LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046183.D
Acq On : 6 Aug 2020 18:17
Operator : CG/JU
Sample : PB130780BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK80

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.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	3.158	8	12	23	rVB	50803	87417	2.16%	0.239%
2	3.417	52	56	64	rVB	29391	46040	1.14%	0.126%
3	4.163	178	183	186	rBV2	6102	9499	0.23%	0.026%
4	7.112	676	685	695	rBV	533003	902106	22.30%	2.463%
5	7.277	706	713	724	rBV	439413	704579	17.42%	1.924%
6	7.482	741	748	761	rVB	539058	914235	22.60%	2.496%
7	7.953	821	828	838	rBV	355802	598185	14.79%	1.633%
8	8.652	940	947	957	rBV	664060	1132456	27.99%	3.092%
9	9.104	1016	1024	1036	rBV	473499	855482	21.15%	2.336%
10	9.827	1138	1147	1159	rBV	410225	717416	17.73%	1.959%
11	10.367	1231	1239	1251	rBV	688850	1212218	29.96%	3.310%
12	10.749	1294	1304	1313	rBV	504134	880812	21.77%	2.405%
13	10.879	1318	1326	1337	rBV	633321	1178813	29.14%	3.219%
14	12.336	1568	1574	1579	rBV	11260	19471	0.48%	0.053%
15	13.987	1848	1855	1861	rBV	1216588	1798981	44.47%	4.912%
16	14.045	1864	1865	1870	rVB2	4401	4579	0.11%	0.013%
17	14.269	1894	1903	1914	rBV	1456391	2302404	56.91%	6.287%
18	14.580	1949	1956	1963	rVB2	844115	1293660	31.98%	3.532%
19	14.768	1979	1988	2001	rBV	458928	813021	20.10%	2.220%
20	15.573	2117	2125	2133	rBV	1898240	2929275	72.40%	7.998%
21	15.679	2136	2143	2157	rVV	475332	718036	17.75%	1.961%
22	15.808	2160	2165	2170	rVB3	24434	35271	0.87%	0.096%
23	16.349	2253	2257	2265	rVB5	8121	13025	0.32%	0.036%
24	16.848	2337	2342	2346	rVB4	3560	5079	0.13%	0.014%
25	17.001	2364	2368	2372	rVB4	3791	4896	0.12%	0.013%
26	17.101	2381	2385	2392	rVB2	4026	6880	0.17%	0.019%
27	17.318	2415	2422	2432	rBV	1096958	1642896	40.61%	4.486%
28	17.418	2432	2439	2452	rVV2	2112384	3176475	78.52%	8.673%
29	18.863	2682	2685	2690	rBV5	4445	6283	0.16%	0.017%
30	19.263	2751	2753	2757	rVB4	4169	4487	0.11%	0.012%
31	19.339	2760	2766	2771	rBV	32731	42505	1.05%	0.116%
32	19.586	2802	2808	2813	rBV	27163	47767	1.18%	0.130%
33	19.651	2816	2819	2821	rBV4	5532	4586	0.11%	0.013%
34	19.703	2821	2828	2836	rBV	2612800	3810710	94.19%	10.405%

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35	19.933	2864	2867	2873	rVB5	7560	11362	0.28%	0.031%
36	20.309	2927	2931	2932	rBV4	6311	7321	0.18%	0.020%
37	20.344	2934	2937	2940	rVV4	8543	11501	0.28%	0.031%
38	20.626	2982	2985	2986	rBV3	9815	11348	0.28%	0.031%
39	20.826	3017	3019	3020	rBV	7573	6571	0.16%	0.018%
40	21.566	3138	3145	3155	rVB	1084165	1850153	45.73%	5.052%
41	21.701	3165	3168	3169	rBV3	15812	16648	0.41%	0.045%
42	21.807	3175	3186	3202	rVB4	65364	343981	8.50%	0.939%
43	23.047	3393	3397	3403	rVB6	22178	39589	0.98%	0.108%
44	23.828	3526	3530	3537	rVB2	39406	79358	1.96%	0.217%
45	24.463	3627	3638	3654	rBV	1504126	4045689	100.00%	11.046%
46	24.674	3664	3674	3683	rBV2	696651	1896658	46.88%	5.179%
47	24.745	3683	3686	3694	rVB4	57433	116897	2.89%	0.319%
48	25.843	3866	3873	3881	rVB4	49929	143584	3.55%	0.392%
49	26.219	3935	3937	3938	rBV2	7787	4974	0.12%	0.014%
50	27.142	4089	4094	4104	rVB6	40915	119248	2.95%	0.326%

