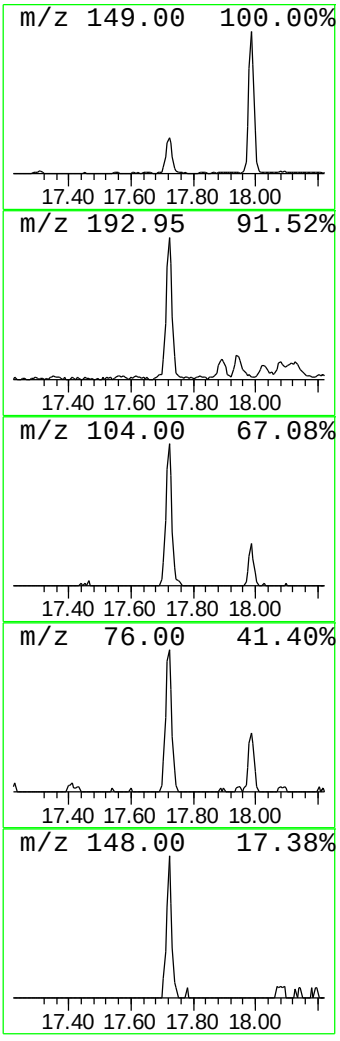
****

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.34 ng/ul	226558	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	38
2	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	38
3	1,4-Benzenedicarboxylic acid, bi...	254	C12H14O6	000959-26-2	32
4	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	27
5	Diethyl Phthalate	222	C12H14O4	000084-66-2	27





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

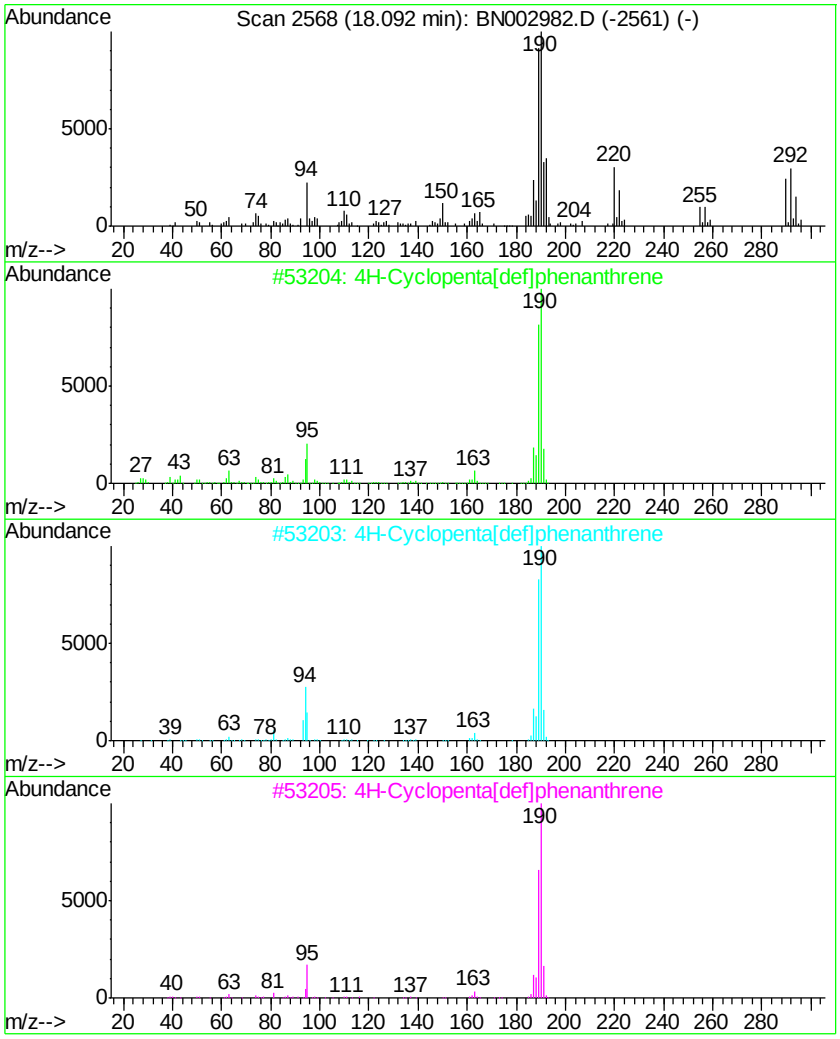
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

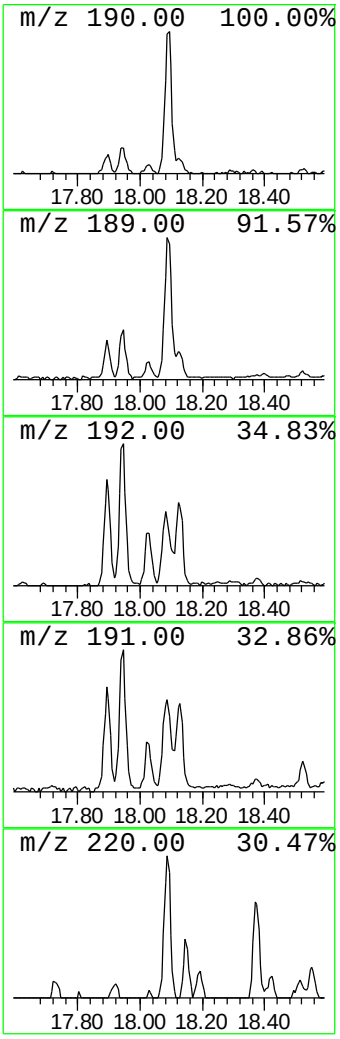
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.20 ng/ul	309895	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	1-Phenanthrylene oxide	220	C16H12O	026698-45-3	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

