LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG022118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	32	40	50	rBV	111109	266633	6.29%	0.593%
2	3.616	50	56	73	rVB	711858	1256428	29.63%	2.794%
3	5.308	337	344	353	rVB2	51416	98684	2.33%	0.219%
4	5.831	426	433	440	rBV2	31582	54671	1.29%	0.122%
5	6.336	512	519	528	rVB	555734	955636	22.54%	2.125%
6	8.016	798	805	816	rVB	353508	665657	15.70%	1.480%
7	8.433	867	876	885	rBV	984084	1777465	41.92%	3.952%
8	8.927	950	960	969	rBV	215387	399114	9.41%	0.887%
9	9.261	1009	1017	1023	rBV	882882	1659089	39.13%	3.689%
10	9.314	1023	1026	1037	rVB	131583	228423	5.39%	0.508%
11	10.125	1156	1164	1175	rVV	678090	1314132	30.99%	2.922%
12	10.319	1190	1197	1204	rVB	31504	56755	1.34%	0.126%
13	10.448	1211	1219	1225	rBV2	50736	115621	2.73%	0.257%
14	10.513	1225	1230	1238	rVB2	28748	58067	1.37%	0.129%
15	10.712	1259	1264	1271	rVB2	30212	56260	1.33%	0.125%
16	11.036	1310	1319	1327	rVB3	25721	62248	1.47%	0.138%
17	11.188	1339	1345	1356	rBV5	34269	87634	2.07%	0.195%
18	11.341	1365	1371	1377	rVB7	24421	60845	1.43%	0.135%
19	11.811	1444	1451	1456	rBV	321389	595492	14.04%	1.324%
20	11.864	1456	1460	1467	rVB	146714	247680	5.84%	0.551%
21	12.363	1539	1545	1553	rVB2	56208	99595	2.35%	0.221%
22	12.892	1624	1635	1641	rBV	75855	172765	4.07%	0.384%
23	13.139	1672	1677	1685	rBV9	23687	46001	1.08%	0.102%
24	13.309	1700	1706	1712	rBV2	99128	176919	4.17%	0.393%
25	13.409	1718	1723	1729	rBV	133064	219119	5.17%	0.487%
26	13.479	1730	1735	1740	rVB3	52979	94285	2.22%	0.210%
27	13.626	1750	1760	1766	rBV	693086	1257125	29.65%	2.795%
28	13.679	1766	1769	1773	rVB2	30255	44149	1.04%	0.098%
29	13.879	1799	1803	1810	rBV3	19472	44187	1.04%	0.098%
30	13.943	1810	1814	1822	rVB2	41777	79569	1.88%	0.177%
31	14.026	1822	1828	1830	rBV4	34667	64361	1.52%	0.143%
32	14.172	1846	1853	1860	rVB	1912709	3031222	71.49%	6.740%
33	14.325	1874	1879	1884	rVV3	39719	79709	1.88%	0.177%
34	14.390	1886	1890	1899	rVB7	43571	97424	2.30%	0.217%