Sum of corrected areas: 36624427

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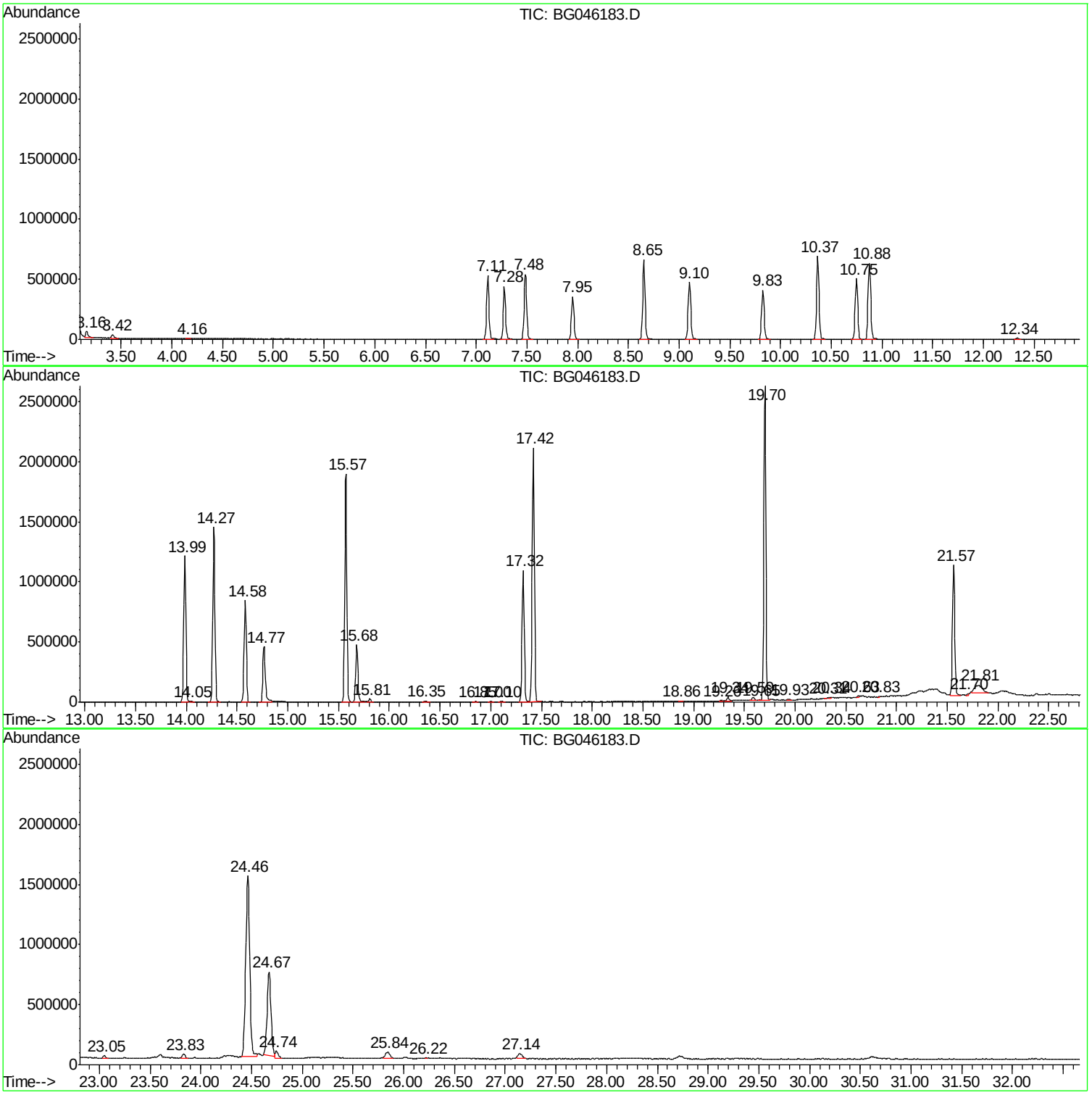
BNA_G
ClientSampleId :
SBLK80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BG046183.D
Acq On : 6 Aug 2020 18:17
Operator : CG/JU
Sample : PB130780BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SBLK80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