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Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

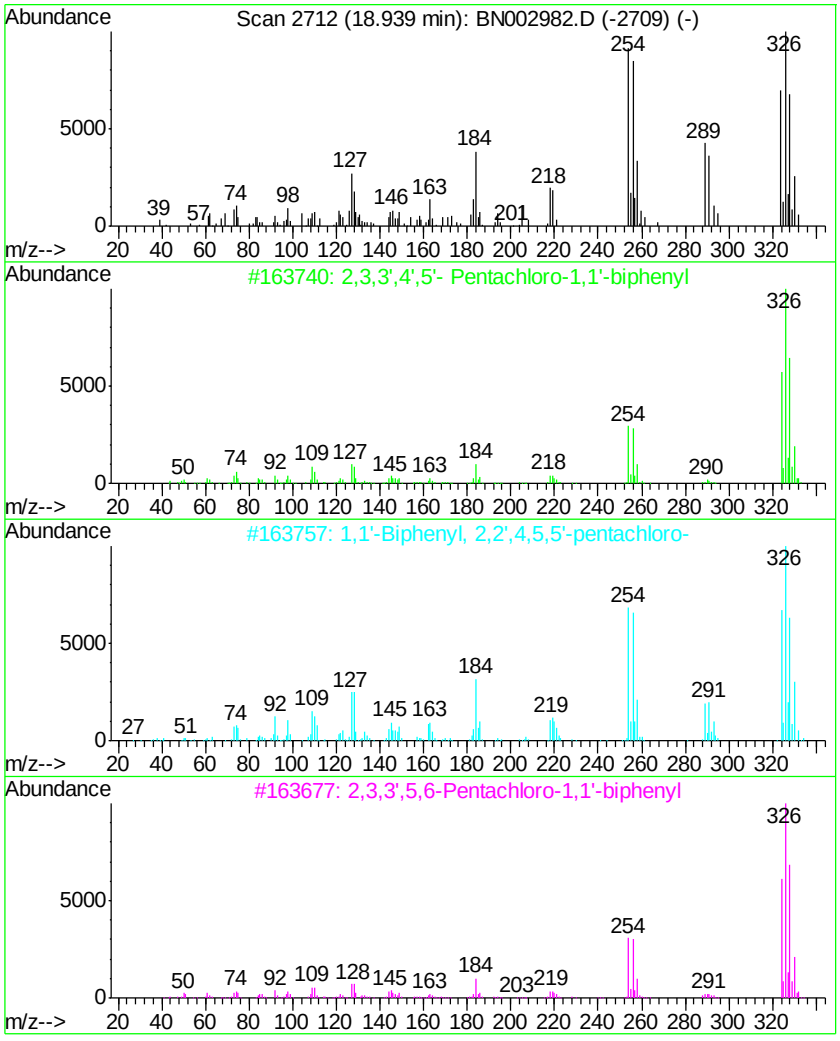
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

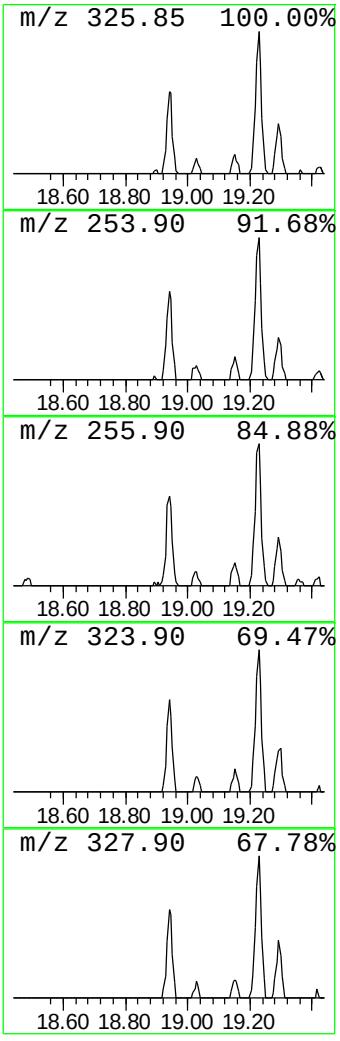
****

Peak Number 6 2,3,3',4',5'- Pentachloro-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.27 ng/ul	219794	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	98
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	98
5	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96





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Data File : BN002982.D
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Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