LSC Area Percent Report

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Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG022118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.666	1932	1937	1940	rBV5	42497	82413	1.94%	0.183%
36	14.719	1940	1946	1953	rVB3	97173	243931	5.75%	0.542%
37	14.866	1964	1971	1976	rBV2	171557	343320	8.10%	0.763%
38	14.918	1977	1980	1984	rVV5	41912	65777	1.55%	0.146%
39	14.965	1984	1988	1992	rVB	48380	71904	1.70%	0.160%
40	15.007	1992	1995	2001	rVB3	33906	52112	1.23%	0.116%
41	15.095	2004	2010	2014	rBV	101635	185547	4.38%	0.413%
42	15.265	2033	2039	2049	rBV3	87083	183987	4.34%	0.409%
43	15.383	2054	2059	2063	rVB2	59192	83870	1.98%	0.186%
44	15.453	2064	2071	2075	rBV3	40351	93622	2.21%	0.208%
45	15.541	2080	2086	2091	rVV2	470271	807823	19.05%	1.796%
46	15.606	2091	2097	2103	rVV	2371324	3795234	89.50%	8.439%
47	15.659	2103	2106	2113	rVB	124389	186991	4.41%	0.416%
48	15.841	2127	2137	2145	rBV	83489	222354	5.24%	0.494%
49	15.929	2146	2152	2159	rVV	909115	1496734	35.30%	3.328%
50	15.988	2159	2162	2171	rVB7	40829	76000	1.79%	0.169%
51	16.140	2183	2188	2194	rVB4	37643	73180	1.73%	0.163%
52	16.234	2199	2204	2209	rVB2	57163	91035	2.15%	0.202%
53	16.322	2214	2219	2230	rVB5	84097	214174	5.05%	0.476%
54	16.575	2255	2262	2272	rVB	1305861	2082463	49.11%	4.630%
55	16.698	2272	2283	2286	rBV2	110272	337928	7.97%	0.751%
56	16.822	2301	2304	2307	rBV3	43169	75686	1.78%	0.168%
57	16.857	2307	2310	2316	rVB2	113566	178307	4.21%	0.396%
58	17.010	2329	2336	2344	rVB	1576721	2597662	61.26%	5.776%
59	17.174	2359	2364	2367	rBV2	85801	135188	3.19%	0.301%
60	17.239	2370	2375	2384	rVB3	172418	347065	8.18%	0.772%
61	17.409	2399	2404	2409	rBV	107684	161133	3.80%	0.358%
62	17.609	2435	2438	2446	rVB5	45448	83564	1.97%	0.186%
63	17.715	2453	2456	2462	rBV3	32118	48156	1.14%	0.107%
64	18.061	2507	2515	2524	rVB2	112838	360434	8.50%	0.801%
65	18.214	2538	2541	2545	rBV2	54180	71351	1.68%	0.159%
66	18.267	2545	2550	2554	rVV	599173	985384	23.24%	2.191%
67	18.308	2554	2557	2568	rVV	316035	539702	12.73%	1.200%
68	18.402	2568	2573	2577	rVV	174718	283461	6.68%	0.630%
69	18.455	2578	2582	2593	rVB2	152941	333880	7.87%	0.742%
70	18.649	2610	2615	2621	rBV	326190	562982	13.28%	1.252%
71	18.878	2648	2654	2658	rBV5	50815	106170	2.50%	0.236%

LSC Area Percent Report

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Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.078	2681	2688	2697	rBV3	326629	731459	17.25%	1.626%
73	19.154	2697	2701	2707	rVB3	99921	199949	4.72%	0.445%
74	19.213	2707	2711	2719	rVB2	232807	383023	9.03%	0.852%
75	19.313	2720	2728	2733	rBV2	205865	516105	12.17%	1.148%
76	19.365	2734	2737	2740	rVB3	52023	62262	1.47%	0.138%
77	19.436	2746	2749	2754	rBV4	52732	91689	2.16%	0.204%
78	19.530	2761	2765	2769	rBV4	35705	57673	1.36%	0.128%
79	19.594	2773	2776	2779	rVV2	59257	94718	2.23%	0.211%
80	19.636	2779	2783	2788	rVB2	82300	135328	3.19%	0.301%
81	19.806	2809	2812	2825	rVB	104777	218683	5.16%	0.486%
82	19.965	2835	2839	2842	rBV	135598	185338	4.37%	0.412%
83	20.129	2864	2867	2872	rBV	47553	65832	1.55%	0.146%
84	20.258	2884	2889	2894	rBV	337015	511193	12.06%	1.137%
85	20.311	2894	2898	2909	rVB5	124899	219313	5.17%	0.488%
86	20.405	2911	2914	2918	rVB	35830	46709	1.10%	0.104%
87	20.611	2945	2949	2957	rVB2	173617	290053	6.84%	0.645%
88	20.787	2973	2979	2985	rBV	3235667	4240292	100.00%	9.428%
89	21.034	3017	3021	3027	rVB	188909	262365	6.19%	0.583%
90	21.128	3032	3037	3043	rVB	401605	601384	14.18%	1.337%
91	21.727	3134	3139	3149	rVB2	112509	235433	5.55%	0.523%
92	22.167	3210	3214	3229	rVB6	60839	136244	3.21%	0.303%
93	22.626	3285	3292	3300	rVB2	591932	1131104	26.68%	2.515%
94	24.594	3621	3627	3636	rVB	94700	199511	4.71%	0.444%
95	26.438	3929	3941	3956	rBV2	348768	1175782	27.73%	2.614%

