LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

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-BG091015.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	2.880	5	7	14	rVB4	10313	14453	0.76%	0.082%
2	3.104	39	45	53	rBV	60364	99548	5.20%	0.564%
3	3.180	53	58	75	rVB	796605	1159579	60.62%	6.574%
4	5.101	382	385	390	rBV3	3566	4969	0.26%	0.028%
5	7.164	730	736	743	rBV	31146	51819	2.71%	0.294%
6	7.322	757	763	771	rBV	140512	223883	11.70%	1.269%
7	7.534	792	799	810	rVB	129298	214861	11.23%	1.218%
8	7.998	869	878	885	rBV	155504	260846	13.64%	1.479%
9	8.703	989	998	1007	rBV2	99153	167984	8.78%	0.952%
10	9.155	1066	1075	1085	rBV	150137	271599	14.20%	1.540%
11	9.884	1191	1199	1206	rBV	121126	223844	11.70%	1.269%
12	10.425	1281	1291	1299	rBV	188203	339931	17.77%	1.927%
13	10.801	1348	1355	1364	rBV	233428	408920	21.38%	2.318%
14	10.936	1373	1378	1385	rBV3	7303	13839	0.72%	0.078%
15	11.511	1472	1476	1481	rVB4	2678	4193	0.22%	0.024%
16	12.980	1724	1726	1731	rVB3	2605	3237	0.17%	0.018%
17	13.139	1750	1753	1754	rBV2	5846	4528	0.24%	0.026%
18	13.233	1763	1769	1771	rBV4	3963	4904	0.26%	0.028%
19	14.026	1898	1904	1909	rBV	484598	696573	36.42%	3.949%
20	14.073	1909	1912	1919	rVV	67126	88677	4.64%	0.503%
21	14.320	1944	1954	1962	rBV	528950	809671	42.33%	4.590%
22	14.625	1998	2006	2015	rBV2	401826	656750	34.33%	3.723%
23	14.825	2034	2040	2047	rBV2	34842	63062	3.30%	0.358%
24	15.360	2126	2131	2136	rVV3	2110	3454	0.18%	0.020%
25	15.419	2136	2141	2143	rVV2	5314	8653	0.45%	0.049%
26	15.466	2146	2149	2153	rVB2	7590	8834	0.46%	0.050%
27	15.618	2168	2175	2188	rVB	747112	1141084	59.66%	6.469%
28	15.730	2188	2194	2201	rBV	212008	310415	16.23%	1.760%
29	15.853	2211	2215	2222	rBV5	9320	15783	0.83%	0.089%
30	16.083	2250	2254	2259	rVB3	3746	3881	0.20%	0.022%
31	16.323	2290	2295	2305	rVB3	12902	23986	1.25%	0.136%
32	16.500	2319	2325	2330	rBV5	7480	12582	0.66%	0.071%
33	17.117	2424	2430	2433	rBV3	11842	15823	0.83%	0.090%
34	17.164	2433	2438	2443	rVB6	5496	9151	0.48%	0.052%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

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-BG091015.M
Title : SVOA CALIBRATION

