LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F4L07DL

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\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.990	81	85	91	rVV2	5441	10002	1.71%	0.143%
2	7.375	656	661	670	rVB3	6179	11185	1.91%	0.160%
3	7.516	676	685	692	rBV	23718	41350	7.08%	0.591%
4	7.733	717	722	733	rBV	22421	39225	6.71%	0.561%
5	8.203	793	802	811	rVB	135270	234208	40.09%	3.347%
6	8.926	919	925	934	rBV3	17302	33718	5.77%	0.482%
7	9.302	982	989	996	rVV3	3537	7672	1.31%	0.110%
8	9.384	996	1003	1014	rVB	33849	62360	10.67%	0.891%
9	9.560	1029	1033	1039	rBV3	8244	14536	2.49%	0.208%
10	10.107	1120	1126	1133	rVB2	23308	42452	7.27%	0.607%
11	10.659	1213	1220	1228	rBV	33606	62786	10.75%	0.897%
12	11.029	1276	1283	1296	rVV	197782	365258	62.52%	5.220%
13	11.176	1300	1308	1319	rVV	24918	51218	8.77%	0.732%
14	11.899	1424	1431	1437	rVB	5401	8717	1.49%	0.125%
15	12.140	1465	1472	1480	rVV2	18263	34899	5.97%	0.499%
16	12.574	1539	1546	1550	rBV	11256	20442	3.50%	0.292%
17	12.604	1550	1551	1558	rVV6	4377	7961	1.36%	0.114%
18	12.709	1565	1569	1575	rVV	18835	30470	5.22%	0.435%
19	12.774	1575	1580	1587	rVV4	10295	21445	3.67%	0.307%
20	12.986	1611	1616	1621	rBV4	5635	8031	1.37%	0.115%
21	13.174	1641	1648	1655	rBV2	19723	33206	5.68%	0.475%
22	13.268	1655	1664	1669	rVV6	13738	34117	5.84%	0.488%
23	13.356	1674	1679	1685	rVB2	15257	26034	4.46%	0.372%
24	13.573	1710	1716	1721	rVV3	12235	21508	3.68%	0.307%
25	13.626	1721	1725	1732	rVV	27817	49808	8.53%	0.712%
26	13.697	1734	1737	1743	rVB4	4658	7200	1.23%	0.103%
27	13.890	1761	1770	1775	rVB6	8739	21409	3.66%	0.306%
28	13.973	1781	1784	1788	rBV3	3241	6643	1.14%	0.095%
29	14.026	1790	1793	1798	rVV4	4536	7782	1.33%	0.111%
30	14.096	1799	1805	1812	rVV	26383	44345	7.59%	0.634%
31	14.161	1812	1816	1822	rVV4	15657	28151	4.82%	0.402%
32	14.225	1822	1827	1834	rVB	89343	130478	22.33%	1.865%
33	14.384	1848	1854	1858	rBV2	16385	27527	4.71%	0.393%
34	14.419	1858	1860	1865	rVV6	7978	10442	1.79%	0.149%
35	14.531	1873	1879	1890	rVB	97366	187702	32.13%	2.683%
36	14.778	1914	1921	1924	rBV4	6386	13984	2.39%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

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\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

