LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	7.506	814	820	829	rVB	156709	252817	2.79%	0.222%
2	9.921	1225	1231	1240	rVB	135517	221311	2.44%	0.195%
3	10.291	1287	1294	1299	rBV	235570	389085	4.30%	0.342%
4	13.499	1834	1840	1845	rVV	119512	200424	2.21%	0.176%
5	13.599	1852	1857	1861	rVV	248227	353205	3.90%	0.310%
6	13.869	1897	1903	1907	rBV	268769	415110	4.58%	0.365%
7	14.180	1946	1956	1962	rBV3	347805	598572	6.61%	0.526%
8	14.245	1962	1967	1975	rVB	342858	493438	5.45%	0.434%
9	14.586	2015	2025	2032	rVB	232660	388148	4.29%	0.341%
10	15.179	2121	2126	2131	rVB	304946	415332	4.59%	0.365%
11	15.238	2131	2136	2141	rBV	635070	848686	9.37%	0.746%
12	15.450	2168	2172	2176	rBV	198296	269521	2.98%	0.237%
13	15.532	2182	2186	2195	rVB	140422	262876	2.90%	0.231%
14	15.685	2207	2212	2219	rVB	103630	222228	2.45%	0.195%
15	16.243	2299	2307	2312	rBV2	169037	346185	3.82%	0.304%
16	16.296	2312	2316	2321	rVV2	142125	195385	2.16%	0.172%
17	16.472	2338	2346	2350	rBV4	162996	332615	3.67%	0.292%
18	16.754	2390	2394	2403	rVB	371684	564290	6.23%	0.496%
19	16.942	2420	2426	2428	rBV	360982	558827	6.17%	0.491%
20	16.995	2428	2435	2439	rVV	3876326	6394851	70.61%	5.622%
21	17.042	2439	2443	2445	rVV	360386	489939	5.41%	0.431%
22	17.077	2445	2449	2453	rVB	1047604	1475062	16.29%	1.297%
23	17.124	2453	2457	2464	rVB4	153893	252537	2.79%	0.222%
24	17.524	2520	2525	2534	rVB3	267648	597680	6.60%	0.525%
25	17.665	2544	2549	2557	rVB2	304801	492774	5.44%	0.433%
26	17.741	2557	2562	2566	rBV2	182401	259128	2.86%	0.228%
27	17.817	2569	2575	2579	rVV	969075	1480493	16.35%	1.301%
28	17.870	2579	2584	2590	rVB	1214567	1709735	18.88%	1.503%
29	17.947	2590	2597	2603	rBV2	431738	741687	8.19%	0.652%
30	18.017	2603	2609	2613	rVV3	1819819	3252140	35.91%	2.859%
31	18.052	2613	2615	2618	rVV	738655	832366	9.19%	0.732%
32	18.082	2618	2620	2623	rVB	289147	285649	3.15%	0.251%
33	18.123	2623	2627	2632	rBV2	291173	385789	4.26%	0.339%
34	18.329	2655	2662	2665	rBV	637590	1042861	11.52%	0.917%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

