LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

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-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG050119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.934	151	152	159	rBV4	1965	3438	0.57%	0.057%
2	7.135	692	697	701	rVB3	4108	7232	1.21%	0.120%
3	7.270	712	720	727	rBV	19224	34472	5.76%	0.573%
4	7.488	750	757	764	rVB2	18657	35403	5.91%	0.588%
5	7.952	830	836	843	rVB	104917	184569	30.82%	3.067%
6	8.322	891	899	906	rVV	60293	103961	17.36%	1.728%
7	8.680	955	960	967	rVB4	13266	24473	4.09%	0.407%
8	9.062	1022	1025	1028	rVV2	2206	3100	0.52%	0.052%
9	9.126	1030	1036	1044	rVB2	27012	53264	8.90%	0.885%
10	9.320	1064	1069	1074	rBV3	3717	5848	0.98%	0.097%
11	9.438	1085	1089	1097	rVB3	2886	6136	1.02%	0.102%
12	9.849	1153	1159	1169	rVV3	23230	42696	7.13%	0.710%
13	10.008	1181	1186	1192	rVB3	4703	7196	1.20%	0.120%
14	10.160	1206	1212	1219	rBV	17896	29801	4.98%	0.495%
15	10.407	1247	1254	1262	rBV2	27463	53338	8.91%	0.886%
16	10.771	1308	1316	1322	rBV	150601	264336	44.15%	4.393%
17	10.818	1322	1324	1330	rVB3	4310	5577	0.93%	0.093%
18	10.912	1334	1340	1348	rBV2	21862	40906	6.83%	0.680%
19	11.882	1499	1505	1509	rBV4	4677	8898	1.49%	0.148%
20	12.328	1576	1581	1588	rBV2	9860	16943	2.83%	0.282%
21	12.434	1594	1599	1605	rVB	34115	51475	8.60%	0.855%
22	12.551	1611	1619	1620	rBV2	3905	5679	0.95%	0.094%
23	12.651	1626	1636	1646	rVB	93611	166684	27.84%	2.770%
24	13.644	1801	1805	1807	rBV	4894	8090	1.35%	0.134%
25	13.779	1820	1828	1835	rVB4	8373	18085	3.02%	0.301%
26	13.932	1848	1854	1860	rVV3	21095	37824	6.32%	0.629%
27	14.014	1860	1868	1875	rVV	75446	128261	21.42%	2.131%
28	14.167	1889	1894	1898	rBV3	10506	18258	3.05%	0.303%
29	14.202	1898	1900	1905	rVB2	7072	6906	1.15%	0.115%
30	14.308	1912	1918	1928	rVB	76489	139552	23.31%	2.319%
31	14.613	1961	1970	1975	rBV	248992	382300	63.85%	6.353%
32	14.678	1975	1981	1988	rVV	388194	598780	100.00%	9.951%
33	14.836	2001	2008	2010	rBV3	3111	4436	0.74%	0.074%
34	14.883	2012	2016	2018	rVV4	2521	4071	0.68%	0.068%
35	14.919	2019	2022	2029	rVB3	6342	10369	1.73%	0.172%
36	15.013	2033	2038	2045	rBV	31881	50113	8.37%	0.833%

LSC Area Percent Report

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Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

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-BG081921.M
Title : SVOA CALIBRATION

