LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCKI5DL

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_P\Methods\SFAM-EPA-BP111023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.699	101	104	107	rBV3	7316	10116	0.63%	0.063%
2	3.775	115	117	121	rVB5	7964	8137	0.51%	0.050%
3	3.958	145	148	154	rVB4	6255	7501	0.47%	0.046%
4	4.305	205	207	213	rVB5	3432	5165	0.32%	0.032%
5	4.893	304	307	311	rVB4	6871	8231	0.51%	0.051%
6	6.911	644	650	657	rBV4	3138	7268	0.45%	0.045%
7	7.034	666	671	680	rBV2	25119	72524	4.53%	0.449%
8	7.199	694	699	706	rBV2	24902	45604	2.85%	0.282%
9	7.375	724	729	739	rBV2	37607	73208	4.57%	0.453%
10	7.840	802	808	819	rBV	338962	585878	36.59%	3.627%
11	8.199	863	869	876	rVB7	6027	11264	0.70%	0.070%
12	8.593	929	936	947	rBV2	28390	80593	5.03%	0.499%
13	8.722	951	958	971	rVB	34272	73915	4.62%	0.458%
14	9.063	1009	1016	1027	rBV2	33253	74801	4.67%	0.463%
15	9.775	1129	1137	1147	rBV3	25358	59802	3.73%	0.370%
16	10.028	1175	1180	1185	rBV9	2899	6645	0.41%	0.041%
17	10.334	1225	1232	1241	rBV5	25069	75395	4.71%	0.467%
18	10.663	1281	1288	1293	rBV	468188	796203	49.72%	4.929%
19	10.716	1293	1297	1306	rVB	64225	118750	7.42%	0.735%
20	10.881	1316	1325	1331	rBV6	11317	33902	2.12%	0.210%
21	12.004	1512	1516	1523	rVV9	2627	5414	0.34%	0.034%
22	12.346	1567	1574	1581	rBV	17218	33566	2.10%	0.208%
23	12.557	1603	1610	1616	rBV	12738	24243	1.51%	0.150%
24	12.957	1672	1678	1681	rBV8	3121	5117	0.32%	0.032%
25	13.263	1726	1730	1736	rVB9	3694	6587	0.41%	0.041%
26	13.357	1741	1746	1754	rVV3	19310	34796	2.17%	0.215%
27	13.675	1796	1800	1801	rBV4	4779	5045	0.32%	0.031%
28	13.834	1821	1827	1831	rBV6	6402	12166	0.76%	0.075%
29	13.898	1833	1838	1841	rBV6	6034	12923	0.81%	0.080%
30	13.945	1841	1846	1854	rVB	89236	135210	8.44%	0.837%
31	14.069	1863	1867	1871	rBV6	6444	10061	0.63%	0.062%
32	14.222	1885	1893	1906	rBV	106784	195558	12.21%	1.211%
33	14.345	1910	1914	1918	rVV7	4672	6381	0.40%	0.040%
34	14.516	1936	1943	1950	rBV	644629	978356	61.10%	6.057%
35	14.587	1950	1955	1962	rVV	73314	113952	7.12%	0.705%
36	14.640	1962	1964	1970	rVB7	3474	5614	0.35%	0.035%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
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Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

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_P\Methods\SFAM-EPA-BP111023.MA.M
Title : SVOA CALIBRATION