Sum of corrected areas: 44974930

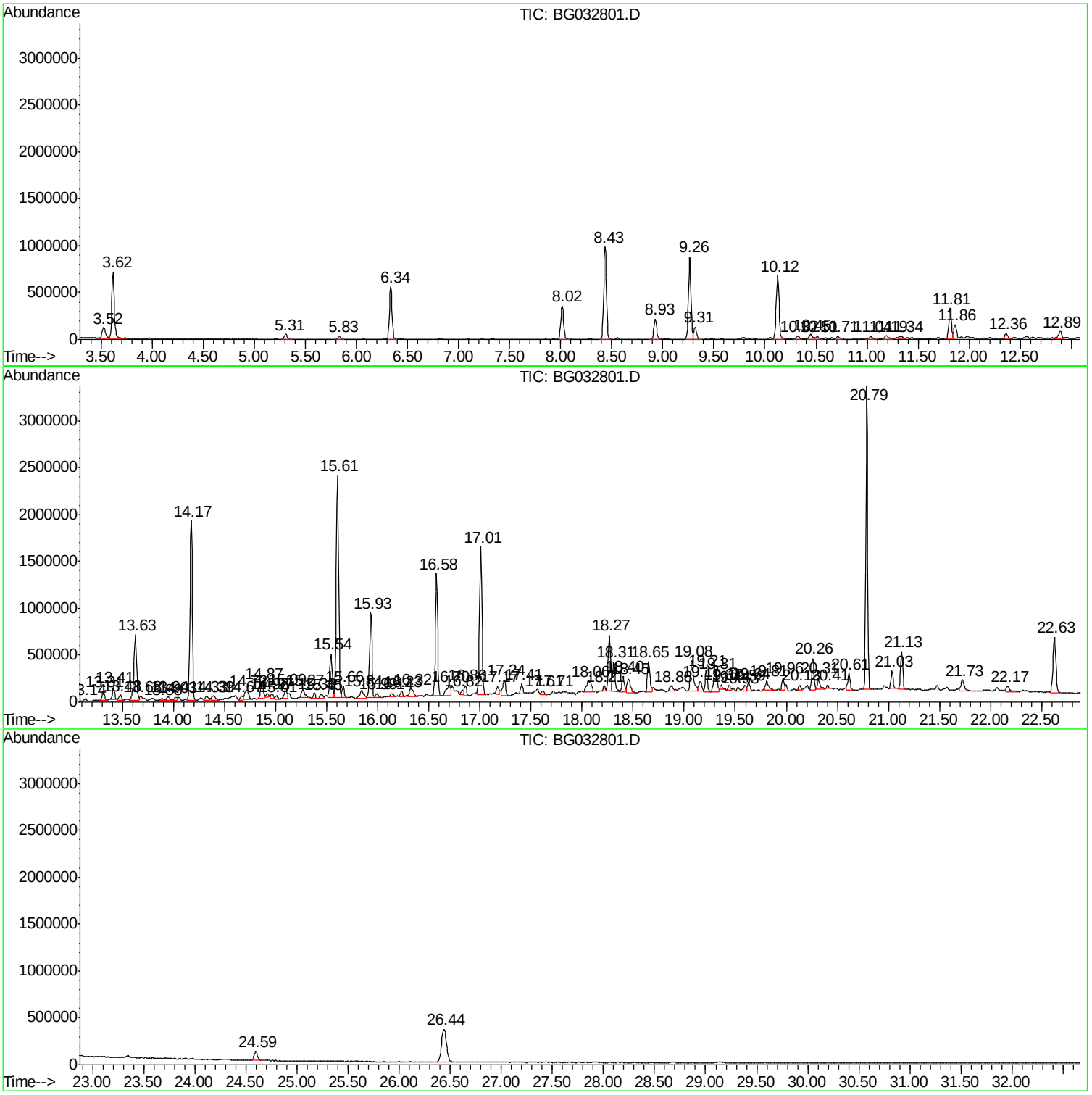
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	62.96 ng	1256430	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23