37	14.836	1924	1931	1936	rBV	316172	495298	84.78%	7.079%
38	14.901	1936	1942	1948	rVB	333306	529780	90.69%	7.572%
39	15.142	1977	1983	1987	rVV2	10049	17241	2.95%	0.246%
40	15.230	1993	1998	2004	rVV	65093	103988	17.80%	1.486%
41	15.301	2007	2010	2014	rVB3	6415	7722	1.32%	0.110%
42	15.447	2030	2035	2040	rBV6	10403	18213	3.12%	0.260%
43	15.541	2048	2051	2057	rVB4	5992	10124	1.73%	0.145%
44	15.694	2072	2077	2084	rVB3	9467	17523	3.00%	0.250%
45	15.823	2093	2099	2104	rVV	119632	188813	32.32%	2.699%
46	15.882	2104	2109	2117	rVB2	79266	127022	21.74%	1.815%
47	15.964	2117	2123	2126	rBV6	12445	21606	3.70%	0.309%
48	16.011	2126	2131	2132	rVV4	13671	22234	3.81%	0.318%
49	16.035	2132	2135	2140	rVV4	19515	31396	5.37%	0.449%
50	16.082	2140	2143	2147	rVV4	11026	18653	3.19%	0.267%
51	16.129	2147	2151	2154	rVV5	11030	17912	3.07%	0.256%
52	16.170	2154	2158	2165	rVB3	13670	24034	4.11%	0.344%
53	16.276	2169	2176	2178	rBV4	14517	29309	5.02%	0.419%
54	16.317	2178	2183	2192	rVB5	25357	57478	9.84%	0.822%
55	16.505	2210	2215	2219	rVV6	4880	10038	1.72%	0.143%
56	16.564	2219	2225	2230	rVV2	31011	50460	8.64%	0.721%
57	16.675	2239	2244	2247	rBV2	9059	14341	2.45%	0.205%
58	16.740	2251	2255	2260	rVV7	6737	12549	2.15%	0.179%
59	16.834	2264	2271	2275	rVV8	8731	19174	3.28%	0.274%
60	16.875	2275	2278	2284	rVV4	8672	15531	2.66%	0.222%
61	16.940	2284	2289	2295	rVB5	11856	21681	3.71%	0.310%
62	17.034	2301	2305	2309	rBV5	5395	11408	1.95%	0.163%
63	17.151	2322	2325	2333	rVB5	6260	10230	1.75%	0.146%
64	17.310	2345	2352	2355	rBV7	7458	18899	3.24%	0.270%
65	17.404	2357	2368	2374	rBV2	55051	118469	20.28%	1.693%
66	17.469	2374	2379	2381	rBV5	13509	20912	3.58%	0.299%
67	17.527	2386	2389	2393	rVV3	17896	31120	5.33%	0.445%
68	17.586	2393	2399	2410	rVV	361984	578799	99.08%	8.273%
69	17.686	2410	2416	2428	rVB	133697	240473	41.16%	3.437%
70	17.792	2428	2434	2437	rBV8	6682	12767	2.19%	0.182%
71	17.921	2452	2456	2457	rBV4	8359	8731	1.49%	0.125%
72	17.956	2458	2462	2467	rVB3	11564	22342	3.82%	0.319%
73	18.232	2502	2509	2514	rBV7	15084	37888	6.49%	0.542%
74	18.279	2514	2517	2521	rBV3	5740	8053	1.38%	0.115%
75	18.350	2523	2529	2536	rVB10	12513	29152	4.99%	0.417%
76	18.426	2536	2542	2551	rBV3	25568	53759	9.20%	0.768%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

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\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

77	18.509	2551	2556	2564	rVB4	22925	47356	8.11%	0.677%
78	18.579	2564	2568	2573	rVB	18573	28624	4.90%	0.409%
79	18.655	2575	2581	2588	rVB2	26499	46073	7.89%	0.659%
80	18.732	2588	2594	2597	rBV3	20770	36224	6.20%	0.518%
81	18.808	2604	2607	2610	rBV4	11120	16346	2.80%	0.234%
82	18.890	2617	2621	2627	rVB2	14240	24088	4.12%	0.344%
83	18.949	2628	2631	2636	rVB4	6373	8587	1.47%	0.123%
84	19.002	2636	2640	2643	rBV6	7498	11080	1.90%	0.158%
85	19.161	2663	2667	2669	rBV3	9221	12970	2.22%	0.185%
86	19.208	2669	2675	2681	rVB8	10458	24448	4.18%	0.349%
87	19.472	2716	2720	2723	rBV6	5438	8287	1.42%	0.118%
88	19.566	2733	2736	2739	rBV4	7393	9846	1.69%	0.141%
89	19.631	2742	2747	2751	rVB	27794	40695	6.97%	0.582%
90	19.825	2775	2780	2784	rBV6	7773	15503	2.65%	0.222%
91	19.966	2798	2804	2815	rVB2	151405	254271	43.53%	3.634%
92	20.301	2858	2861	2863	rBV4	6328	7345	1.26%	0.105%
93	20.371	2869	2873	2878	rBV	11270	21518	3.68%	0.308%
94	20.436	2879	2884	2891	rVB	57373	94227	16.13%	1.347%
95	21.047	2984	2988	2991	rBV6	8645	15977	2.73%	0.228%
96	21.094	2991	2996	3004	rVB	47746	81356	13.93%	1.163%
97	21.364	3040	3042	3046	rBV4	6709	9133	1.56%	0.131%
98	21.887	3125	3131	3138	rBV2	309808	541411	92.68%	7.738%
99	25.060	3663	3671	3683	rVB2	70256	213694	36.58%	3.054%
100	25.295	3696	3711	3724	rVB2	184074	584194	100.00%	8.350%