37	14.716	1972	1977	1979	rBV6	5177	9446	0.59%	0.058%
38	14.781	1984	1988	1992	rVV6	3149	5613	0.35%	0.035%
39	14.928	2000	2013	2021	rBV	55691	115949	7.24%	0.718%
40	14.992	2022	2024	2027	rVV3	7509	7621	0.48%	0.047%
41	15.134	2042	2048	2053	rBV10	5120	10197	0.64%	0.063%
42	15.181	2053	2056	2061	rVB7	4351	6330	0.40%	0.039%
43	15.304	2072	2077	2080	rBV6	8580	11676	0.73%	0.072%
44	15.522	2106	2114	2120	rBV	147068	224752	14.04%	1.391%
45	15.581	2120	2124	2136	rVB	87627	143011	8.93%	0.885%
46	15.698	2136	2144	2149	rBV5	28512	58822	3.67%	0.364%
47	15.869	2170	2173	2178	rVB	16618	23984	1.50%	0.148%
48	16.022	2193	2199	2207	rBV2	18977	42466	2.65%	0.263%
49	16.116	2211	2215	2219	rBV6	6218	9697	0.61%	0.060%
50	16.175	2221	2225	2230	rBV2	20862	33625	2.10%	0.208%
51	16.298	2241	2246	2249	rBV6	6148	8928	0.56%	0.055%
52	16.557	2284	2290	2291	rBV6	7613	11066	0.69%	0.069%
53	16.587	2292	2295	2300	rVV3	13189	18301	1.14%	0.113%
54	16.639	2300	2304	2309	rVB9	6181	8615	0.54%	0.053%
55	16.739	2317	2321	2325	rVB6	6376	8630	0.54%	0.053%
56	16.804	2325	2332	2336	rBV6	14001	28584	1.79%	0.177%
57	16.845	2336	2339	2342	rVB5	8241	10122	0.63%	0.063%
58	16.969	2351	2360	2364	rBV9	15512	36036	2.25%	0.223%
59	17.010	2364	2367	2371	rVV2	12684	16031	1.00%	0.099%
60	17.122	2379	2386	2393	rVB2	36985	60474	3.78%	0.374%
61	17.216	2398	2402	2405	rBV6	3695	6051	0.38%	0.037%
62	17.298	2410	2416	2420	rBV	743361	1042999	65.14%	6.457%
63	17.339	2420	2423	2429	rVV	548535	785719	49.07%	4.864%
64	17.398	2429	2433	2437	rVV	133952	221390	13.83%	1.371%
65	17.439	2437	2440	2448	rVV	138885	212248	13.26%	1.314%
66	17.522	2450	2454	2459	rVB2	14552	24212	1.51%	0.150%
67	17.739	2481	2491	2498	rBV3	28857	77704	4.85%	0.481%
68	17.816	2500	2504	2507	rVB2	15816	20687	1.29%	0.128%
69	17.881	2513	2515	2517	rBV3	7917	6981	0.44%	0.043%
70	18.022	2535	2539	2545	rBV8	6692	12388	0.77%	0.077%
71	18.163	2556	2563	2568	rBV2	53385	112348	7.02%	0.696%
72	18.216	2568	2572	2582	rVV	56596	92188	5.76%	0.571%
73	18.298	2582	2586	2591	rVV	23041	34494	2.15%	0.214%
74	18.363	2591	2597	2601	rVV2	163676	259303	16.19%	1.605%
75	18.392	2601	2602	2611	rVB2	41862	53363	3.33%	0.330%
76	18.657	2643	2647	2652	rBV	45306	58875	3.68%	0.364%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Title : SVOA CALIBRATION

77	18.733	2656	2660	2669	rVB7	20788	48560	3.03%	0.301%
78	18.892	2683	2687	2692	rBV6	9957	15291	0.95%	0.095%
79	18.933	2692	2694	2698	rBV3	11461	10915	0.68%	0.068%
80	18.980	2698	2702	2704	rBV2	18751	23649	1.48%	0.146%
81	19.051	2711	2714	2718	rBV3	24339	31262	1.95%	0.194%
82	19.222	2739	2743	2749	rVB	68500	91299	5.70%	0.565%
83	19.322	2755	2760	2767	rBV	1214683	1566500	97.83%	9.698%
84	19.563	2798	2801	2810	rVB2	46372	76439	4.77%	0.473%
85	19.651	2810	2816	2818	rBV2	324293	507663	31.70%	3.143%
86	19.680	2818	2821	2828	rVV	981203	1238577	77.35%	7.668%
87	19.745	2828	2832	2836	rVB2	37786	52680	3.29%	0.326%
88	19.857	2847	2851	2855	rBV	62798	80448	5.02%	0.498%
89	19.939	2863	2865	2868	rBV2	14861	15279	0.95%	0.095%
90	19.998	2870	2875	2882	rVB4	55419	124598	7.78%	0.771%
91	20.163	2900	2903	2909	rVB	115854	161895	10.11%	1.002%
92	20.263	2916	2920	2923	rBV2	106718	139054	8.68%	0.861%
93	20.457	2950	2953	2956	rBV	50975	58954	3.68%	0.365%
94	21.075	3054	3058	3061	rBV	87980	127918	7.99%	0.792%
95	21.145	3067	3070	3076	rBV2	62400	94369	5.89%	0.584%
96	21.427	3111	3118	3122	rBV2	935839	1601232	100.00%	9.913%
97	21.469	3122	3125	3130	rVB	298878	381618	23.83%	2.363%
98	23.157	3406	3412	3418	rBV	261085	660345	41.24%	4.088%
99	23.704	3501	3505	3510	rBV	118661	208452	13.02%	1.290%
100	23.927	3537	3543	3550	rBV	603097	1165005	72.76%	7.212%