35	17.369	2463	2473	2479	rBV	624840	929206	48.58%	5.268%
36	17.469	2482	2490	2496	rVV2	958140	1493100	78.06%	8.465%
37	17.739	2528	2536	2546	rBV3	37426	65449	3.42%	0.371%
38	17.851	2551	2555	2560	rVB3	8863	12868	0.67%	0.073%
39	18.027	2581	2585	2587	rBV4	4685	4756	0.25%	0.027%
40	18.251	2618	2623	2630	rBV6	16944	26073	1.36%	0.148%
41	18.315	2630	2634	2638	rVB5	3047	5734	0.30%	0.033%
42	18.544	2668	2673	2679	rBV8	9974	17173	0.90%	0.097%
43	18.674	2691	2695	2699	rVB7	3363	4537	0.24%	0.026%
44	19.009	2746	2752	2755	rBV5	4232	7498	0.39%	0.043%
45	19.103	2760	2768	2777	rBV	170194	256988	13.44%	1.457%
46	19.167	2777	2779	2783	rVV3	8968	13442	0.70%	0.076%
47	19.220	2783	2788	2794	rVB	157579	198097	10.36%	1.123%
48	19.561	2843	2846	2852	rVB7	2777	5231	0.27%	0.030%
49	19.637	2852	2859	2861	rBV2	10892	18377	0.96%	0.104%
50	19.755	2872	2879	2886	rBV	1303436	1912781	100.00%	10.844%
51	19.825	2888	2891	2896	rVB6	2709	4999	0.26%	0.028%
52	19.972	2914	2916	2919	rVB3	5787	5182	0.27%	0.029%
53	20.084	2931	2935	2936	rBV3	2479	3242	0.17%	0.018%
54	20.195	2953	2954	2957	rBV3	3622	3221	0.17%	0.018%
55	20.272	2965	2967	2973	rVB6	10185	11274	0.59%	0.064%
56	20.342	2973	2979	2983	rBV7	4249	9225	0.48%	0.052%
57	20.607	3020	3024	3028	rVV4	17218	20317	1.06%	0.115%
58	20.677	3034	3036	3039	rBV3	3337	3412	0.18%	0.019%
59	20.707	3039	3041	3047	rVB7	9460	16458	0.86%	0.093%
60	20.765	3047	3051	3055	rBV5	12479	17722	0.93%	0.100%
61	20.877	3068	3070	3072	rBV3	6599	6426	0.34%	0.036%
62	21.030	3095	3096	3098	rBV2	5316	3355	0.18%	0.019%
63	21.265	3133	3136	3143	rBV7	18684	36361	1.90%	0.206%
64	21.470	3169	3171	3173	rBV3	4804	5864	0.31%	0.033%
65	21.512	3175	3178	3185	rVB7	7230	13892	0.73%	0.079%
66	21.623	3190	3197	3204	rBV	747201	1197800	62.62%	6.790%
67	21.741	3211	3217	3225	rBV	314588	463578	24.24%	2.628%
68	22.598	3361	3363	3368	rBV6	3536	4386	0.23%	0.025%
69	22.781	3393	3394	3396	rBV2	4744	3380	0.18%	0.019%
70	23.092	3443	3447	3450	rBV6	6607	9146	0.48%	0.052%
71	23.515	3517	3519	3521	rBV3	5463	4442	0.23%	0.025%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

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-BG091015.M
Title : SVOA CALIBRATION

72	23.556	3524	3526	3528	rBV3	4346	3902	0.20%	0.022%
73	23.868	3578	3579	3581	rBV2	7662	6806	0.36%	0.039%
74	23.950	3591	3593	3596	rBV4	4297	3956	0.21%	0.022%
75	23.991	3596	3600	3601	rBV4	4222	4228	0.22%	0.024%
76	24.390	3666	3668	3670	rBV3	3683	3396	0.18%	0.019%
77	24.590	3692	3702	3715	rBV	643255	1734855	90.70%	9.835%
78	24.743	3726	3728	3729	rBV2	4540	4220	0.22%	0.024%
79	24.814	3729	3740	3752	rVV	449509	1230675	64.34%	6.977%
80	25.301	3814	3823	3833	rVB2	129718	346244	18.10%	1.963%
81	25.466	3849	3851	3854	rVB3	4738	3754	0.20%	0.021%
82	25.489	3854	3855	3857	rBV2	5156	4269	0.22%	0.024%
83	25.924	3927	3929	3940	rVB2	12486	30080	1.57%	0.171%
84	26.147	3966	3967	3969	rBV2	4605	3889	0.20%	0.022%
85	26.465	4019	4021	4024	rVB3	4488	3467	0.18%	0.020%
86	27.205	4145	4147	4149	rBV3	4461	3639	0.19%	0.021%
87	27.363	4172	4174	4176	rVB3	4761	4469	0.23%	0.025%
88	27.387	4176	4178	4180	rBV3	4057	3368	0.18%	0.019%
89	27.481	4193	4194	4198	rBV4	4527	5082	0.27%	0.029%
90	28.039	4286	4289	4291	rBV3	3541	4244	0.22%	0.024%
91	28.133	4303	4305	4308	rBV4	3509	3530	0.18%	0.020%
92	28.174	4310	4312	4315	rBV4	3812	4428	0.23%	0.025%
93	28.233	4320	4322	4325	rVB4	4142	4253	0.22%	0.024%
94	28.856	4425	4428	4429	rBV3	5842	6570	0.34%	0.037%
95	29.655	4561	4564	4566	rBV4	6030	6995	0.37%	0.040%
96	31.106	4809	4811	4814	rVB4	4676	3812	0.20%	0.022%
97	31.136	4814	4816	4820	rBV3	3501	4899	0.26%	0.028%
98	31.841	4934	4936	4939	rVV4	5567	5268	0.28%	0.030%
99	32.117	4981	4983	4986	rBV4	4205	3834	0.20%	0.022%
100	32.616	5060	5068	5070	rBV7	13688	35110	1.84%	0.199%