35	18.370	2665	2669	2674	rVB3	221203	359660	3.97%	0.316%
36	18.452	2679	2683	2686	rBV	181968	213675	2.36%	0.188%
37	18.575	2701	2704	2709	rVV2	271149	387166	4.28%	0.340%
38	18.628	2709	2713	2716	rVV	244981	344434	3.80%	0.303%
39	18.663	2716	2719	2723	rVB	173328	226457	2.50%	0.199%
40	18.752	2728	2734	2738	rBV	552815	878227	9.70%	0.772%
41	18.810	2738	2744	2748	rBV2	330136	555801	6.14%	0.489%
42	18.851	2748	2751	2753	rBV2	180387	243082	2.68%	0.214%
43	18.881	2753	2756	2766	rVB3	1048627	1785448	19.72%	1.570%
44	19.028	2773	2781	2785	rBV	4241893	6589297	72.76%	5.793%
45	19.086	2786	2791	2794	rBV3	339535	520590	5.75%	0.458%
46	19.169	2800	2805	2810	rVB	1167702	1599509	17.66%	1.406%
47	19.233	2812	2816	2818	rVV3	291695	376650	4.16%	0.331%
48	19.257	2818	2820	2825	rVB	246322	325408	3.59%	0.286%
49	19.392	2831	2843	2851	rBV3	4260110	9055987	100.00%	7.961%
50	19.457	2851	2854	2859	rVB2	247386	387602	4.28%	0.341%
51	19.510	2859	2863	2867	rBV2	247626	287230	3.17%	0.253%
52	19.562	2867	2872	2874	rBV	262061	370503	4.09%	0.326%
53	19.615	2874	2881	2888	rVB3	1028594	1818604	20.08%	1.599%
54	19.709	2891	2897	2898	rBV4	453541	608488	6.72%	0.535%
55	19.739	2899	2902	2907	rVV3	613303	947550	10.46%	0.833%
56	19.786	2907	2910	2916	rVB3	272276	485995	5.37%	0.427%
57	19.844	2916	2920	2922	rBV3	364467	566598	6.26%	0.498%
58	19.880	2922	2926	2931	rVB	2803426	3811280	42.09%	3.350%
59	19.933	2931	2935	2939	rBV	585122	751055	8.29%	0.660%
60	19.985	2939	2944	2949	rBV	896908	1249742	13.80%	1.099%
61	20.038	2949	2953	2957	rVV2	654213	998525	11.03%	0.878%
62	20.079	2957	2960	2964	rVB	496781	612572	6.76%	0.539%
63	20.162	2970	2974	2980	rBV2	2124549	2920096	32.24%	2.567%
64	20.215	2980	2983	2990	rVB2	824171	1502848	16.60%	1.321%
65	20.314	2995	3000	3009	rVB5	693812	1215391	13.42%	1.068%
66	20.408	3012	3016	3019	rBV5	175211	224361	2.48%	0.197%
67	20.479	3020	3028	3035	rBV2	1571843	3025994	33.41%	2.660%
68	20.596	3044	3048	3049	rBV3	165558	203923	2.25%	0.179%
69	20.626	3049	3053	3060	rVB2	1178107	1694307	18.71%	1.489%
70	20.685	3060	3063	3067	rBV	419229	488679	5.40%	0.430%
71	20.796	3075	3082	3085	rBV2	645016	1290383	14.25%	1.134%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

72	20.837	3085	3089	3092	rVB	557114	674265	7.45%	0.593%
73	20.890	3092	3098	3102	rBV3	858744	1491351	16.47%	1.311%
74	21.008	3115	3118	3120	rBV2	221825	262081	2.89%	0.230%
75	21.037	3120	3123	3128	rVV2	292882	483720	5.34%	0.425%
76	21.143	3132	3141	3144	rVV2	3073700	5063818	55.92%	4.452%
77	21.190	3144	3149	3159	rVB2	3841585	6369340	70.33%	5.599%
78	21.307	3165	3169	3174	rBV	538118	816187	9.01%	0.718%
79	21.490	3196	3200	3206	rVB3	738964	1148411	12.68%	1.010%
80	21.542	3206	3209	3213	rVB3	286350	315373	3.48%	0.277%
81	21.607	3216	3220	3223	rBV3	241882	344788	3.81%	0.303%
82	21.689	3231	3234	3238	rVB	612076	844879	9.33%	0.743%
83	21.742	3239	3243	3248	rVB	462059	633061	6.99%	0.557%
84	21.807	3249	3254	3257	rBV2	408362	683216	7.54%	0.601%
85	21.836	3257	3259	3263	rVV	260647	352153	3.89%	0.310%
86	21.883	3263	3267	3270	rVV	391525	583582	6.44%	0.513%
87	21.913	3270	3272	3276	rVV2	425928	549028	6.06%	0.483%
88	21.983	3276	3284	3293	rVB3	363976	1016411	11.22%	0.894%
89	22.165	3311	3315	3318	rBV5	225749	315993	3.49%	0.278%
90	22.700	3398	3406	3410	rBV	1672857	4072485	44.97%	3.580%
91	22.853	3428	3432	3439	rVB	372368	595014	6.57%	0.523%
92	23.164	3478	3485	3490	rBV	943368	1896102	20.94%	1.667%
93	23.258	3495	3501	3508	rVV	1723931	3235916	35.73%	2.845%
94	23.346	3512	3516	3520	rVV	357622	687972	7.60%	0.605%
95	23.399	3520	3525	3533	rVB2	463684	938058	10.36%	0.825%
96	23.881	3604	3607	3616	rVB5	180969	345701	3.82%	0.304%
97	24.192	3657	3660	3668	rVB2	125102	228095	2.52%	0.201%
98	25.573	3886	3895	3906	rVB	739185	2118933	23.40%	1.863%
99	25.820	3932	3937	3944	rVB	137012	305996	3.38%	0.269%
100	26.255	4001	4011	4025	rBV	458287	1438050	15.88%	1.264%