Sum of corrected areas: 6996646

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
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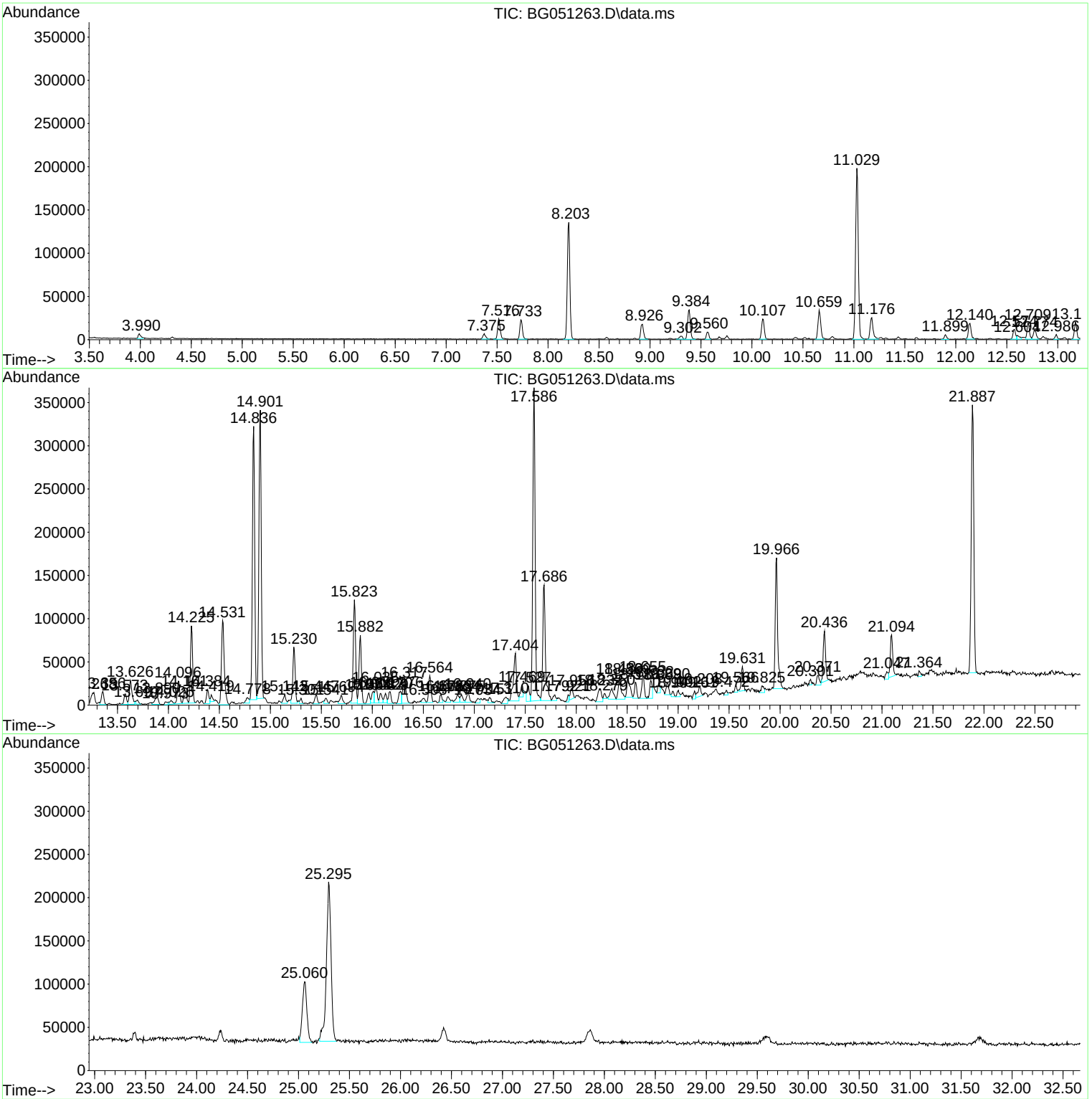
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
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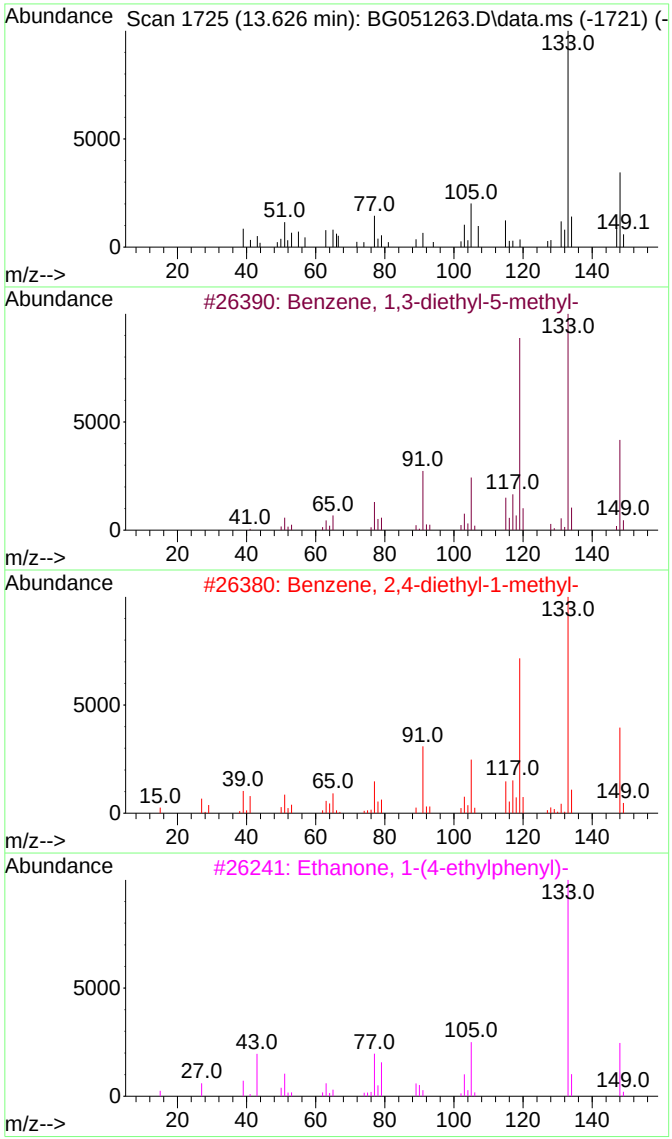
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

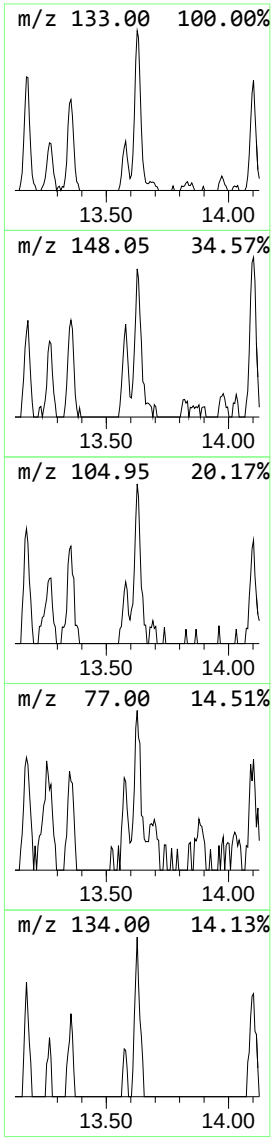
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	2.01 ng/ul	49808	Acenaphthene-d10	14.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	74
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	74
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