Sum of corrected areas: 17639550

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
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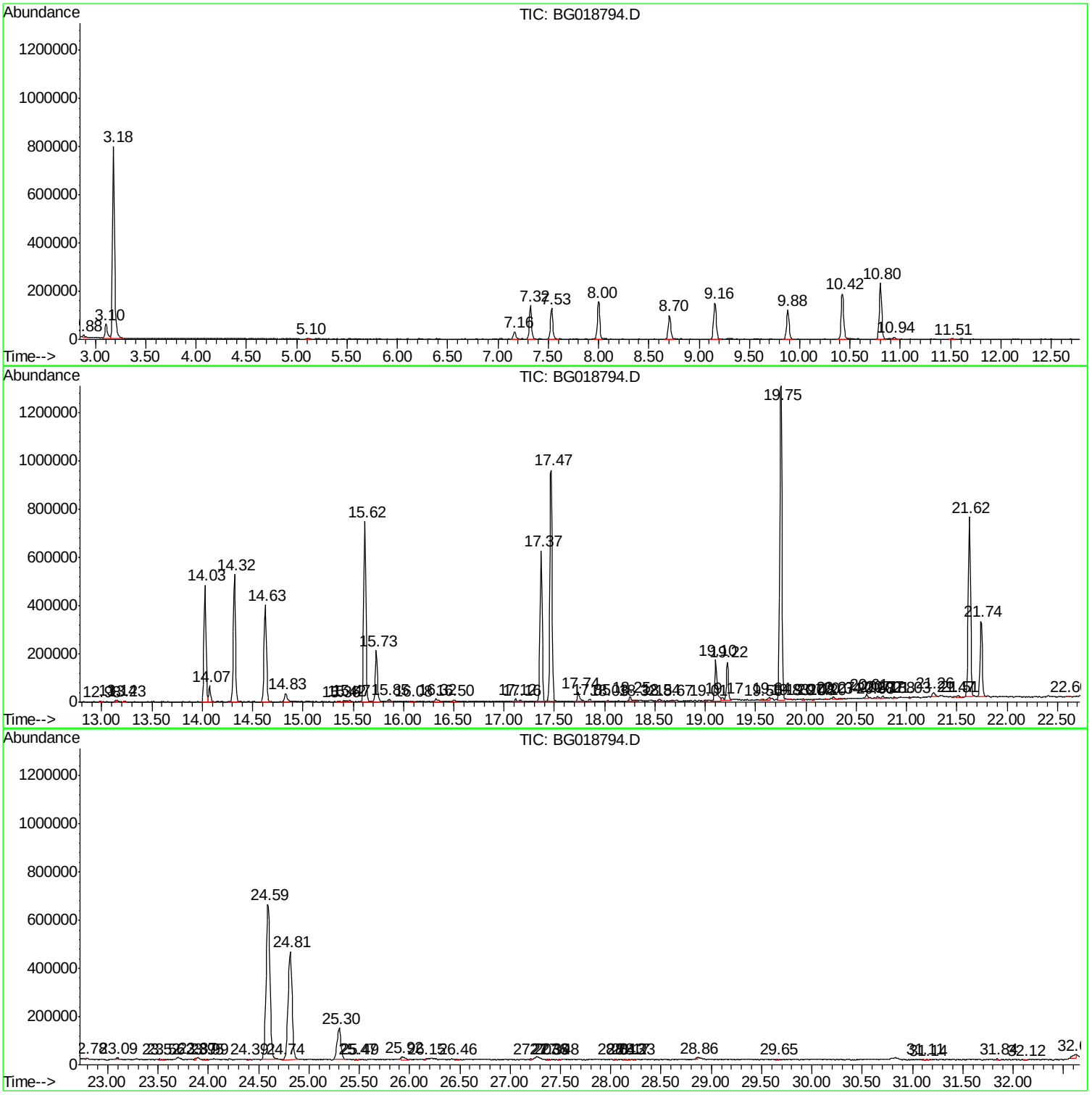
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