Sum of corrected areas: 113753842

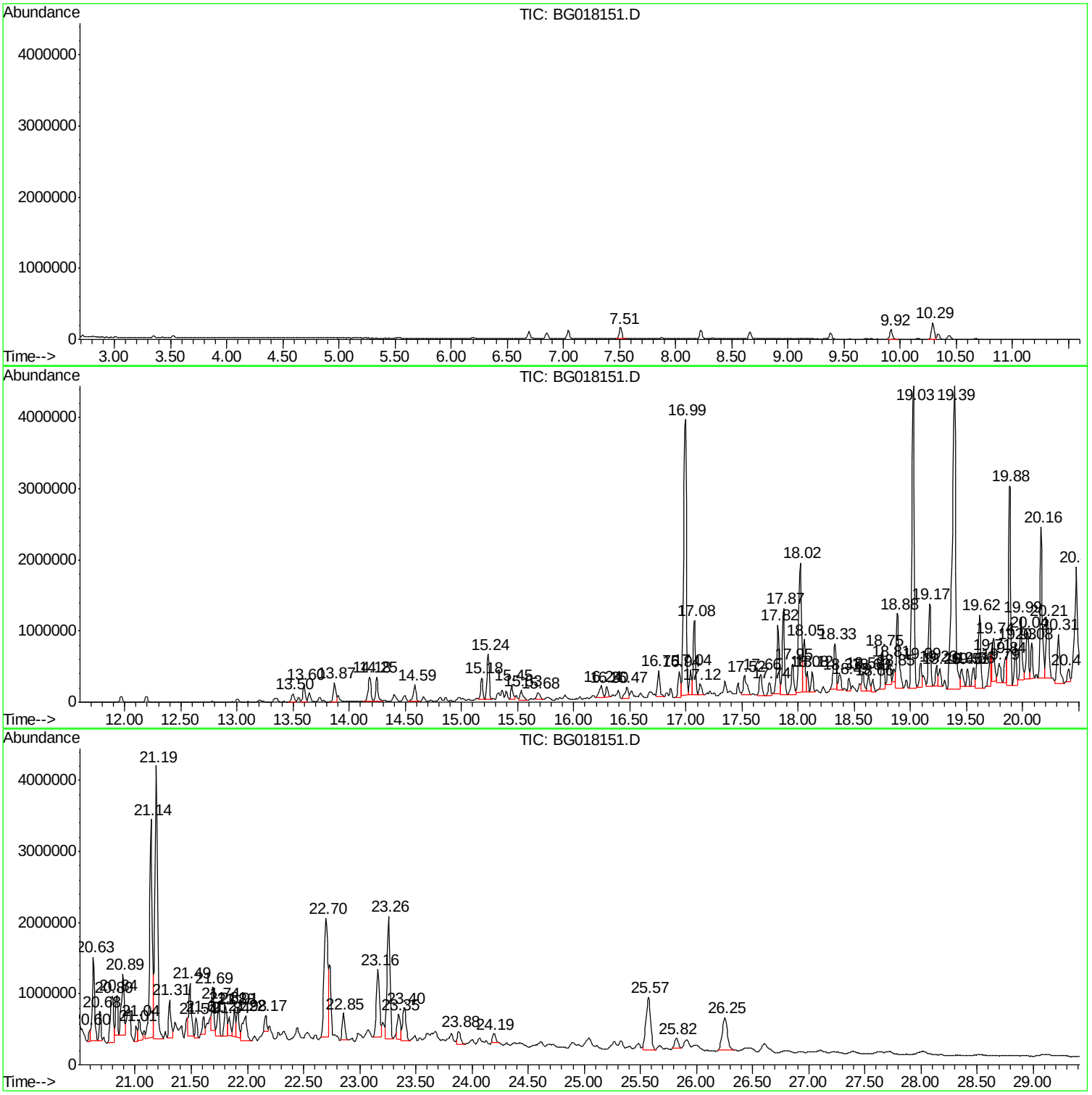
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	6.70 ng/ul	200424	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96