37	15.095	2048	2052	2054	rBV3	2496	3259	0.54%	0.054%
38	15.224	2070	2074	2080	rBV6	4687	8443	1.41%	0.140%
39	15.606	2134	2139	2144	rVV	104800	161064	26.90%	2.677%
40	15.665	2144	2149	2157	rVB	120757	184481	30.81%	3.066%
41	15.753	2160	2164	2167	rBV5	19405	31856	5.32%	0.529%
42	15.788	2167	2170	2173	rVV3	16258	21816	3.64%	0.363%
43	15.817	2173	2175	2180	rVV4	12949	18890	3.15%	0.314%
44	15.864	2181	2183	2187	rVV3	4535	7053	1.18%	0.117%
45	15.911	2187	2191	2195	rVV3	5675	8723	1.46%	0.145%
46	15.958	2195	2199	2204	rVB2	10906	15549	2.60%	0.258%
47	16.099	2220	2223	2232	rVB5	9940	20500	3.42%	0.341%
48	16.176	2232	2236	2238	rBV2	3810	5446	0.91%	0.091%
49	16.340	2259	2264	2275	rVB2	29286	50611	8.45%	0.841%
50	16.458	2280	2284	2289	rVB2	11799	15175	2.53%	0.252%
51	16.628	2310	2313	2314	rVV	2845	3517	0.59%	0.058%
52	16.646	2314	2316	2317	rVV2	3606	3383	0.56%	0.056%
53	16.669	2317	2320	2324	rVV3	6246	8933	1.49%	0.148%
54	16.722	2324	2329	2335	rVV5	5203	10176	1.70%	0.169%
55	16.822	2343	2346	2349	rVV2	3590	4410	0.74%	0.073%
56	17.186	2399	2408	2413	rVB3	12332	22509	3.76%	0.374%
57	17.368	2433	2439	2443	rBV	304405	448134	74.84%	7.447%
58	17.409	2443	2446	2451	rVB	54035	74472	12.44%	1.238%
59	17.468	2451	2456	2460	rBV	123979	177431	29.63%	2.949%
60	17.568	2469	2473	2476	rBV4	4935	6526	1.09%	0.108%
61	17.738	2497	2502	2505	rBV3	2438	4302	0.72%	0.071%
62	17.774	2505	2508	2513	rVB2	3791	5000	0.84%	0.083%
63	17.821	2513	2516	2521	rBV2	3003	4506	0.75%	0.075%
64	18.003	2544	2547	2548	rBV3	4904	5327	0.89%	0.089%
65	18.014	2548	2549	2555	rVV3	6850	7060	1.18%	0.117%
66	18.079	2555	2560	2564	rVV4	5775	8155	1.36%	0.136%
67	18.120	2564	2567	2572	rVB4	2122	4055	0.68%	0.067%
68	18.208	2578	2582	2585	rBV3	4532	4880	0.81%	0.081%
69	18.291	2592	2596	2602	rBV2	24446	33005	5.51%	0.548%
70	18.373	2605	2610	2615	rBV3	5550	9490	1.58%	0.158%
71	18.443	2615	2622	2626	rBV2	17309	29239	4.88%	0.486%
72	18.549	2633	2640	2644	rBV6	10672	23184	3.87%	0.385%
73	18.590	2644	2647	2651	rVV	14564	21210	3.54%	0.352%
74	18.637	2651	2655	2656	rVV4	5744	7522	1.26%	0.125%
75	18.684	2659	2663	2669	rVV4	18260	33636	5.62%	0.559%
76	18.737	2669	2672	2676	rVV3	6770	11731	1.96%	0.195%

LSC Area Percent Report

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Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