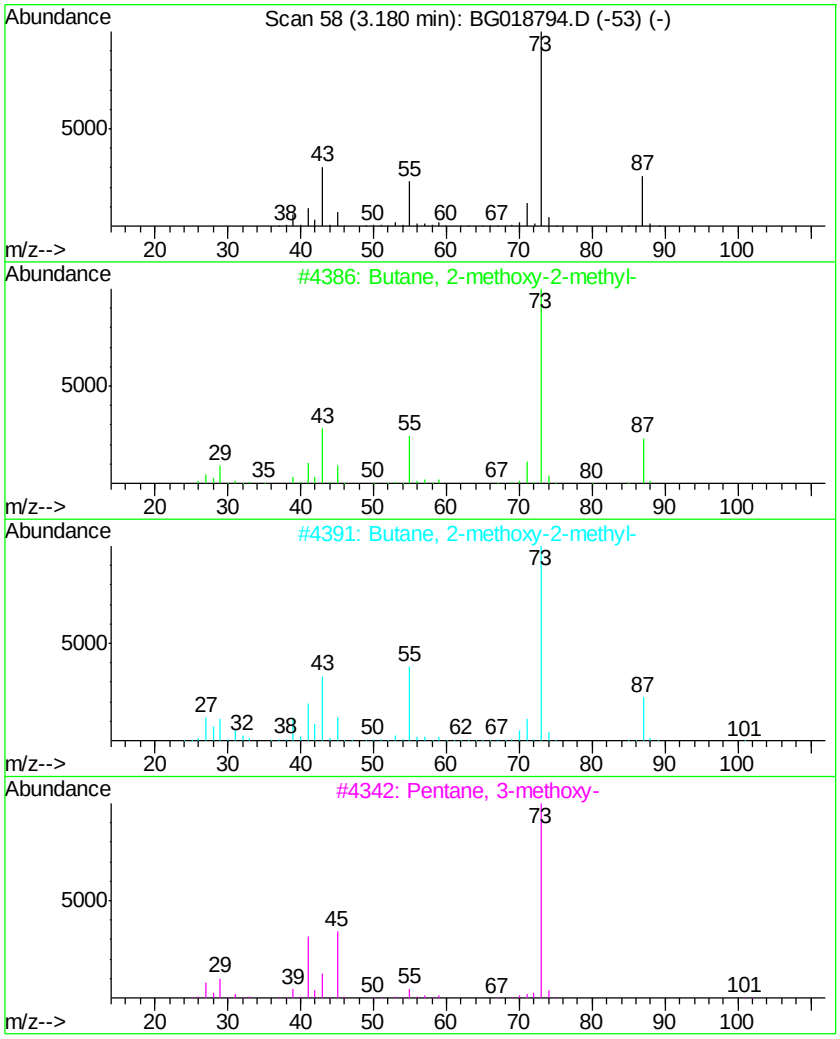
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

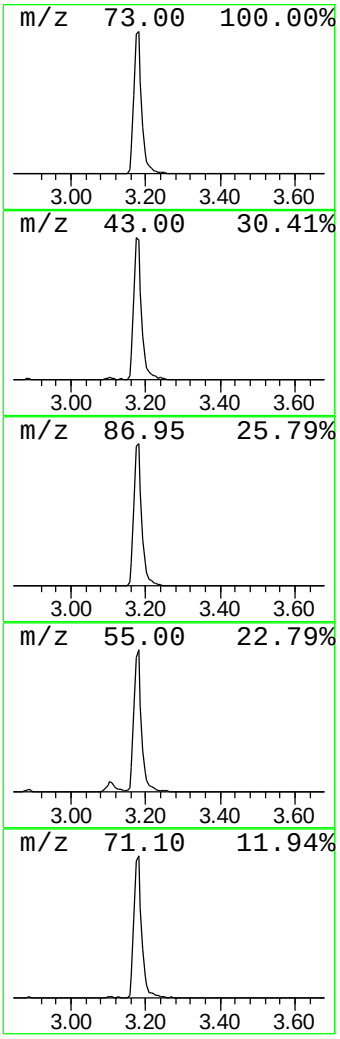
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	88.91 ng/ul	1159580	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