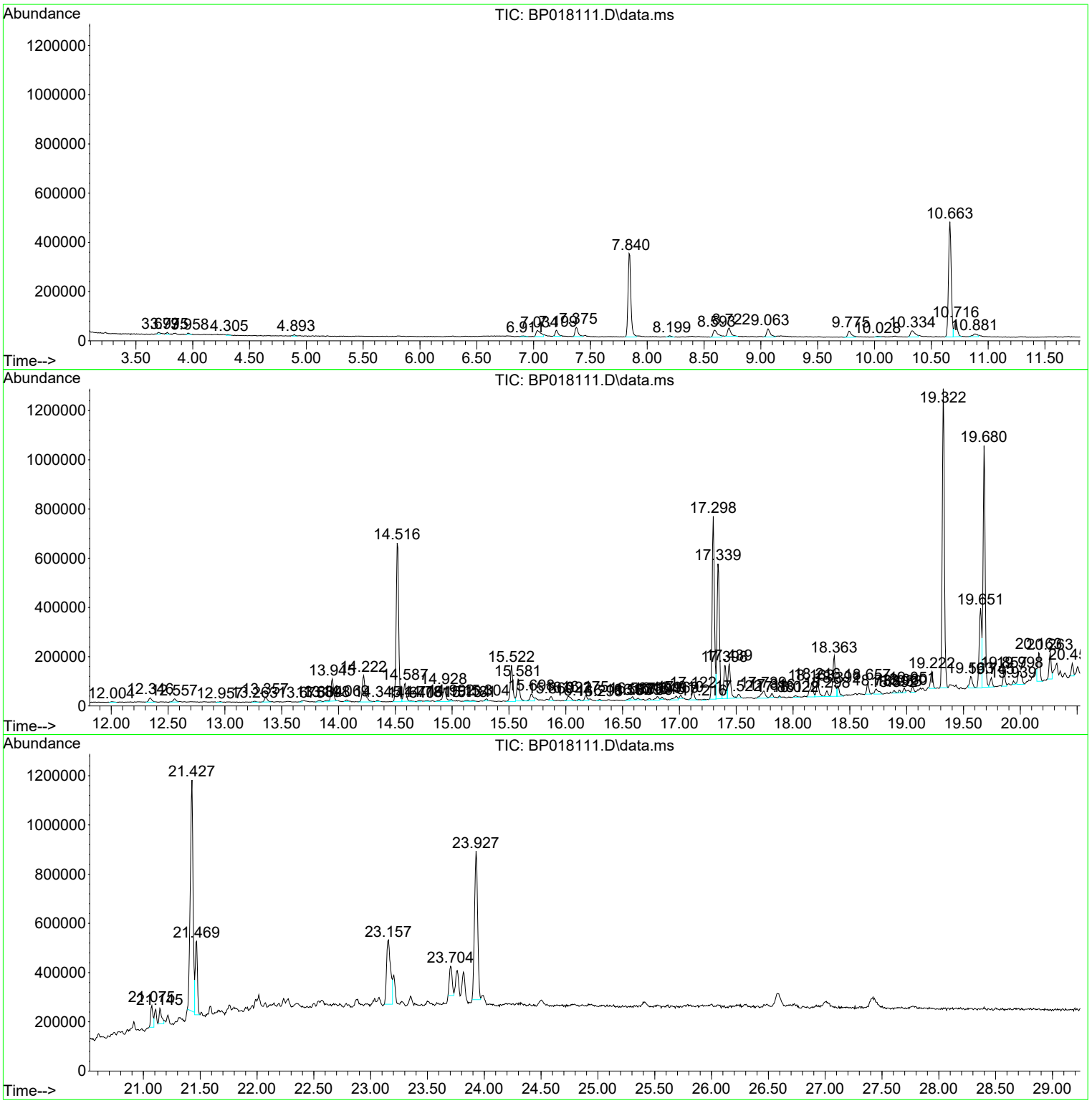
Sum of corrected areas: 16152819

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