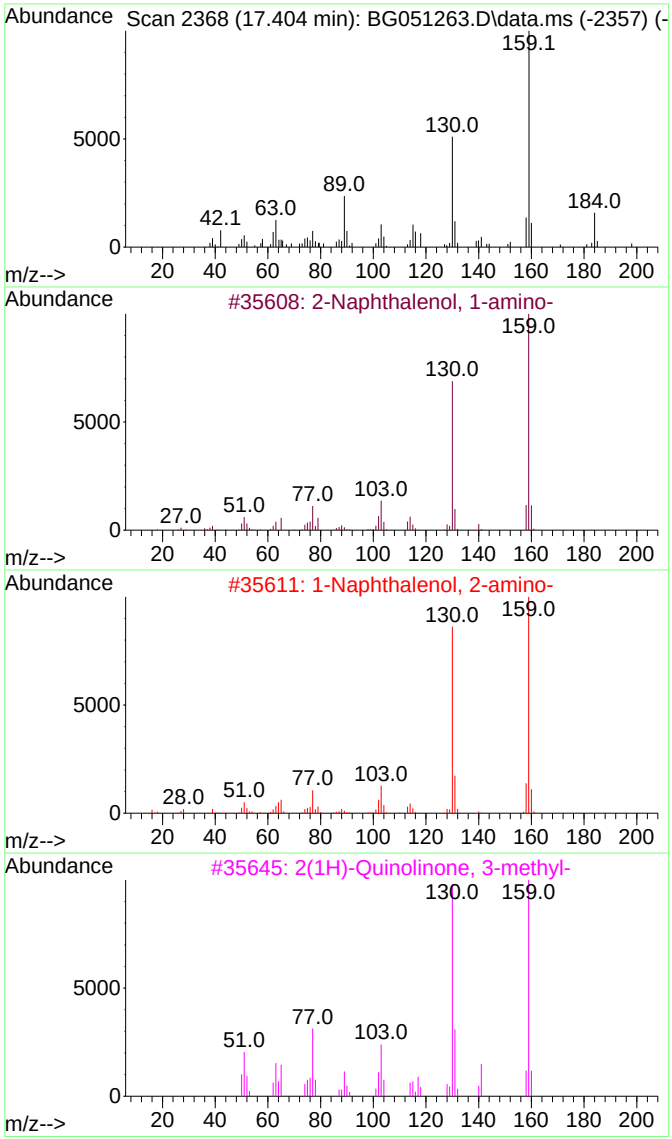
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

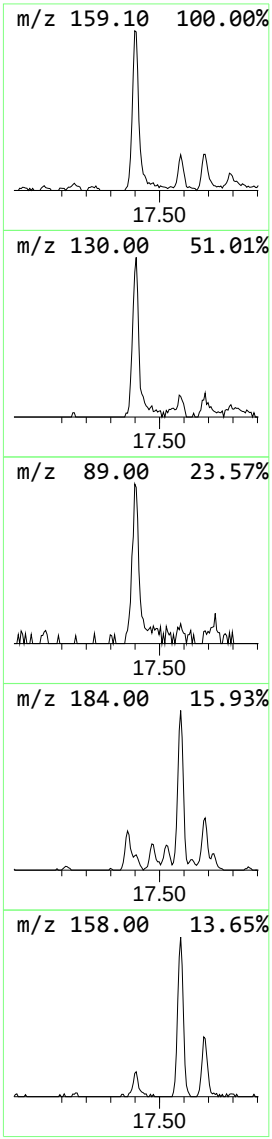
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Naphthalenol, 1-amino- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	4.09 ng/ul	118469	Phenanthrene-d10	17.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	81
2	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	81
3	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	81
4	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	81
5	3-Quinolinol, 2-methyl-	159	C10H9NO	000613-19-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