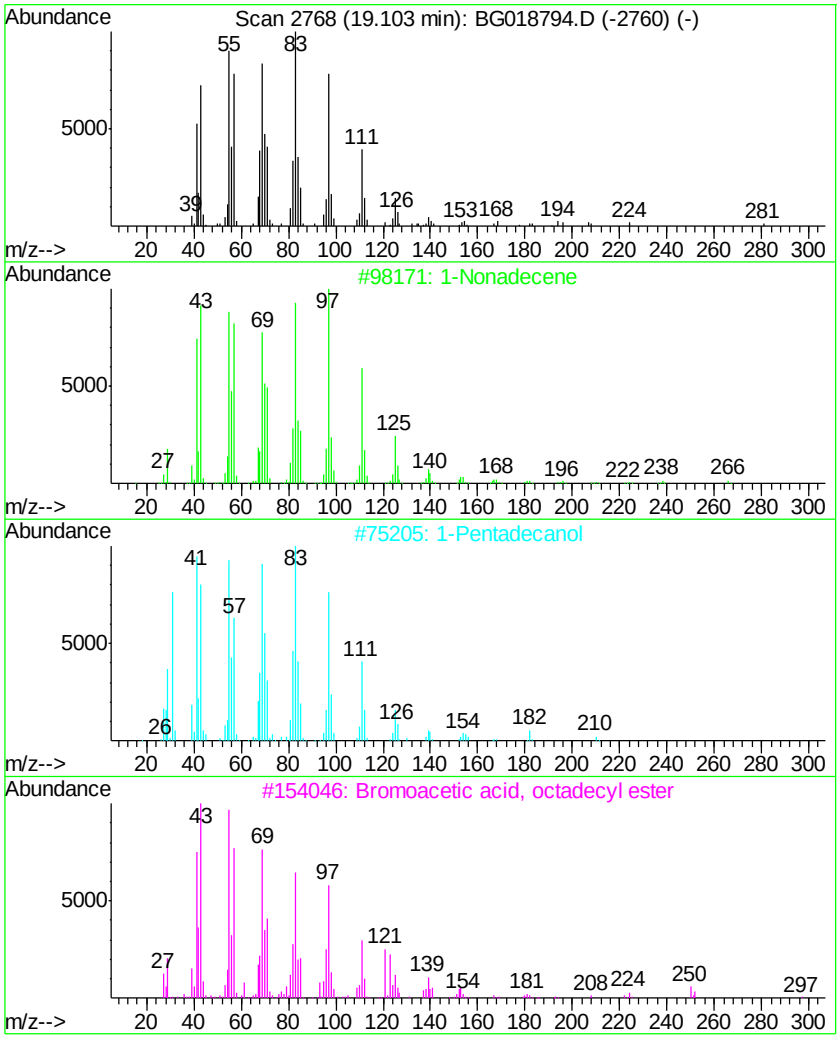
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

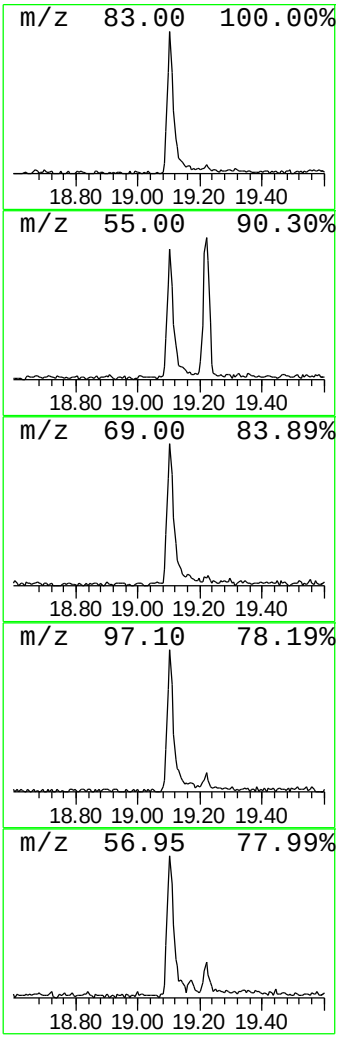
****

Peak Number 3 (DEL) Alkane: Cyclic19.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	5.53 ng/ul	256988	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	1-Pentadecanol	228	C15H32O	000629-76-5	90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4	1-Nonadecanol	284	C19H40O	001454-84-8	76
5	1-Hexadecanol	242	C16H34O	036653-82-4	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

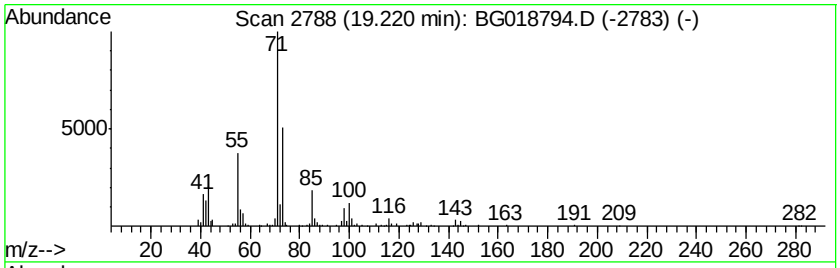
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