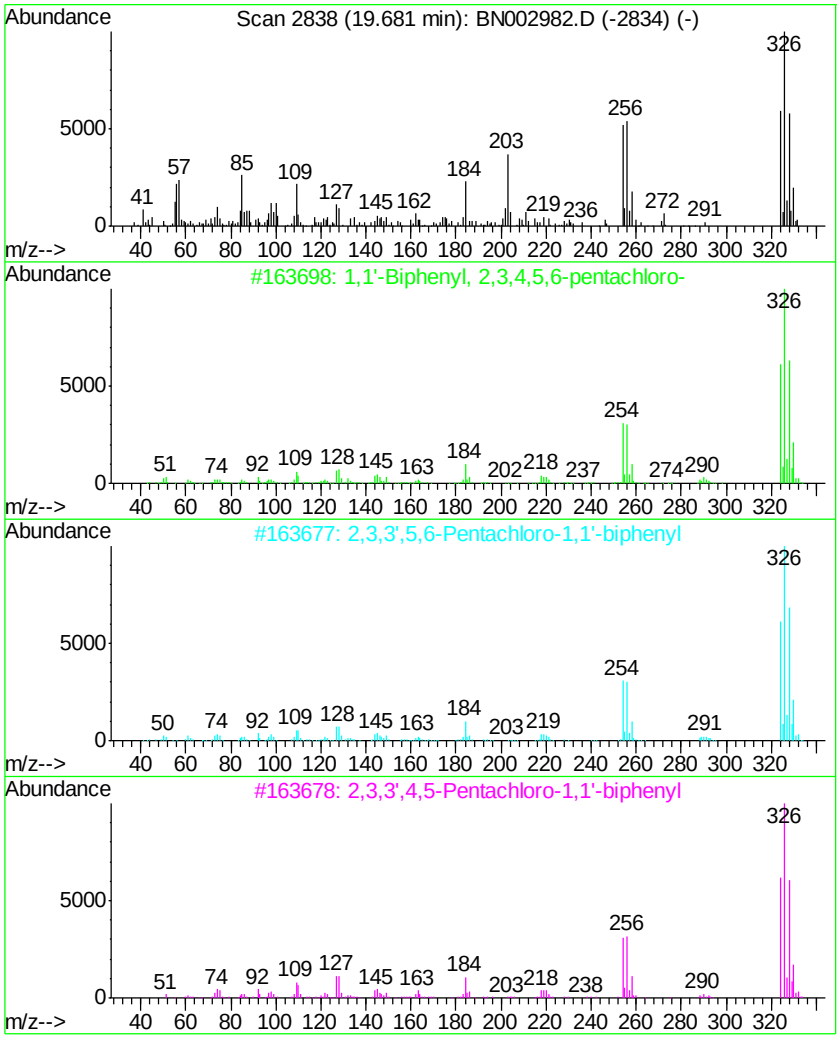
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

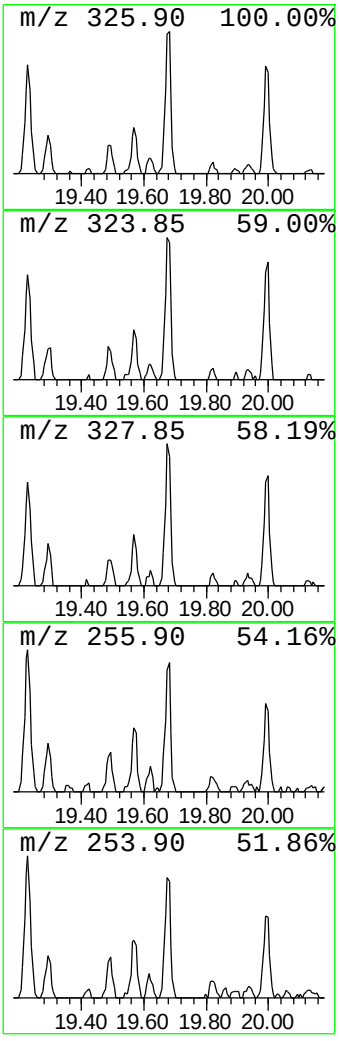
****

Peak Number 7 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.07 ng/ul	428154	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	98
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	98
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	97
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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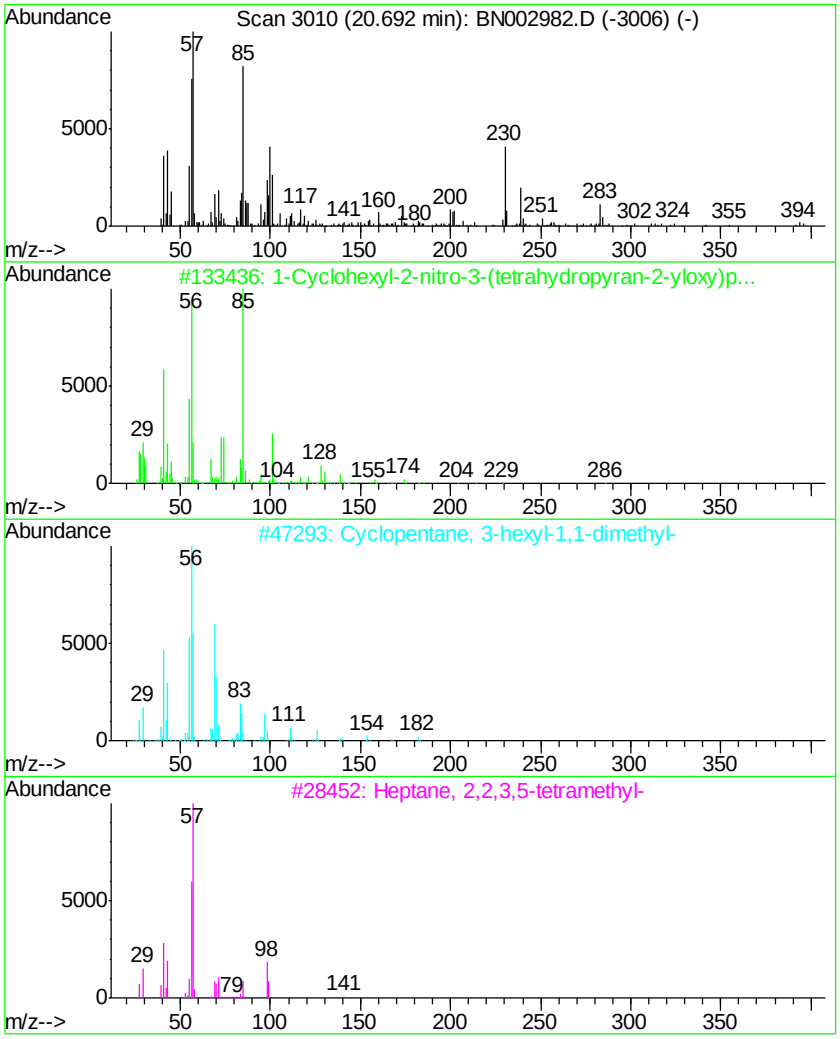
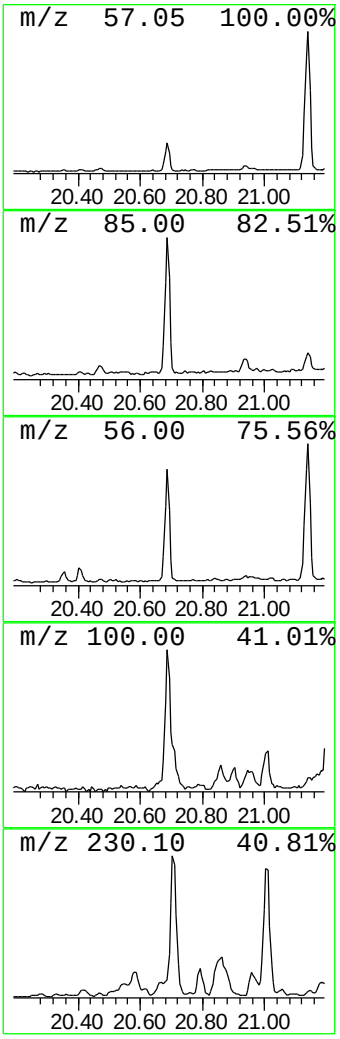
Peak Number 8 1-Cyclohexyl-2-nitro-3-(tet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	3.45 ng/ul	712773	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-nitro-3-(tetrahyd...	287	C14H25NO5	1000194-56-8	50