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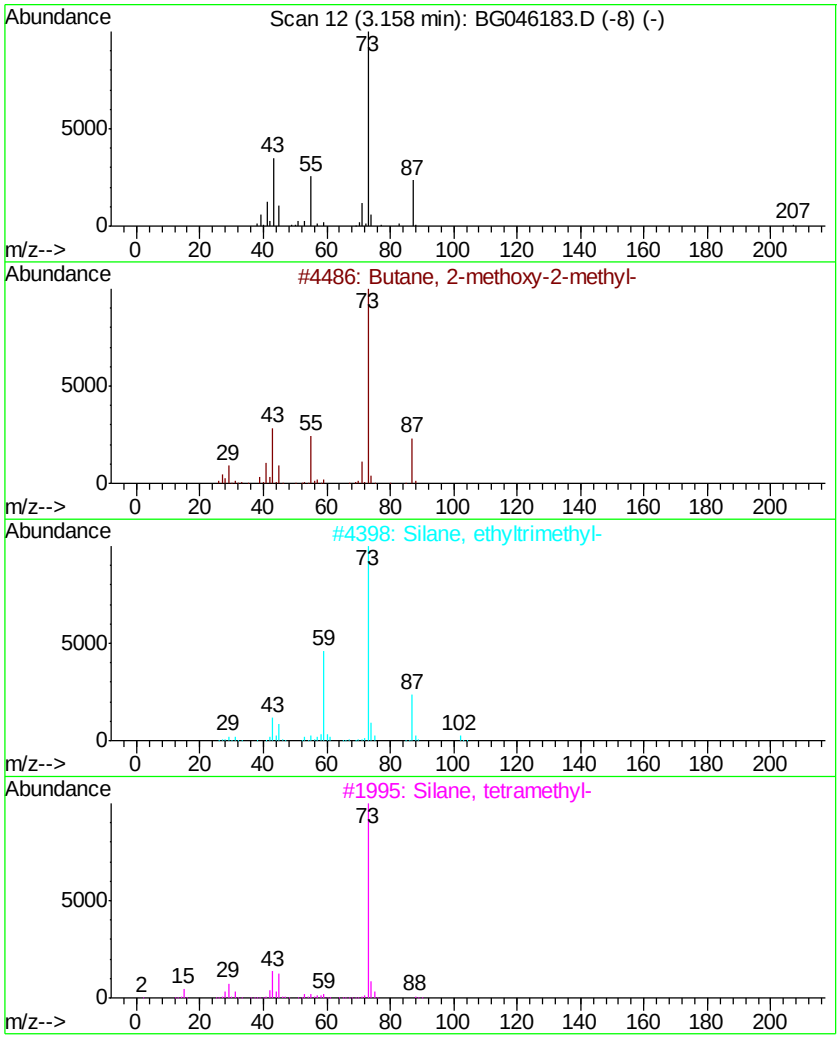
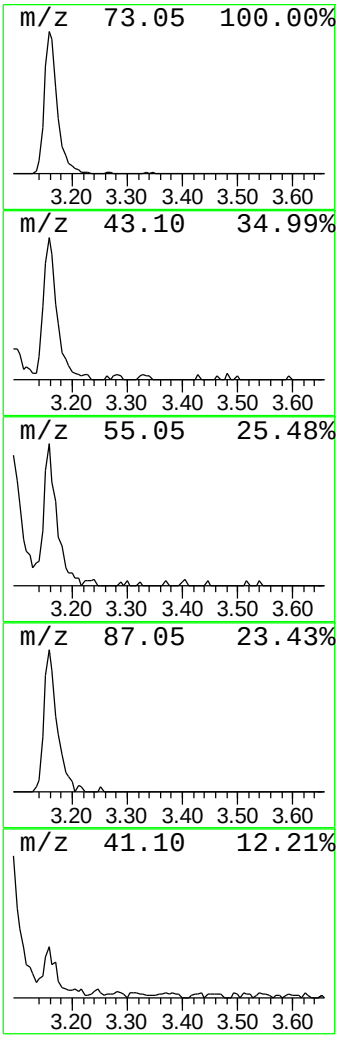
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	2.92 ng/ul	87417	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Quant Title : SVOA CALIBRATION