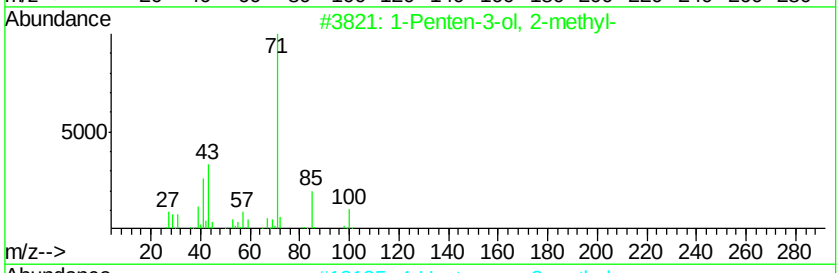
****

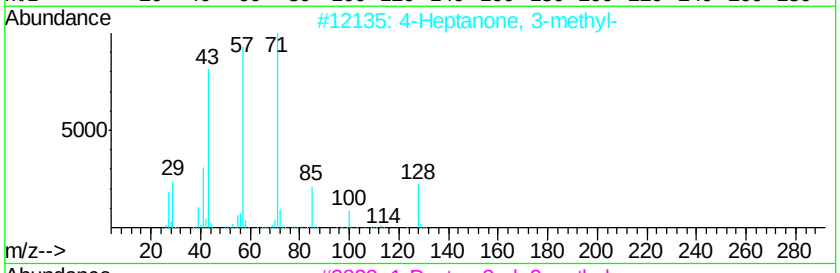
Peak Number 4 1-Penten-3-ol, 2-methyl- Concentration Rank 6

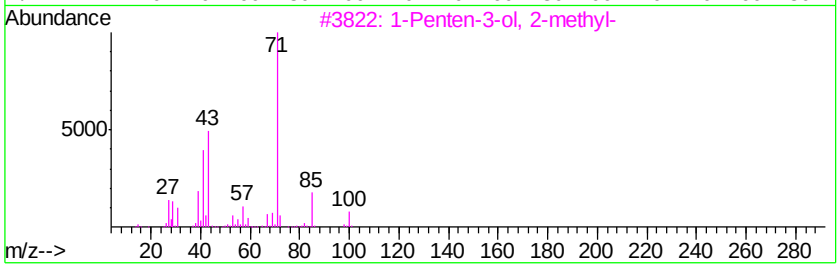
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	4.26 ng/ul	198097	Phenanthrene-d10	17.37

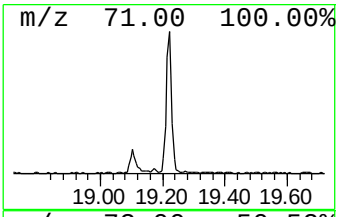
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64
2	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	59
3	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	58
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	58
5	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	49