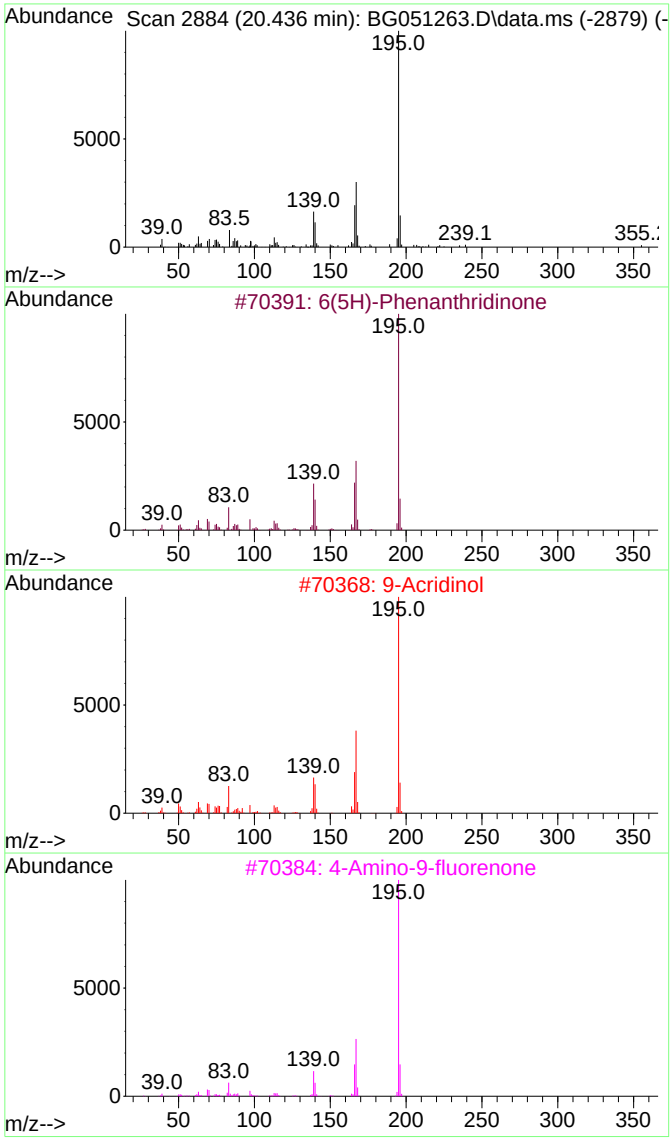
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

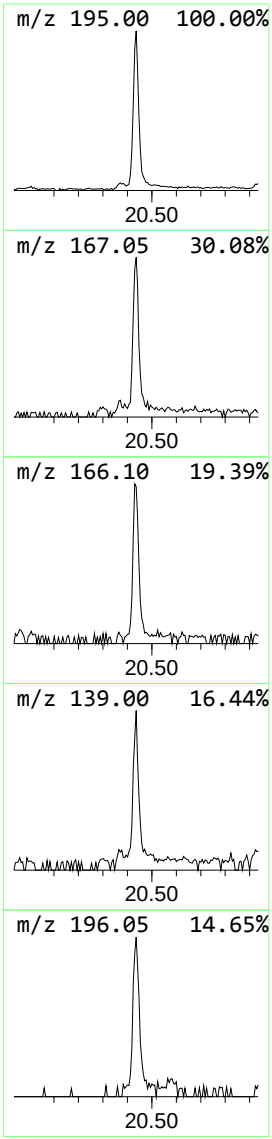
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 6(5H)-Phenanthridinone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.436	3.48 ng/ul	94227	Chrysene-d12	21.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	9-Acridinol	195	C13H9NO	000643-62-9	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	3-Acridinol	195	C13H9NO	007132-70-9	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