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

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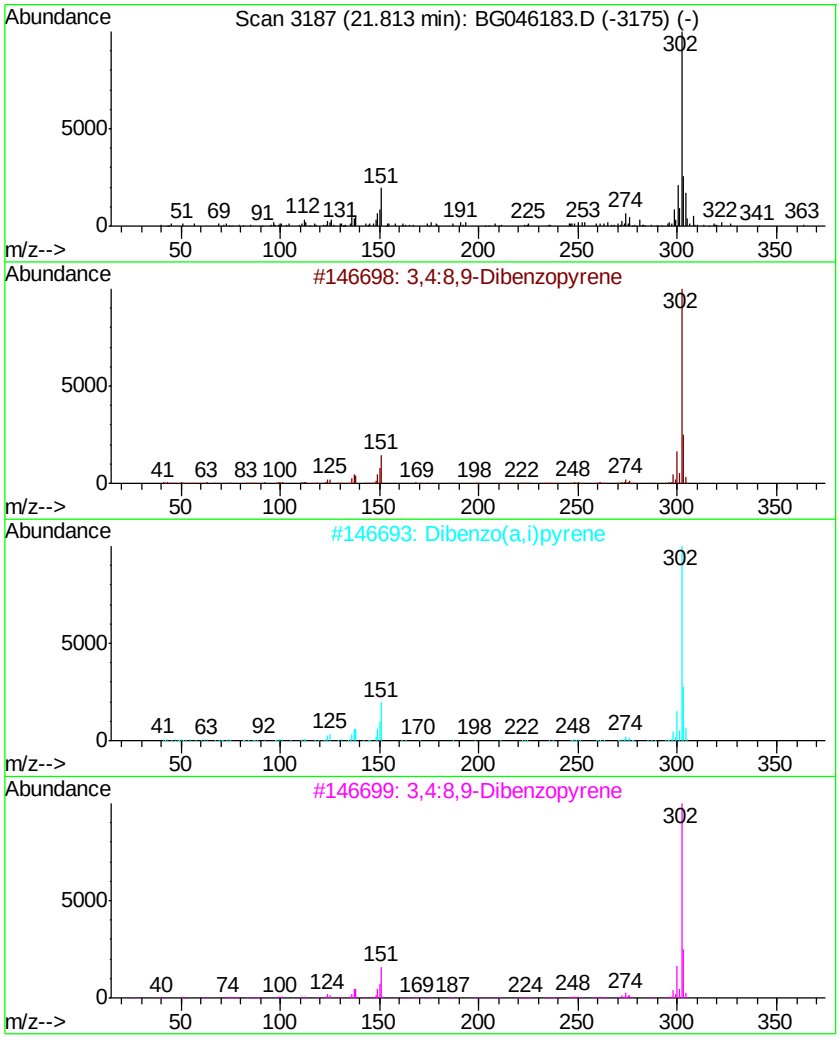
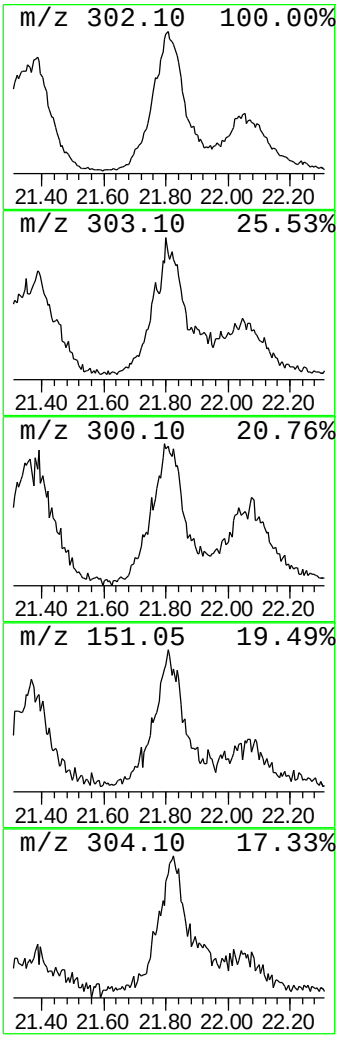
Peak Number 2 3,4:8,9-Dibenzopyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	3.72 ng/ul	343981	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	95
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	86
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	3.16	2.9	ng/ul	87417	1	7.95	598185	20.0
3,4:8,9-Dibenzopy...	21.81	3.7	ng/ul	343981	5	21.57	1850150	20.0