77	18.790	2677	2681	2685	rVV3	8104	14368	2.40%	0.239%
78	18.825	2685	2687	2690	rVV3	3877	4896	0.82%	0.081%
79	18.954	2706	2709	2711	rBV3	3936	3801	0.63%	0.063%
80	19.066	2725	2728	2733	rBV5	3061	3918	0.65%	0.065%
81	19.272	2761	2763	2766	rVV4	4031	4034	0.67%	0.067%
82	19.366	2777	2779	2781	rVV3	3646	3733	0.62%	0.062%
83	19.424	2784	2789	2795	rVV2	28929	41728	6.97%	0.693%
84	19.524	2804	2806	2809	rVB3	3773	4223	0.71%	0.070%
85	19.577	2813	2815	2818	rVB2	2440	2969	0.50%	0.049%
86	19.624	2820	2823	2825	rBV3	3185	3026	0.51%	0.050%
87	19.759	2841	2846	2857	rVV2	157893	241751	40.37%	4.017%
88	19.982	2880	2884	2886	rBV2	2576	3529	0.59%	0.059%
89	20.112	2903	2906	2909	rBV4	2570	2914	0.49%	0.048%
90	20.159	2909	2914	2919	rVV2	34489	62503	10.44%	1.039%
91	20.223	2922	2925	2931	rVB	28229	41815	6.98%	0.695%
92	20.329	2938	2943	2948	rBV	34192	50166	8.38%	0.834%
93	20.652	2995	2998	3003	rVB5	6991	7556	1.26%	0.126%
94	20.711	3003	3008	3011	rBV7	6088	10914	1.82%	0.181%
95	20.834	3025	3029	3031	rBV4	8506	11636	1.94%	0.193%
96	20.875	3032	3036	3045	rVB	88595	131027	21.88%	2.177%
97	21.639	3159	3166	3175	rBV2	334785	522803	87.31%	8.688%
98	23.266	3441	3443	3446	rBV4	4852	7000	1.17%	0.116%
99	24.635	3668	3676	3685	rVB2	76725	206272	34.45%	3.428%
100	24.852	3702	3713	3725	rBV	189782	543757	90.81%	9.036%

Sum of corrected areas: 6017468

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
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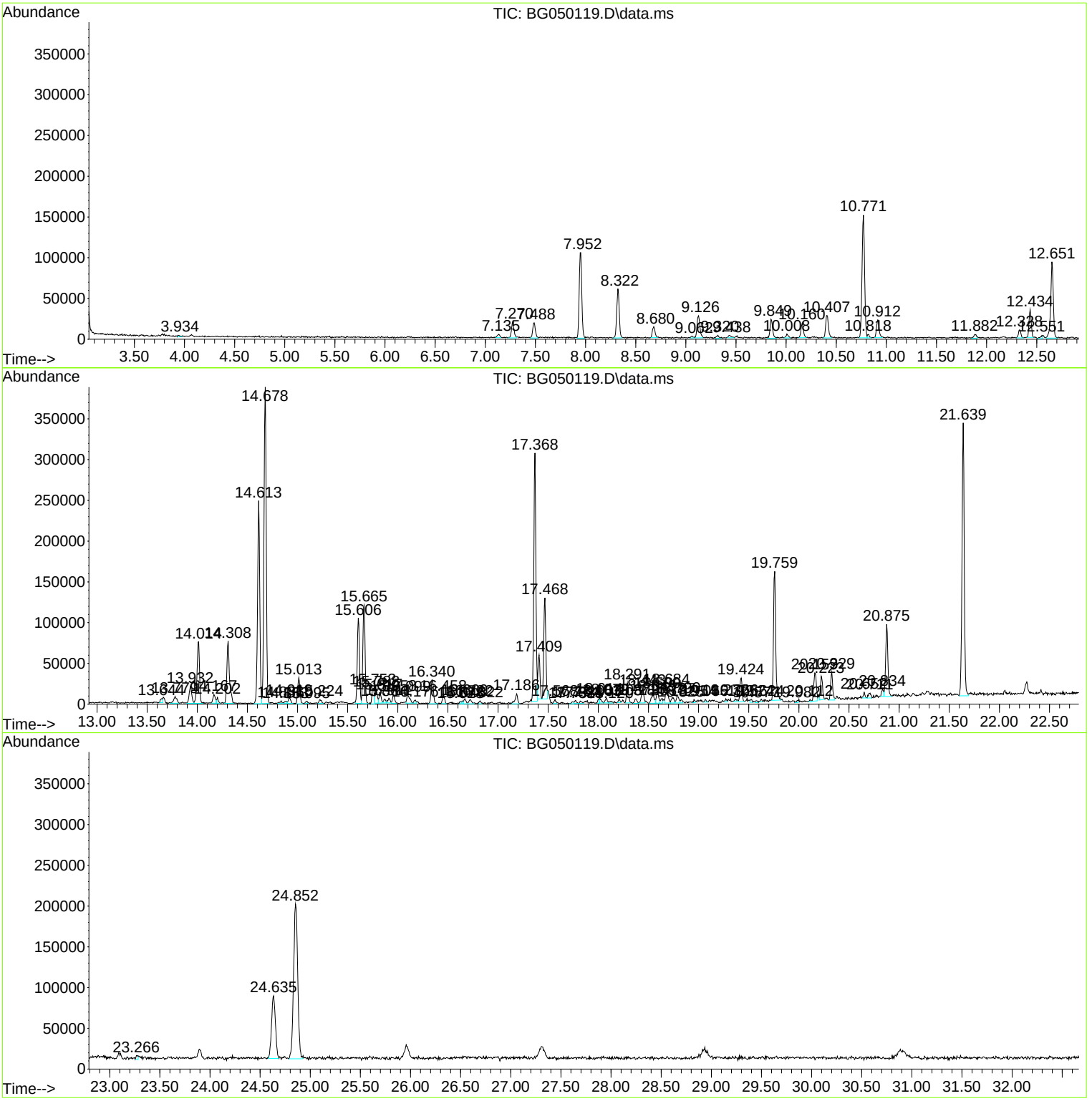
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKE7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