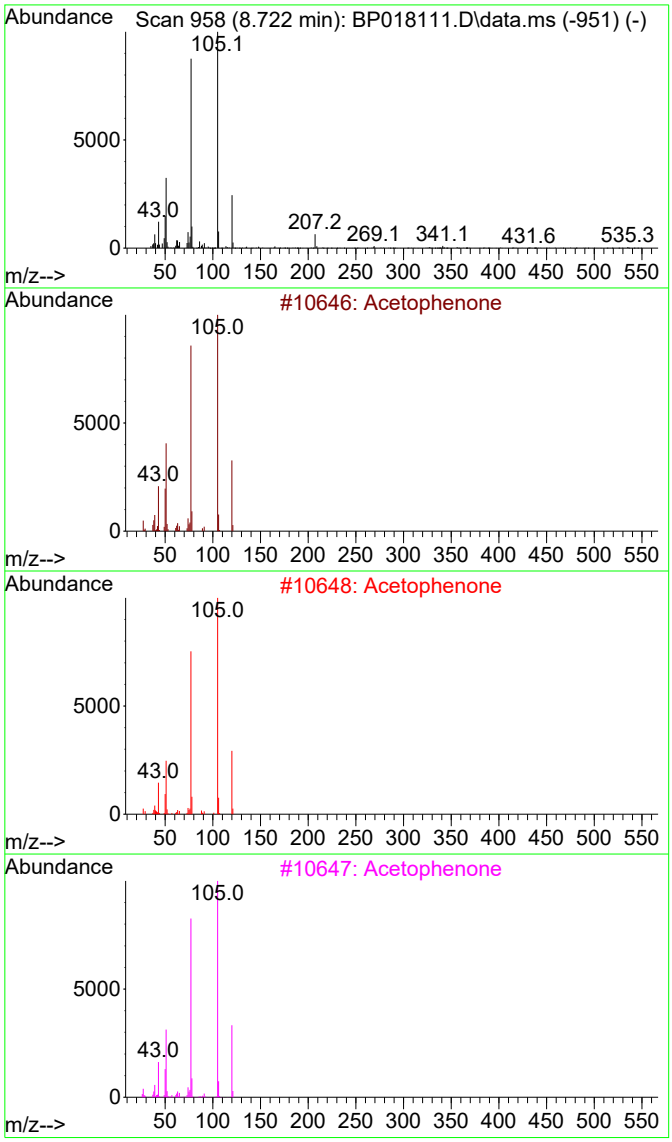
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