****
Peak Number 2 unknown8.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	89.07 ng	1777470	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9

****
Peak Number 3 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	11.45 ng	228423	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	80
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
5	Indane	118	C9H10	000496-11-7	72

****
Peak Number 4 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 18

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.80 ng	172765	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
2	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
3	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	80
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	72
5	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	72

****

Peak Number 5 Benzo[b]thiophene, 6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	5.94 ng	176919	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	87
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	74
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	74
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	74

****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	42.22 ng	1257130	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64

****

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	6.04 ng	243931	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1 95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7 87
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1 86
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2 66
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9 64

****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	8.50 ng	343320	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96

****

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.51 ng	222354	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	49

****

Peak Number 10 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	5.30 ng	214174	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	58
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53
3	Nonadecane	268	C19H40	000629-92-5	50

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
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Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

4	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50

****

Peak Number 11 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	7.04 ng	347065	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	78
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	60
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	49
5	Dibenzofuran	168	C12H8O	000132-64-9	47

****

Peak Number 12 1-Naphthalenol, 2-amino- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	7.32 ng	360434	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	81
2	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	81
3	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	68
4	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	68
5	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	64

****

Peak Number 13 Acridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	6.78 ng	333880	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	90
4	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	90
5	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	87

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****
Peak Number 14 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	14.85 ng	731459	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	46

****
Peak Number 15 2-Hydroxyfluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	7.77 ng	383023	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	60
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	45
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	41
5	Phenanthrene	178	C14H10	000085-01-8	38

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	10.48 ng	516105	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	27

****
Peak Number 17 1H-Indene, 3-ethenyl-2,3-di... Concentration Rank 8

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

Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

21.13 10.63 ng 601384 Chrysene-d12 22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-ethenyl-2,3-dihydro...	172	C13H16	053909-98-1	53
2	4-Quinolinecarboxaldehyde	157	C10H7NO	004363-93-3	50
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	46
4	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	46
5	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	46

Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022318\
Data File : BG032801.D
Acq On : 23 Feb 2018 22:04
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.62	63.0	ng	1256430	1	8.93	399114	20.0
unknown8.43	8.43	89.1	ng	1777470	1	8.93	399114	20.0
Tetracyclo[3.3.1....	9.31	11.4	ng	228423	1	8.93	399114	20.0
Benzo[b]thiophene...	12.89	5.8	ng	172765	2	11.81	595492	20.0
Benzo[b]thiophene...	13.31	5.9	ng	176919	2	11.81	595492	20.0
Naphthalene, 1-me...	13.63	42.2	ng	1257130	2	11.81	595492	20.0
Naphthalene, 2,7-...	14.72	6.0	ng	243931	3	15.54	807823	20.0
Naphthalene, 2,3-...	14.87	8.5	ng	343320	3	15.54	807823	20.0
1-Isopropenylnaph...	15.84	5.5	ng	222354	3	15.54	807823	20.0
Tetradecane	16.32	5.3	ng	214174	3	15.54	807823	20.0
1(2H)-Acenaphthyl...	17.24	7.0	ng	347065	4	18.27	985384	20.0
1-Naphthalenol, 2...	18.06	7.3	ng	360434	4	18.27	985384	20.0
Acridine	18.45	6.8	ng	333880	4	18.27	985384	20.0
n-Hexadecanoic acid	19.08	14.9	ng	731459	4	18.27	985384	20.0
2-Hydroxyfluorene	19.21	7.8	ng	383023	4	18.27	985384	20.0
4H-Cyclopenta[def...	19.31	10.5	ng	516105	4	18.27	985384	20.0
1H-Indene, 3-ethe...	21.13	10.6	ng	601384	5	22.63	1131100	20.0