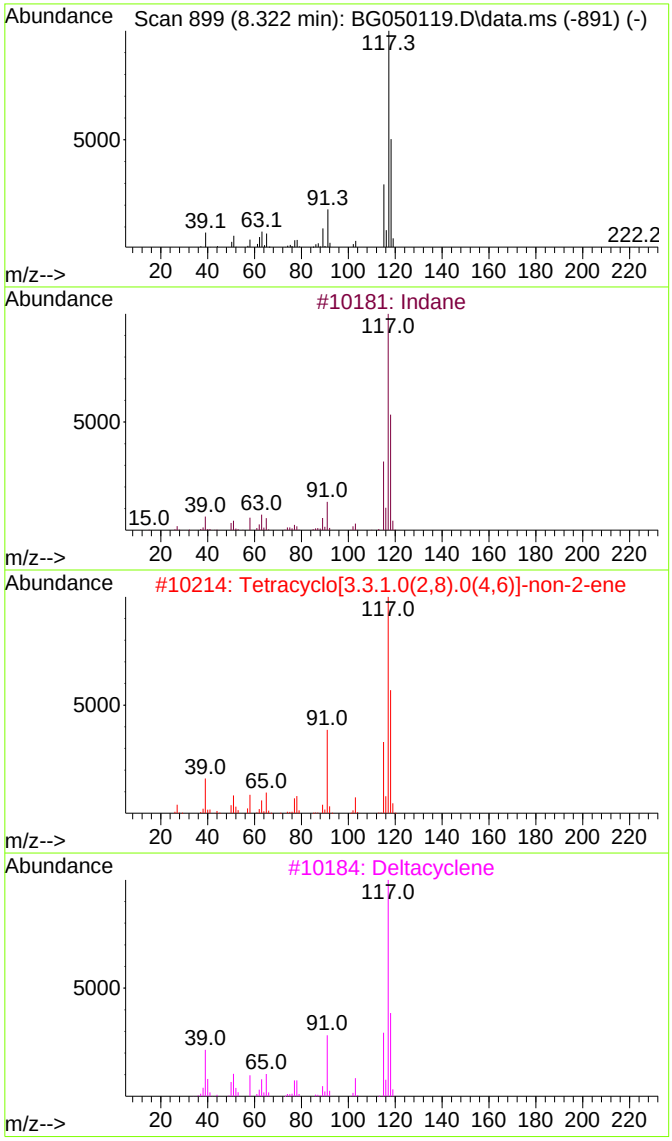
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