2	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	38
3	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	35
4	1,3,2-Dioxaborinane, 2-ethyl-5,5...	142	C7H15BO2	057186-59-1	35
5	2-Methyl-2-hexyl methylphosphono...	196	C8H18FO2P	1000216-69-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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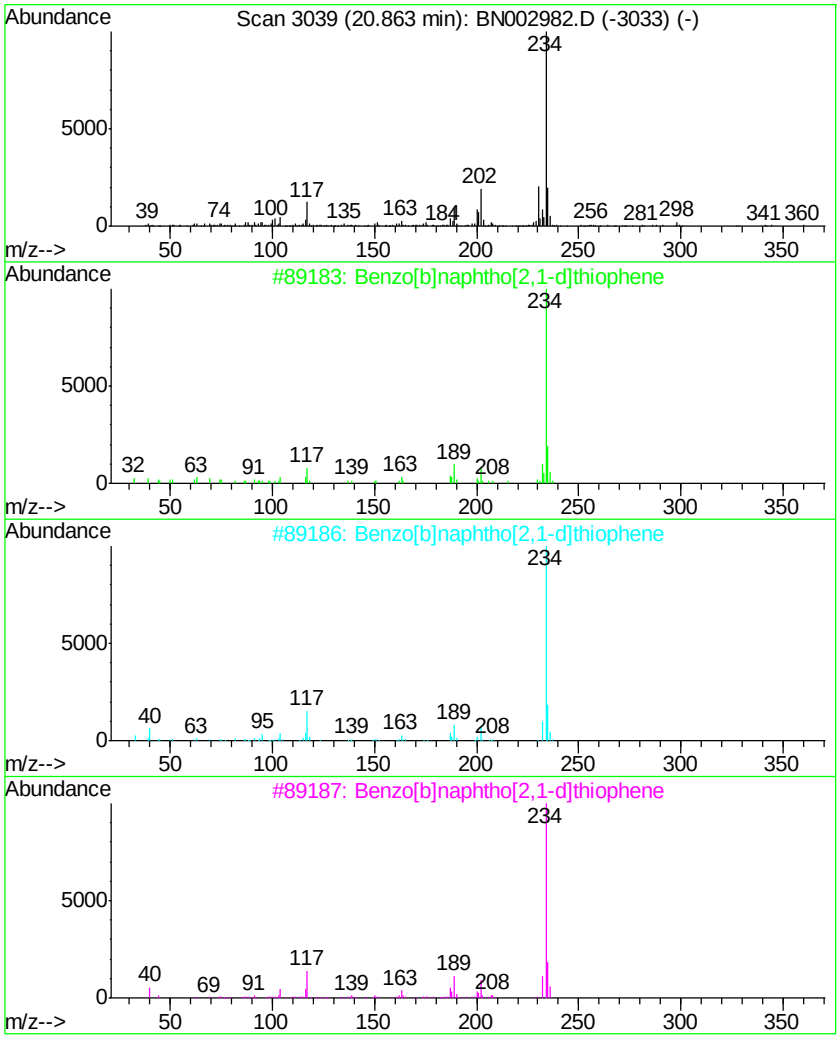
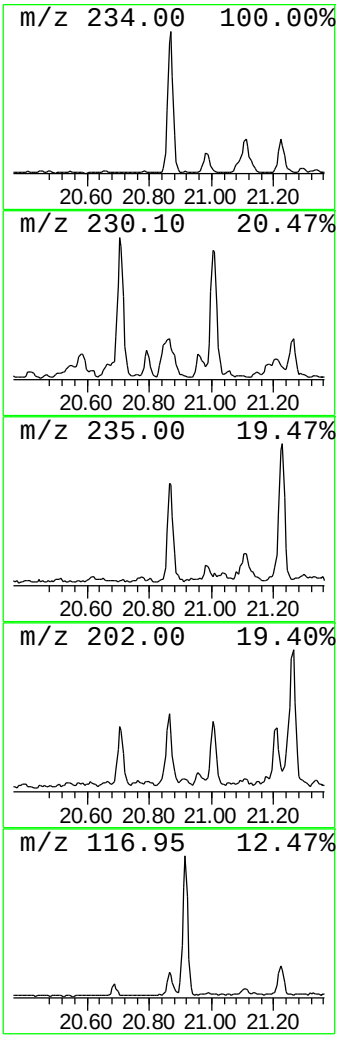
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.67 ng/ul	551756	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	89
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86