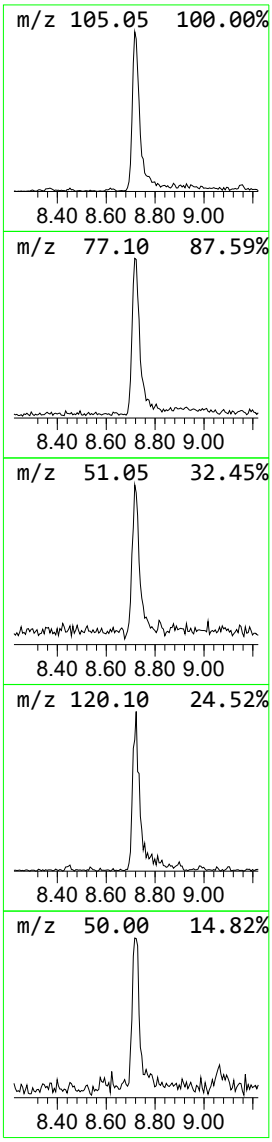
****

Peak Number 1 Aceto phenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	2.52 ng/ul	73915	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	94
2	Acetophenone	120	C8H8O	000098-86-2	90
3	Acetophenone	120	C8H8O	000098-86-2	90
4	Acetophenone	120	C8H8O	000098-86-2	90
5	Acetophenone	120	C8H8O	000098-86-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

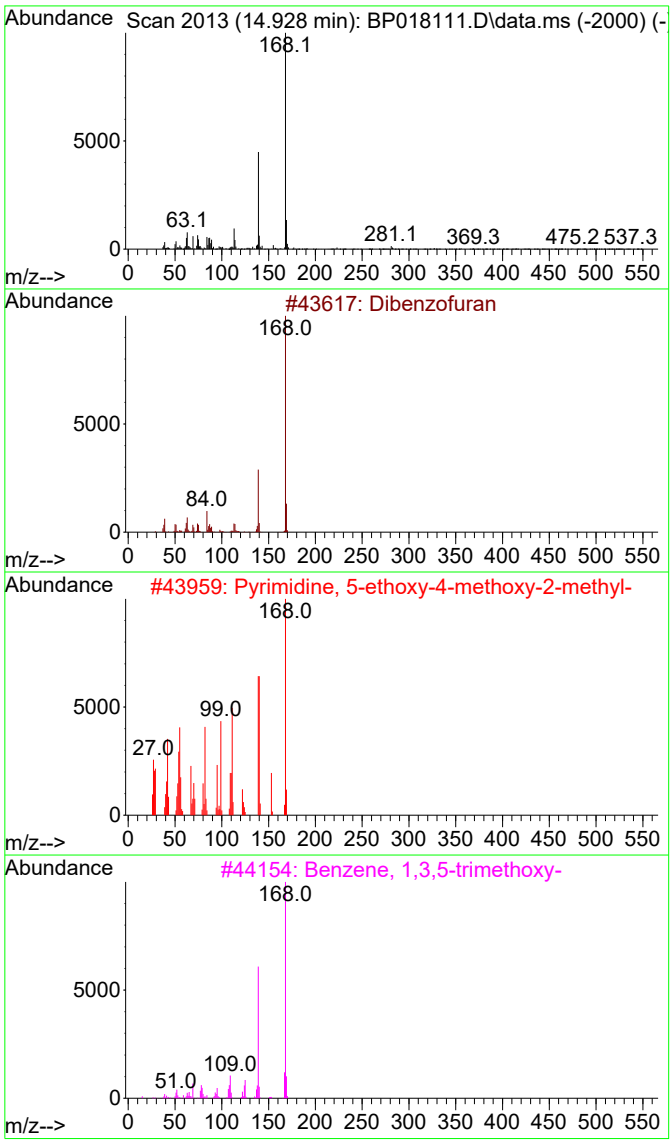
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

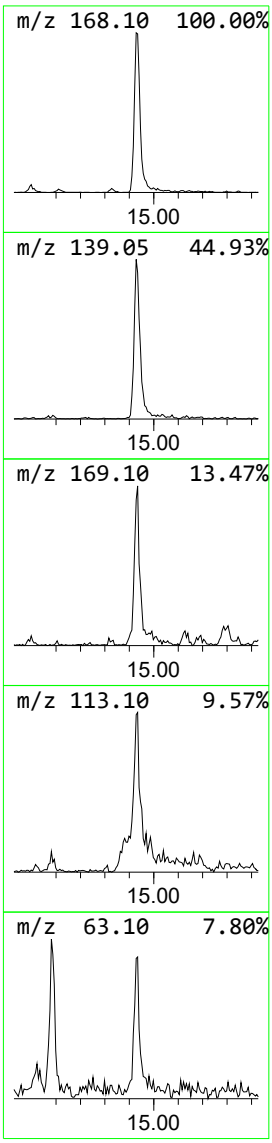
****

Peak Number 2 Dibenzo furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	2.37 ng/ul	115949	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	74
2	Pyrimidine, 5-ethoxy-4-methoxy-2...	168	C8H12N2O2	024614-12-8	64
3	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	64
4	Dibenzofuran	168	C12H8O	000132-64-9	59
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