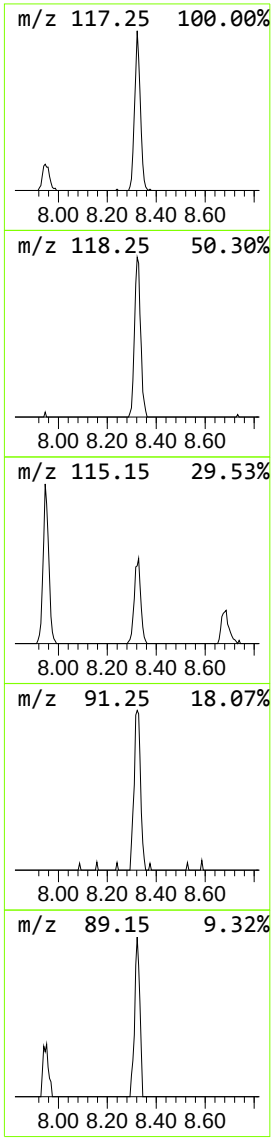
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	11.27 ng/ul	103961	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3	Deltacyclene	118	C9H10	007785-10-6	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

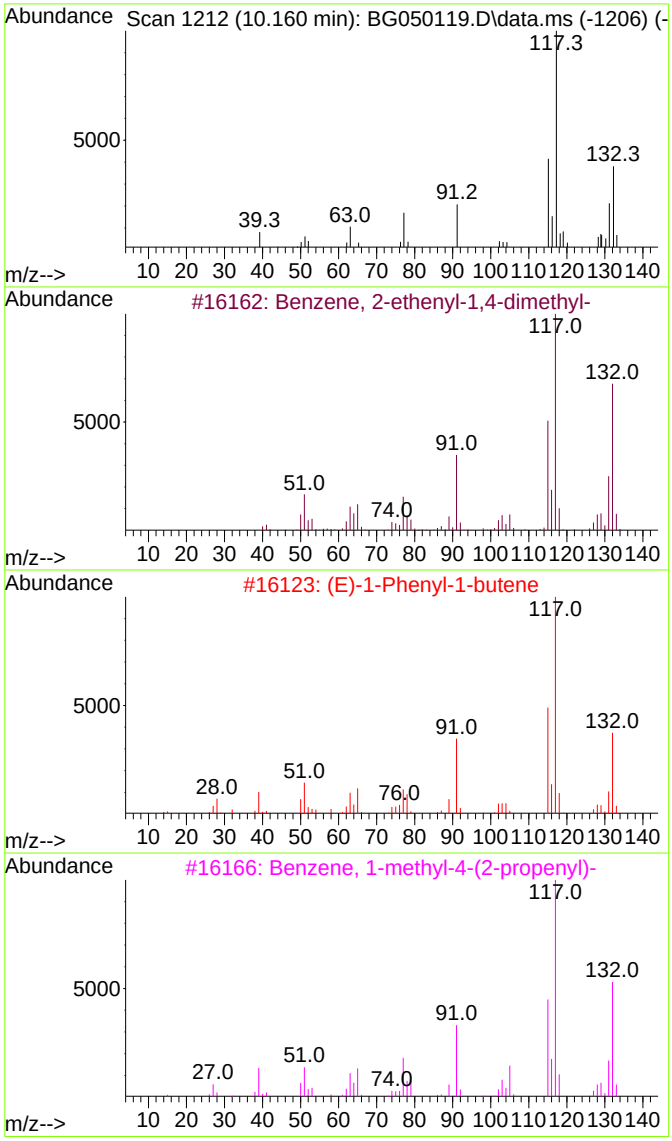
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

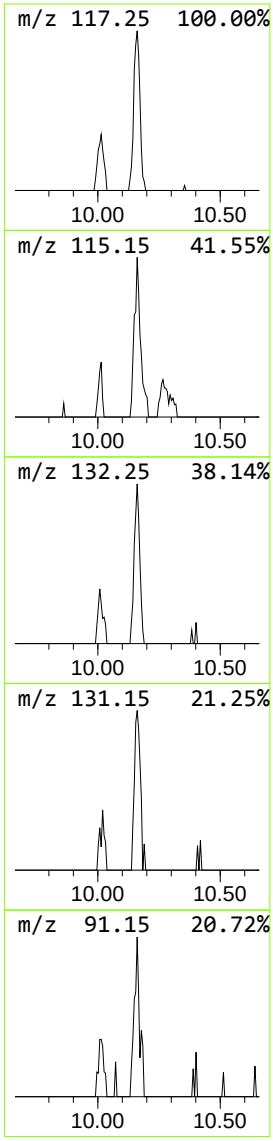
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.160	2.25 ng/ul	29801	Naphthalene-d8	10.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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