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Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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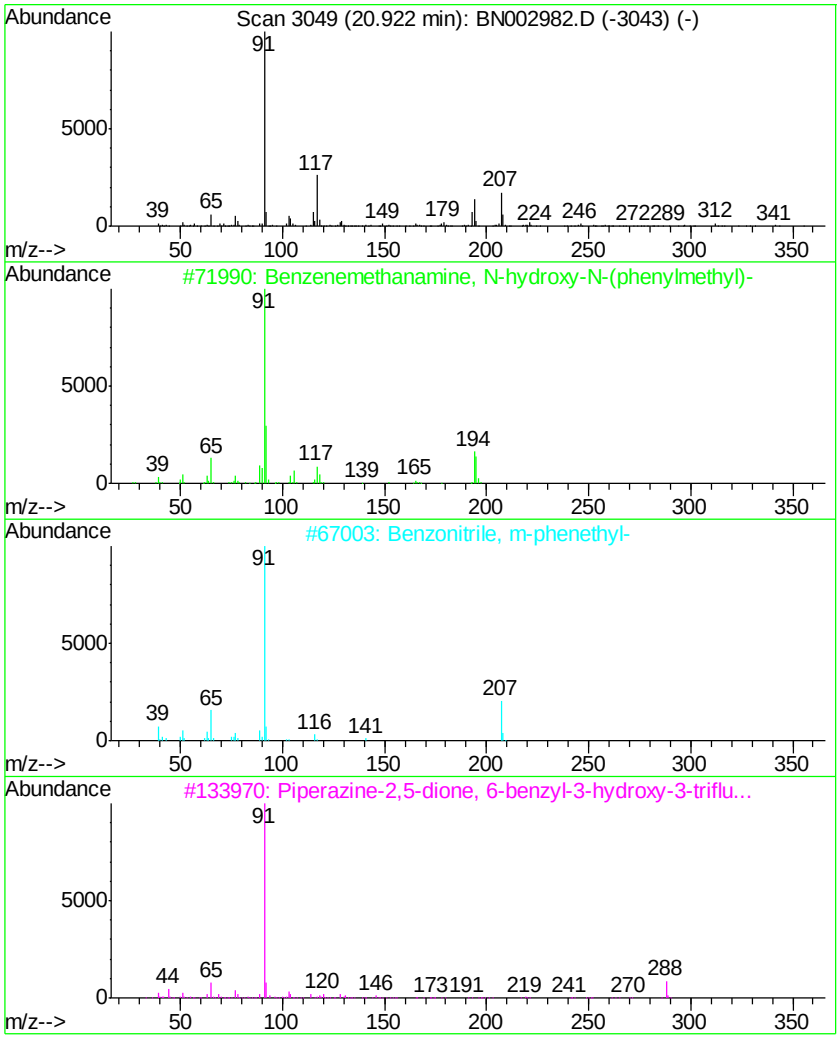
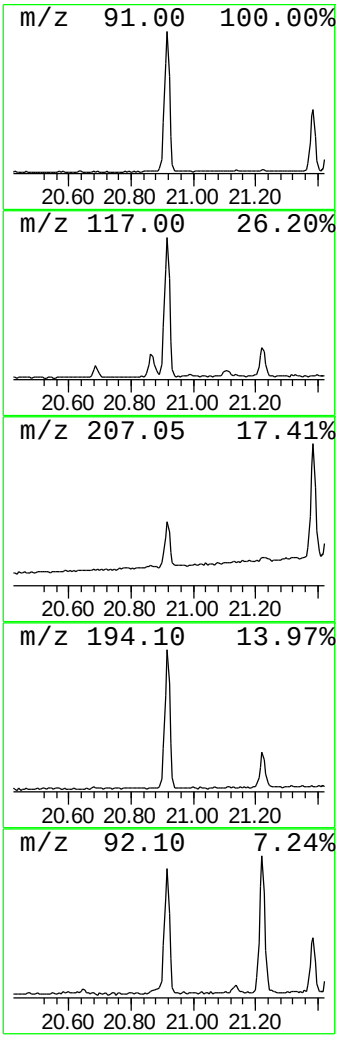
Peak Number 10 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.95 ng/ul	817456	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
2	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	16
3	Piperazine-2,5-dione, 6-benzyl-3...	288	C12H11F3N2O3	1000303-24-1	12
4	Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	12
5	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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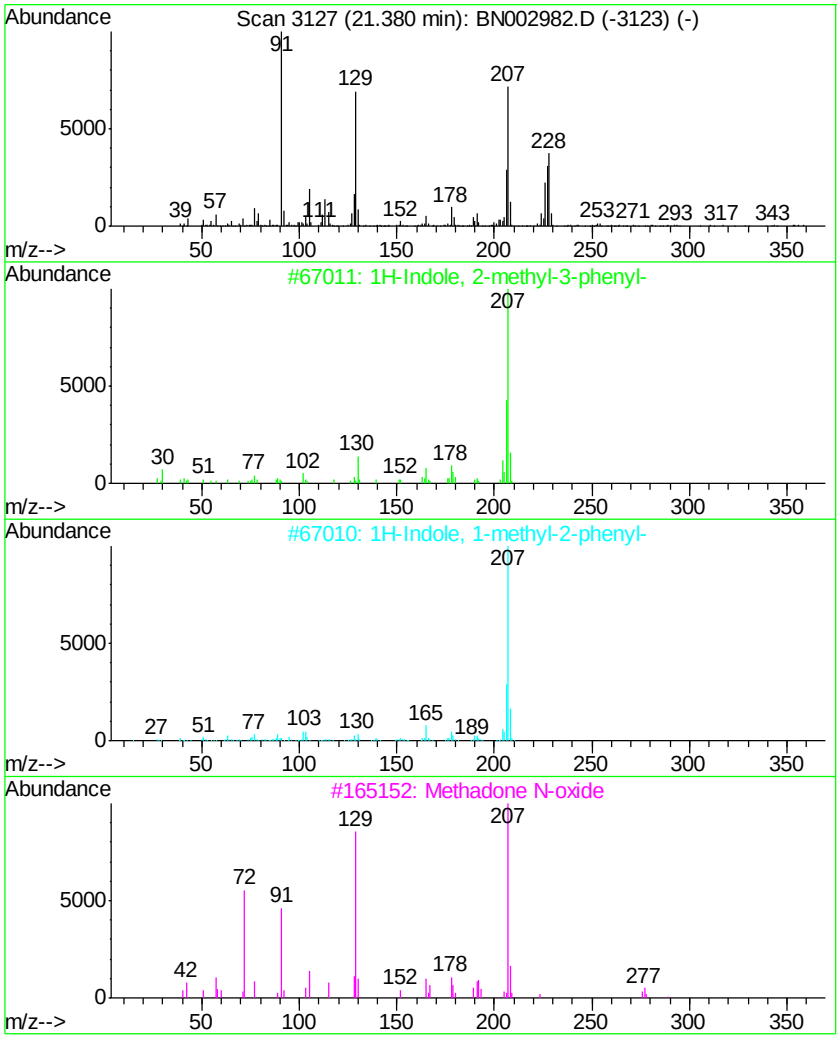
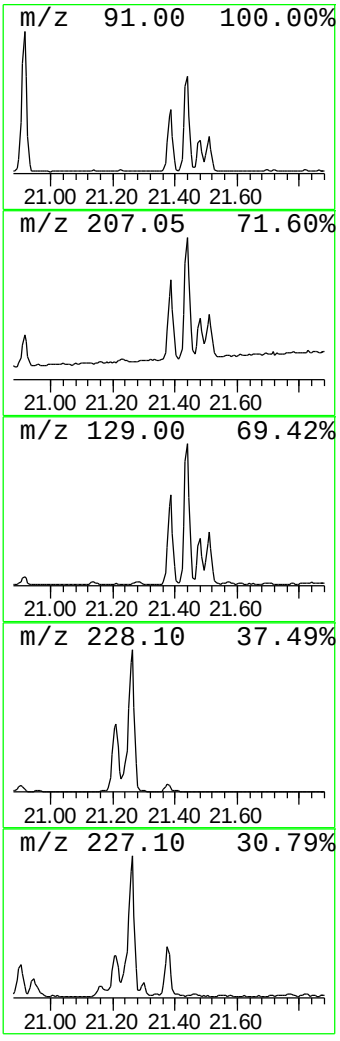