****
Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	9.01 ng/ul	269521	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	94
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	93
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	86
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	86

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	8.78 ng/ul	262876	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	93
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	56

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.95 ng/ul	222228	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72

****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	12.39 ng/ul	346185	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95

****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	6.99 ng/ul	195385	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92

****

Peak Number 7 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	11.90 ng/ul	332615	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

1	1,1'-Biphenyl, 2',3,4-trichloro-	256 C12H7Cl3	038444-86-9	95
2	1,1'-Biphenyl, 2,4',5-trichloro-	256 C12H7Cl3	016606-02-3	92
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256 C12H7Cl3	007012-37-5	87
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256 C12H7Cl3	007012-37-5	87
5	1,1'-Biphenyl, 2,2',6-trichloro-	256 C12H7Cl3	038444-73-4	86

****

Peak Number 8 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	20.20 ng/ul	564290	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93

****

Peak Number 9 Dibenzothiophene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	21.39 ng/ul	597680	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64

****

Peak Number 10 Dibenzothiophene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	17.64 ng/ul	492774	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	60
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	49
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49

****

Peak Number 11 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	9.27 ng/ul	259128	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	97
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97

****

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	52.99 ng/ul	1480490	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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

****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	116.39 ng/ul	3252140	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	29.79 ng/ul	832366	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95

****

Peak Number 15 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	10.22 ng/ul	285649	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	96

****

Peak Number 16 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	13.81 ng/ul	385789	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99

****

Peak Number 17 2-Phenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	37.32 ng/ul	1042860	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74

****

Peak Number 18 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	12.87 ng/ul	359660	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50

****

Peak Number 19 Phenanthrene, 4,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	7.65 ng/ul	213675	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	78
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64

****

Peak Number 20 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	12.33 ng/ul	344434	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4 94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8 91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6 91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0 87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6 83

****

Peak Number 21 Phenanthrene, 3,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	8.10 ng/ul	226457	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94

****

Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	31.43 ng/ul	878227	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91

****

Peak Number 23 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	19.89 ng/ul	555801	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	35
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	27

****

Peak Number 24 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	8.70 ng/ul	243082	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99

****

Peak Number 25 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	63.90 ng/ul	1785450	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99

****

Peak Number 26 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.06 ng/ul	520590	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38
2	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	38
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38
4	Phenol, 4,4'-thiobis-	218	C12H10O2S	002664-63-3	38
5	Famophos	325	C10H16NO5PS2	000052-85-7	38

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	6.32 ng/ul	1599510	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	98

****
Peak Number 28 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	7.18 ng/ul	1818600	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95

****
Peak Number 29 Fluoranthene, 2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.40 ng/ul	608488	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90

****
Peak Number 30 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.74 ng/ul	947550	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99

****

Peak Number 31 Pyrene, 1-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.24 ng/ul	566598	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93

****

Peak Number 32 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	15.05 ng/ul	3811280	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	97
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	97
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	97
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	97
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	97

****

Peak Number 33 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.97 ng/ul	751055	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96

****

Peak Number 34 11H-Benzo[b]fluorene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	4.94 ng/ul	1249740	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87

****

Peak Number 35 Pyrene, 1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.94 ng/ul	998525	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93

****

Peak Number 36 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.42 ng/ul	612572	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	46
2	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	46
3	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	46

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

4	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	43
5	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	43

****

Peak Number 37 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	11.53 ng/ul	2920100	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99

****

Peak Number 38 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	5.94 ng/ul	1502850	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	97
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	97

****

Peak Number 39 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	4.80 ng/ul	1215390	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	11.95 ng/ul	3025990	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99

****
Peak Number 41 1,1'-Biphenyl, 2,3,3',4',5,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	6.69 ng/ul	1694310	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99