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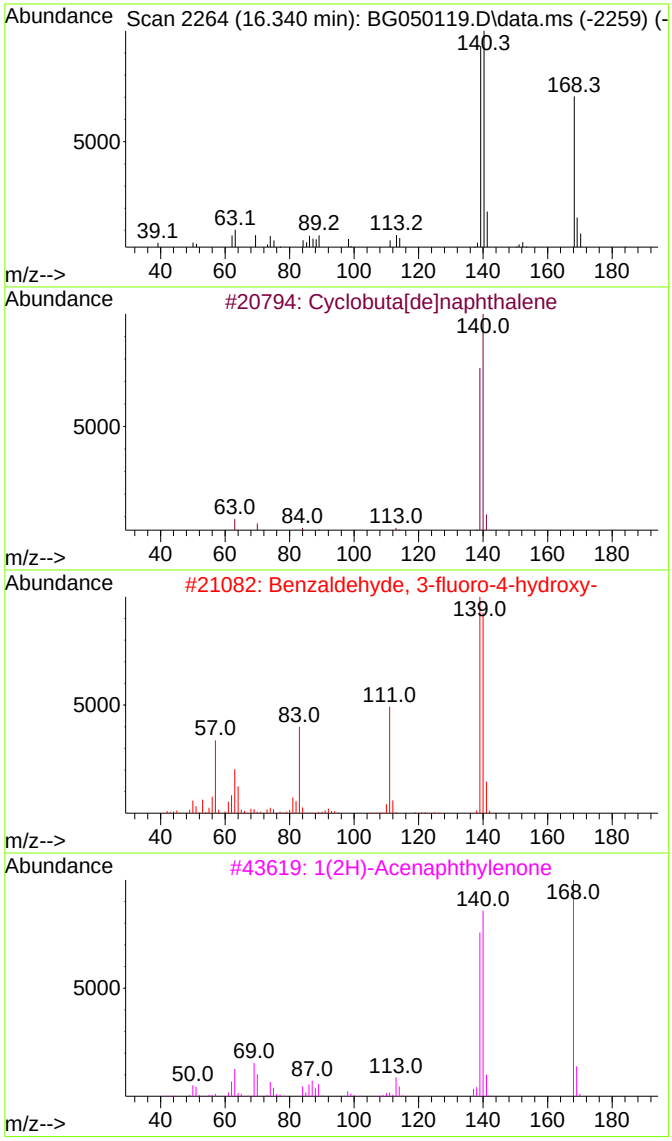
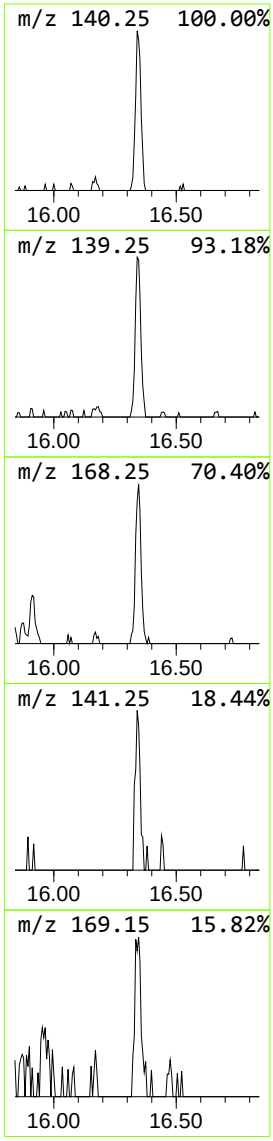
Peak Number 3 Cyclobuta[de]naphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.340	2.26 ng/ul	50611	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
2	Benzaldehyde, 3-fluoro-4-hydroxy-	140	C7H5FO2	000405-05-0	53
3	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
4	Dibenzofuran	168	C12H8O	000132-64-9	43
5	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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Acq On : 3 Sep 2021 6:45
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