Peak Number 11 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	4.37 ng/ul	903466	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
3	Methadone N-oxide	325	C21H27NO2	1000120-80-7	37
4	6-Methyl-5-[1-piperidinyl]-2,4-p...	207	C10H17N5	164589-37-1	25
5	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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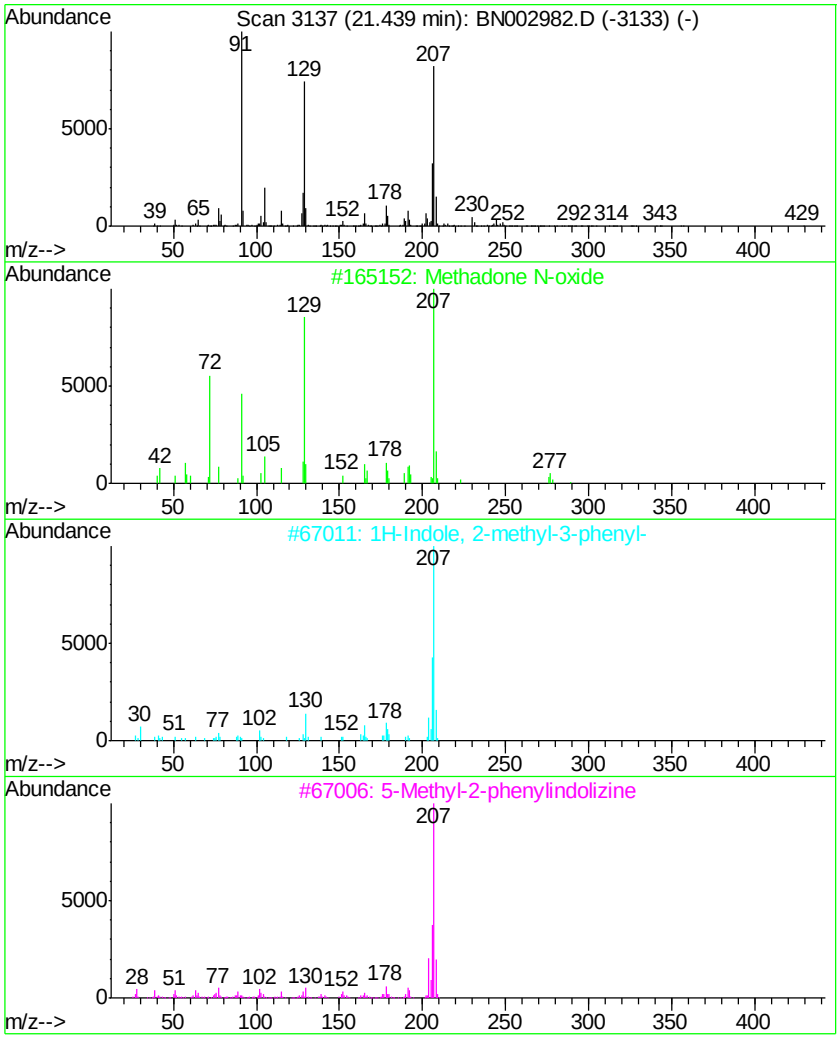
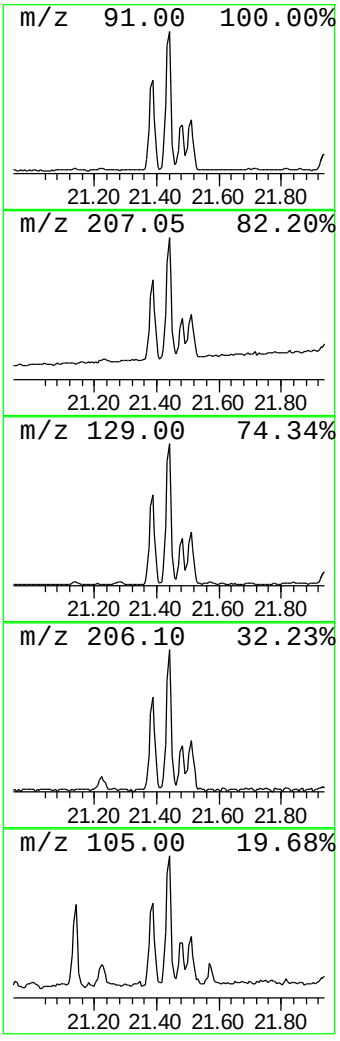
Peak Number 12 Methadone N-oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	5.20 ng/ul	1075450	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	59
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	45
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
4	1-benzylindole	207	C15H13N	1000334-31-3	35