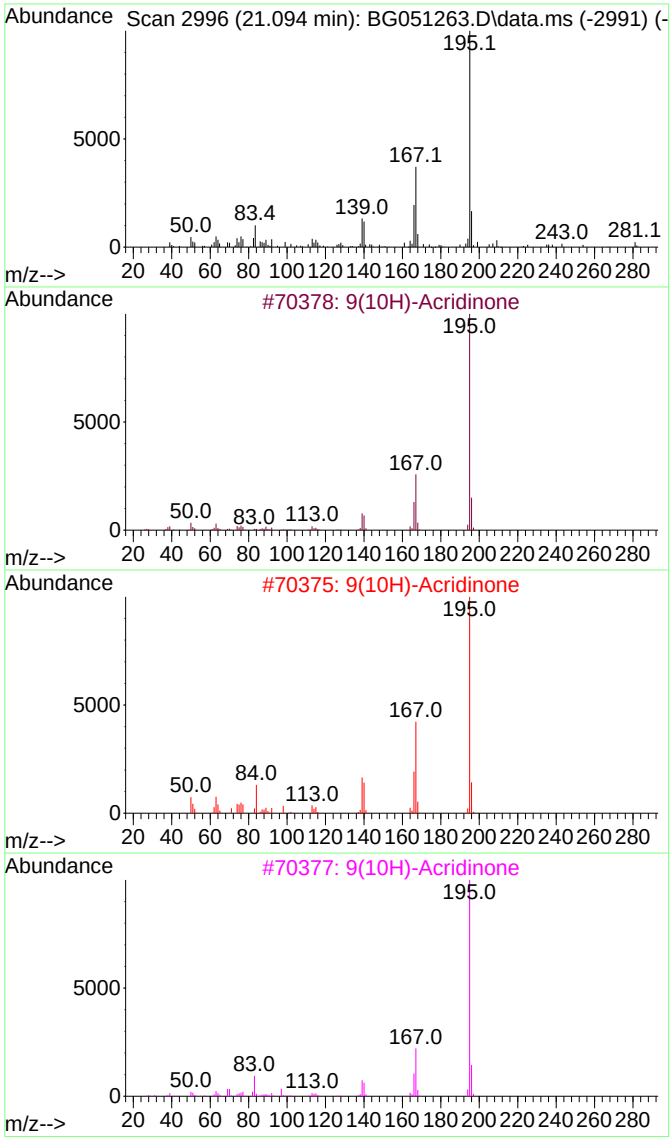
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

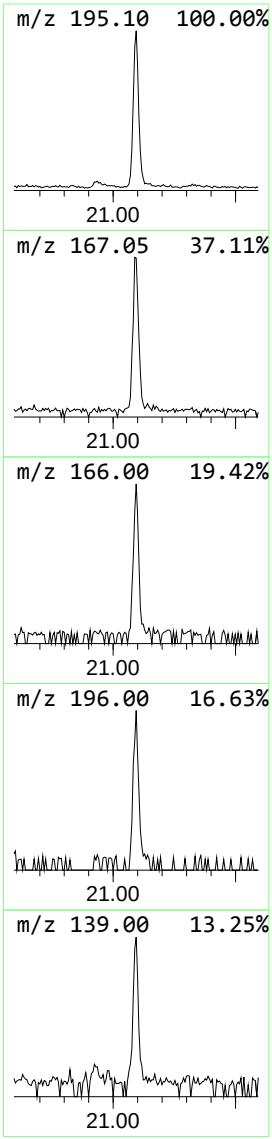
****

Peak Number 4 9(10H)-Acridinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.094	3.01 ng/ul	81356	Chrysene-d12	21.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
4	9-Acridinol	195	C13H9NO	000643-62-9	94
5	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051263.D
Acq On : 26 Nov 2021 18:42
Operator : CG/JU
Sample : M4725-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F4L07DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	13.626	2.0	ng/ul	49808	3	14.836	495298	20.0
2-Naphthalenol,...	17.404	4.1	ng/ul	118469	4	17.586	578799	20.0
6(5H)-Phenanthr...	20.436	3.5	ng/ul	94227	5	21.887	541411	20.0
9(10H)-Acridinone	21.094	3.0	ng/ul	81356	5	21.887	541411	20.0