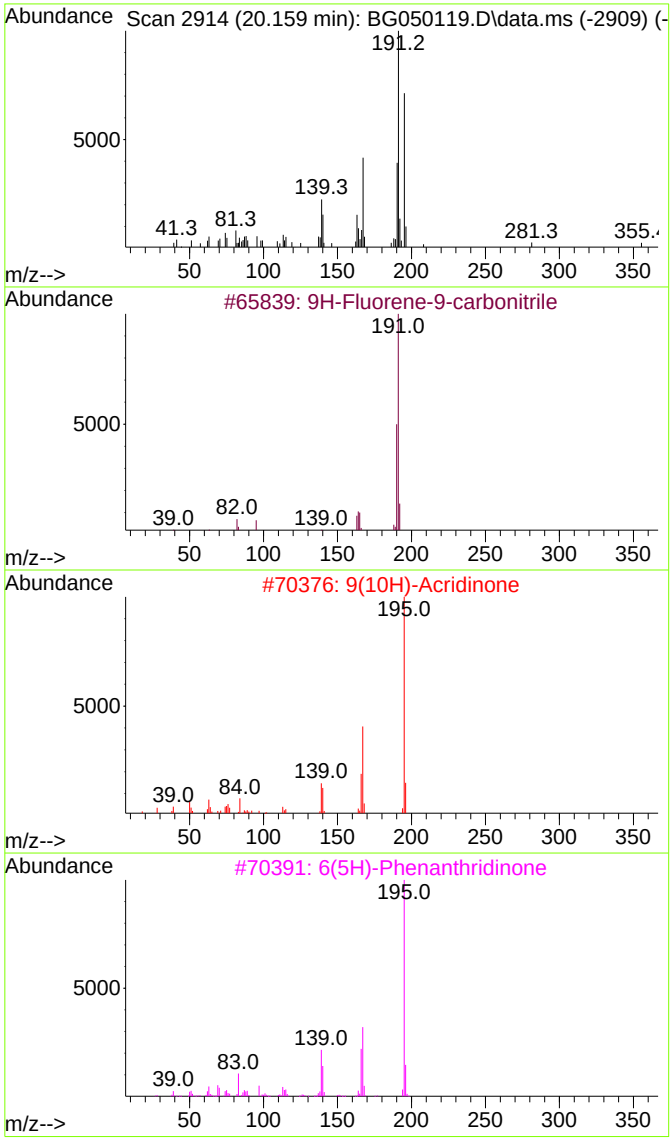
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

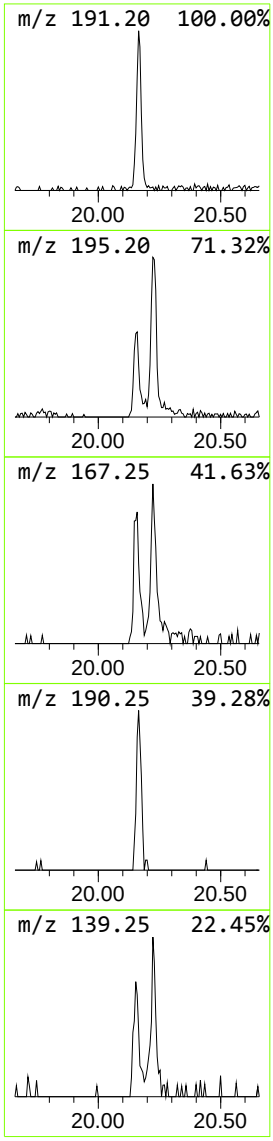
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.159	2.39 ng/ul	62503	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	49
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	42
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	42
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	42
5	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