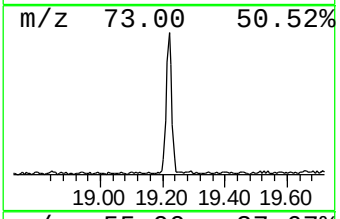


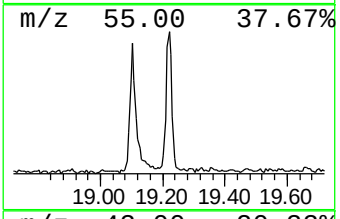


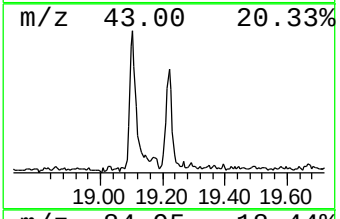


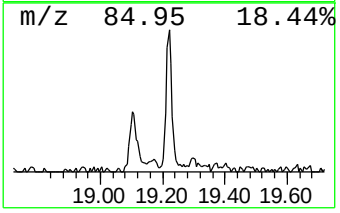












Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

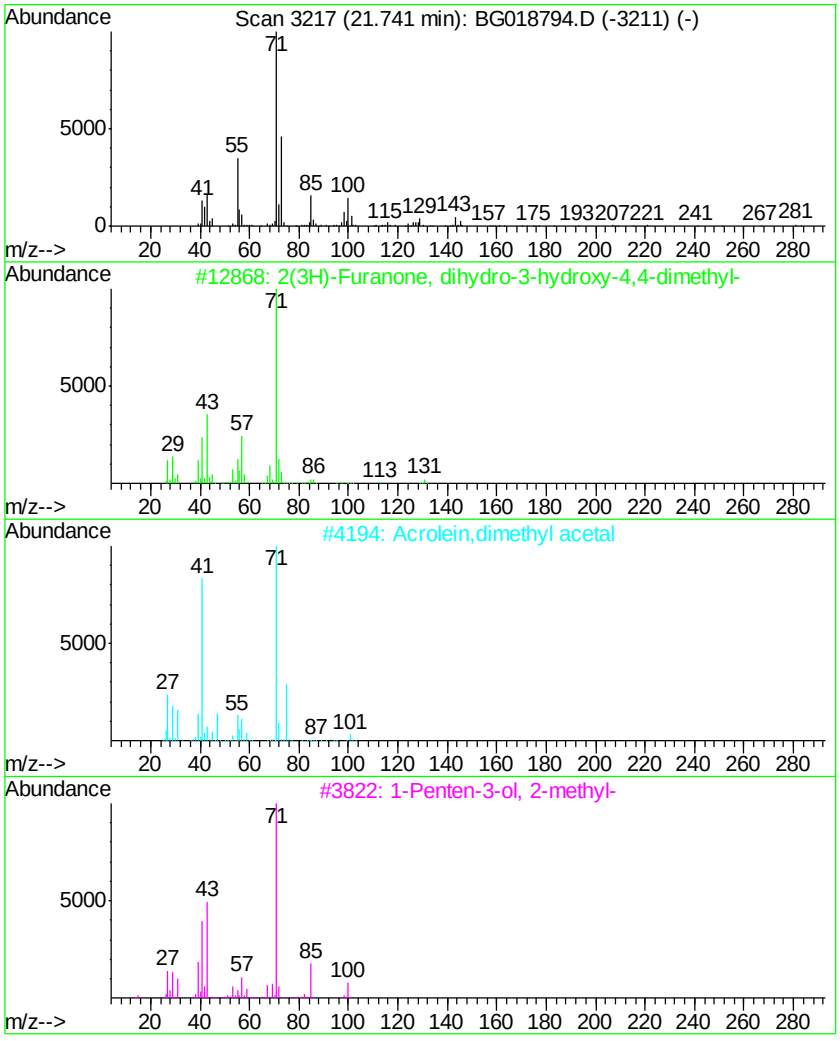
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

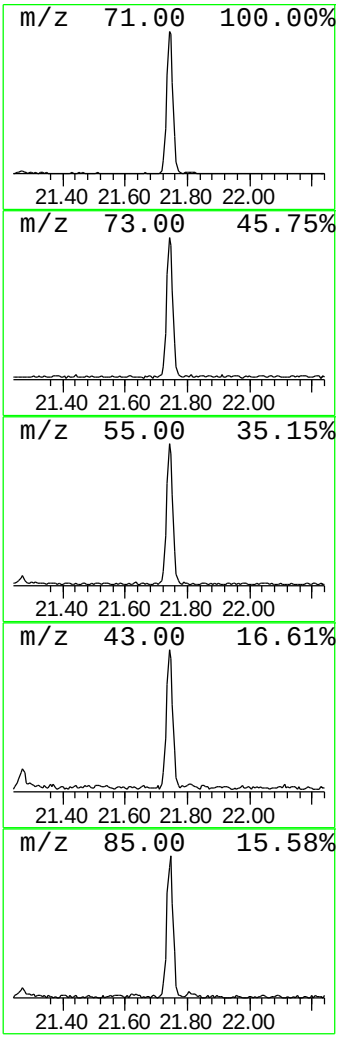
****

Peak Number 5 2(3H)-Furanone, dihydro-3-h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	7.74 ng/ul	463578	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	53
2	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	52
3	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	45
4	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	43
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