5	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

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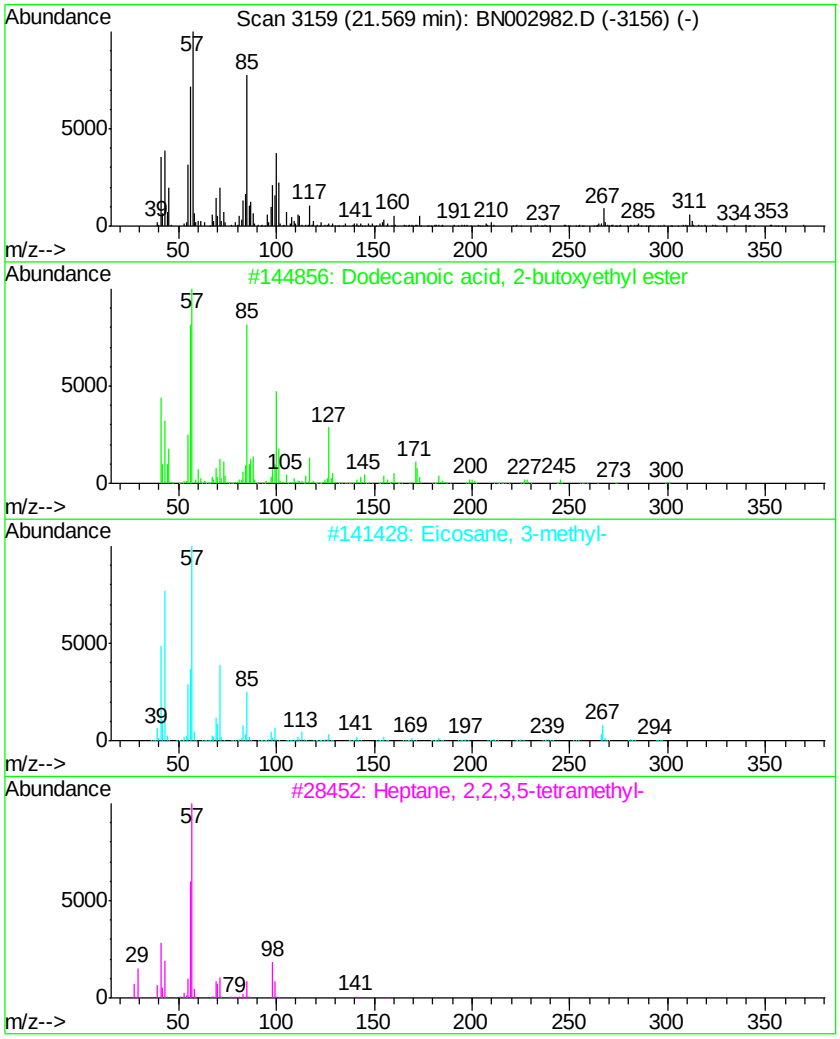
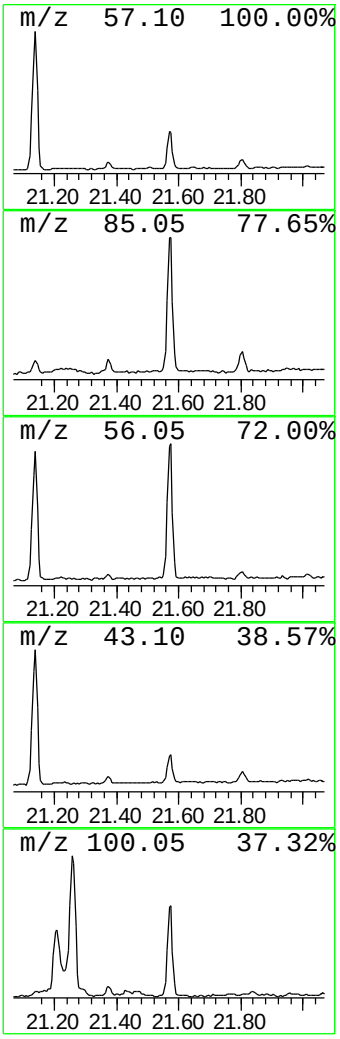
Peak Number 13 Dodecanoic acid, 2-butoxyet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.60 ng/ul	745109	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-butoxyethyl e...	300	C18H36O3	000109-37-5	72
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	30
3	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	27
4	Cyclobutanone, 2,3-dimethyl-, cis-	98	C6H10O	028113-36-2	25
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC19DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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