****
Peak Number 42 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.10 ng/ul	1290380	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91

****
Peak Number 43 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.66 ng/ul	674265	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47
4	Triphenylene	228	C18H12	000217-59-4	45
5	Triphenylene	228	C18H12	000217-59-4	45

****

Peak Number 44 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.89 ng/ul	1491350	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99

****

Peak Number 45 1(2H)-Phenanthrenone, 3,4,9... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.22 ng/ul	816187	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	91
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	89
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47

****

Peak Number 46 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	4.54 ng/ul	1148410	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

1	2,2',3,3',4,5',6-Heptachlorobiph...	392 C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392 C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392 C12H3Cl7	074472-49-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392 C12H3Cl7	074472-47-2	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392 C12H3Cl7	041411-64-7	99

****

Peak Number 47 Benz[a]anthracene, 7-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.34 ng/ul	844879	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91

****

Peak Number 48 unknown-04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.70 ng/ul	683216	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	003697-24-3	38
2	Chrysene, 6-methyl-	242	C19H14	003697-24-3	38
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	38
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	38
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	38

****

Peak Number 49 unknown-05 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.30 ng/ul	583582	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	38
2	Chrysene, 6-methyl-	242	C19H14	003697-24-3	38
3	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	30

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

4	Chrysene, 6-methyl-	242	C19H14	003697-24-3	30
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	30

****

Peak Number 50 Cyclohexane, hexaethylidene- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	2.17 ng/ul	549028	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	74
2	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	50
3	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	50
4	9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	40
5	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	40

****

Peak Number 51 Phenanthrene, 2-phenyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	4.01 ng/ul	1016410	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	78
2	2,2'-Binaphthalene	254	C20H14	000612-78-2	60
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	60
4	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	49
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	49

****

Peak Number 52 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	17.30 ng/ul	595014	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	27.27 ng/ul	938058	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	89

****
Peak Number 54 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	10.05 ng/ul	345701	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	46
2	Eicosane	282	C20H42	000112-95-8	45
3	3,4-Dihydroisoquinoline, 1-[3-hy...	267	C17H17NO2	084375-15-5	38
4	3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	38
5	3-Chloro-11-methyl-11H-indolo[3,...	266	C16H11ClN2	155249-46-0	38

****
Peak Number 55 3,4-Dibromobenzaldehyde Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	6.63 ng/ul	228095	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
3	Boron, di-1,5-cyclooctanediyl-.m...	386	C25H36B2N2	125878-54-8	38
4	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	38
5	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	37

****
Peak Number 56 Benzo[b]chrysene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.

Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

25.82 8.90 ng/ul 305996 Perylene-d12 23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Pentaphene	278	C22H14	000222-93-5	97
5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97

Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018151.D
Acq On : 28 Jul 2015 18:01
Operator : TP/UM
Sample : G3030-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,3-...	13.50	6.7	ng/ul	200424	3	14.18	598572	20.0
1,1'-Biphenyl, 2,...	15.45	9.0	ng/ul	269521	3	14.18	598572	20.0
[1,1'-Biphenyl]-4...	15.53	8.8	ng/ul	262876	3	14.18	598572	20.0
Dibenzofuran, 4-m...	15.68	8.0	ng/ul	222228	4	16.94	558827	20.0
9H-Fluorene, 1-me...	16.24	12.4	ng/ul	346185	4	16.94	558827	20.0
9H-Fluorene, 2-me...	16.30	7.0	ng/ul	195385	4	16.94	558827	20.0
1,1'-Biphenyl, 2'...	16.47	11.9	ng/ul	332615	4	16.94	558827	20.0
Dibenzothiophene	16.75	20.2	ng/ul	564290	4	16.94	558827	20.0
Dibenzothiophene,...	17.52	21.4	ng/ul	597680	4	16.94	558827	20.0
Dibenzothiophene,...	17.66	17.6	ng/ul	492774	4	16.94	558827	20.0
1,1'-Biphenyl, 2,...	17.74	9.3	ng/ul	259128	4	16.94	558827	20.0
Phenanthrene, 2-m...	17.82	53.0	ng/ul	1480490	4	16.94	558827	20.0
4H-Cyclopenta[def...	18.02	116.4	ng/ul	3252140	4	16.94	558827	20.0
1H-Indene, 2-phenyl-	18.05	29.8	ng/ul	832366	4	16.94	558827	20.0
1,1'-Biphenyl, 2,...	18.08	10.2	ng/ul	285649	4	16.94	558827	20.0
1,1'-Biphenyl, 2,...	18.12	13.8	ng/ul	385789	4	16.94	558827	20.0
2-Phenylnaphthalene	18.33	37.3	ng/ul	1042860	4	16.94	558827	20.0
9,10-Anthracenedione	18.37	12.9	ng/ul	359660	4	16.94	558827	20.0
Phenanthrene, 4,5...	18.45	7.7	ng/ul	213675	4	16.94	558827	20.0
Phenanthrene, 1,7...	18.63	12.3	ng/ul	344434	4	16.94	558827	20.0
Phenanthrene, 3,6...	18.66	8.1	ng/ul	226457	4	16.94	558827	20.0
Phenanthrene, 2,5...	18.75	31.4	ng/ul	878227	4	16.94	558827	20.0
unknown-01	18.81	19.9	ng/ul	555801	4	16.94	558827	20.0
1,1'-Biphenyl, 2,...	18.85	8.7	ng/ul	243082	4	16.94	558827	20.0
1,1'-Biphenyl, 2,...	18.88	63.9	ng/ul	1785450	4	16.94	558827	20.0
unknown-02	19.09	2.1	ng/ul	520590	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	19.17	6.3	ng/ul	1599510	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	19.62	7.2	ng/ul	1818600	5	21.15	5063820	20.0
Fluoranthene, 2-m...	19.71	2.4	ng/ul	608488	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	19.74	3.7	ng/ul	947550	5	21.15	5063820	20.0
Pyrene, 1-methyl-	19.84	2.2	ng/ul	566598	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	19.88	15.1	ng/ul	3811280	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	19.93	3.0	ng/ul	751055	5	21.15	5063820	20.0
11H-Benzo[b]fluorene	19.99	4.9	ng/ul	1249740	5	21.15	5063820	20.0
Pyrene, 1-methyl-	20.04	3.9	ng/ul	998525	5	21.15	5063820	20.0
unknown-03	20.08	2.4	ng/ul	612572	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	20.16	11.5	ng/ul	2920100	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	20.21	5.9	ng/ul	1502850	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	20.31	4.8	ng/ul	1215390	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	20.48	11.9	ng/ul	3025990	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	20.63	6.7	ng/ul	1694310	5	21.15	5063820	20.0
Benzo[b]naphtho[2...	20.80	5.1	ng/ul	1290380	5	21.15	5063820	20.0
Cyclopenta(cd)pyr...	20.84	2.7	ng/ul	674265	5	21.15	5063820	20.0
1,1'-Biphenyl, 2,...	20.89	5.9	ng/ul	1491350	5	21.15	5063820	20.0
1(2H)-Phenanthren...	21.31	3.2	ng/ul	816187	5	21.15	5063820	20.0
2,2',3,3',4,5',6-...	21.49	4.5	ng/ul	1148410	5	21.15	5063820	20.0
Benz[a]anthracene...	21.69	3.3	ng/ul	844879	5	21.15	5063820	20.0
unknown-04	21.81	2.7	ng/ul	683216	5	21.15	5063820	20.0
unknown-05	21.88	2.3	ng/ul	583582	5	21.15	5063820	20.0

Cyclohexane, hexa...	21.91	2.2	ng/ul	549028	5	21.15	5063820	20.0	
Phenanthrene, 2-p...	21.98	4.0	ng/ul	1016410	5	21.15	5063820	20.0	
Benzo[e]pyrene	22.85	17.3	ng/ul	595014	6	23.35	687972	20.0	
Perylene	23.40	27.3	ng/ul	938058	6	23.35	687972	20.0	
unknown-06	23.88	10.1	ng/ul	345701	6	23.35	687972	20.0	**Instrument :** MSVOA_L **ClientSampleId :**
3,4-Dibromobenzal...	24.19	6.6	ng/ul	228095	6	23.35	687972	20.0	
Benzo[b]chrysene	25.82	8.9	ng/ul	305996	6	23.35	687972	20.0	