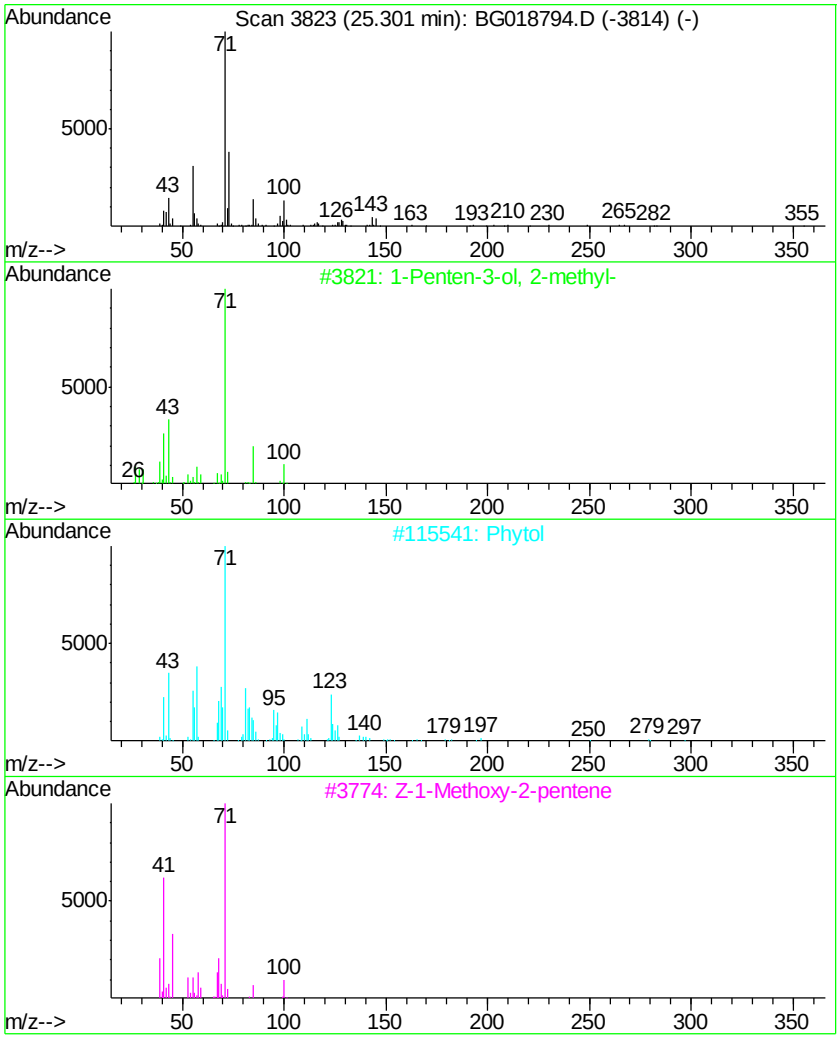
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

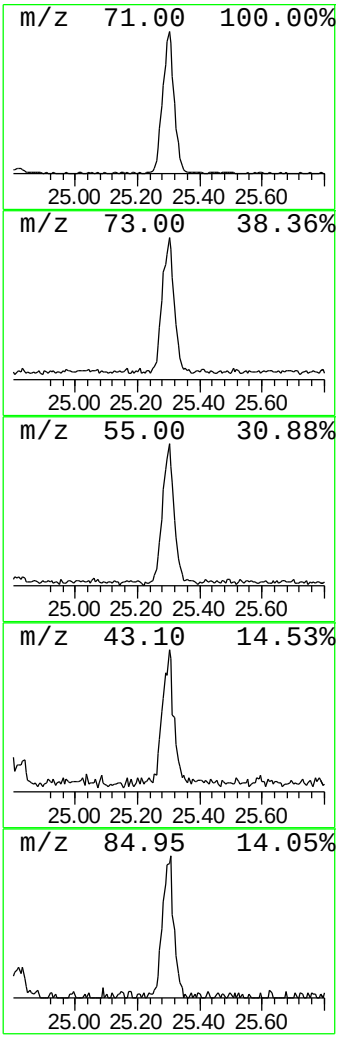
****

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.30	5.63 ng/ul	346244	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
2	Phytol	296	C20H40O	000150-86-7	38
3	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	38
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38
5	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092115\
Data File : BG018794.D
Acq On : 21 Sep 2015 22:26
Operator : TP
Sample : G3696-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AN7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Butane, 2-methoxy...	3.18	88.9	ng/ul	1159580	1	8.00	260846	20.0
(DEL) Alkane: Cyc...	19.10	5.5	ng/ul	256988	4	17.37	929206	20.0
1-Penten-3-ol, 2-...	19.22	4.3	ng/ul	198097	4	17.37	929206	20.0
2(3H)-Furanone, d...	21.74	7.7	ng/ul	463578	5	21.62	1197800	20.0
unknown-01	25.30	5.6	ng/ul	346244	6	24.81	1230680	20.0