Cyclobuta[a]diben...	16.62	2.0	ng/ul	195498	4	17.02	1938290	20.0
2-Propanol, 1-chl...	16.78	4.3	ng/ul	415009	4	17.02	1938290	20.0
unknown-01	17.72	2.3	ng/ul	226558	4	17.02	1938290	20.0
4H-Cyclopenta[def...	18.09	3.2	ng/ul	309895	4	17.02	1938290	20.0
2,3,3',4',5'- Pen...	18.94	2.3	ng/ul	219794	4	17.02	1938290	20.0
1,1'-Biphenyl, 2,...	19.68	2.1	ng/ul	428154	5	21.22	4134210	20.0
1-Cyclohexyl-2-ni...	20.69	3.5	ng/ul	712773	5	21.22	4134210	20.0
Benzo[b]naphtho[2...	20.86	2.7	ng/ul	551756	5	21.22	4134210	20.0
unknown-02	20.92	4.0	ng/ul	817456	5	21.22	4134210	20.0
unknown-03	21.38	4.4	ng/ul	903466	5	21.22	4134210	20.0
Methadone N-oxide	21.44	5.2	ng/ul	1075450	5	21.22	4134210	20.0
Dodecanoic acid, ...	21.57	3.6	ng/ul	745109	5	21.22	4134210	20.0