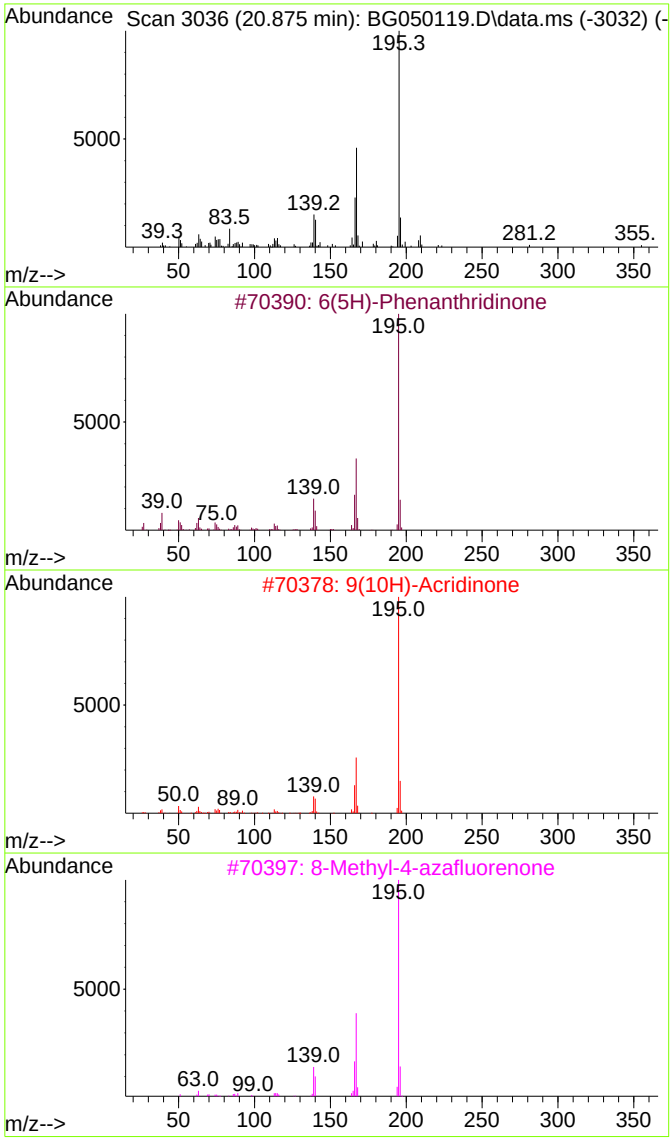
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

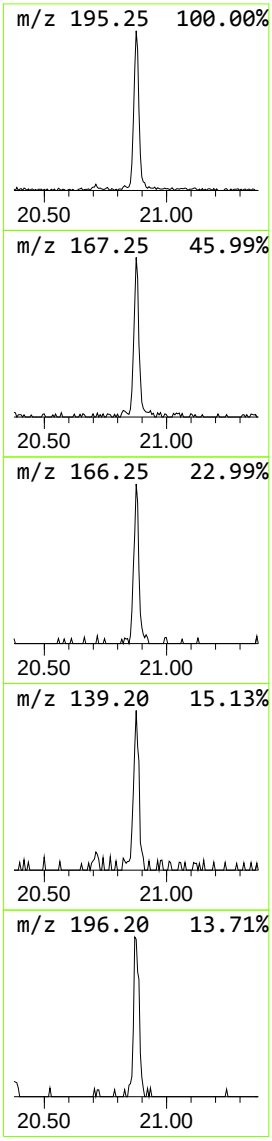
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.875	5.01 ng/ul	131027	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
3	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	9-Acridinol	195	C13H9NO	000643-62-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBKE7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.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
Indane	8.322	11.3	ng/ul	103961	1	7.952	184569	20.0
Benzene, 2-ethe...	10.160	2.3	ng/ul	29801	2	10.771	264336	20.0
Cyclobuta[de]na...	16.340	2.3	ng/ul	50611	4	17.368	448134	20.0
unknown-01	20.159	2.4	ng/ul	62503	5	21.639	522803	20.0
6(5H)-Phenanthr...	20.875	5.0	ng/ul	131027	5	21.639	522803	20.0