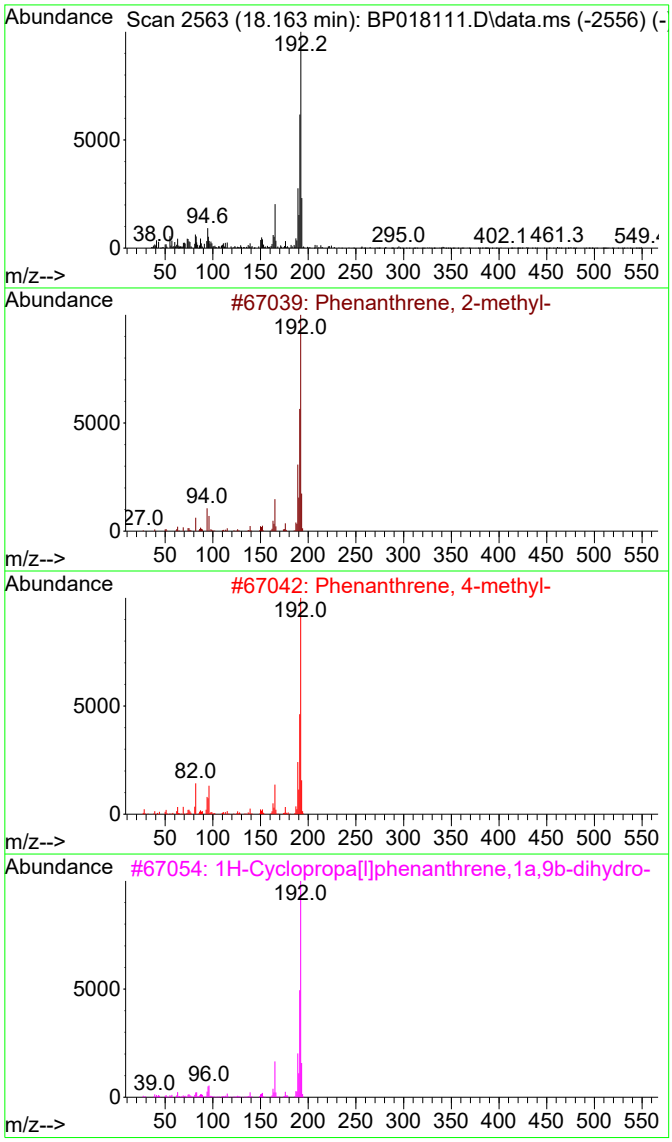
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

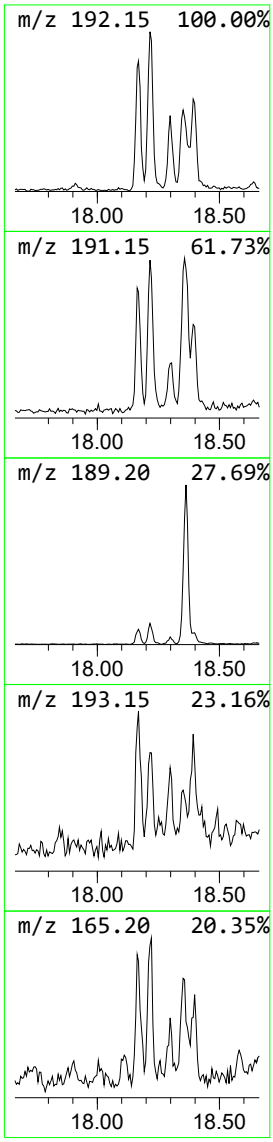
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.15 ng/ul	112348	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

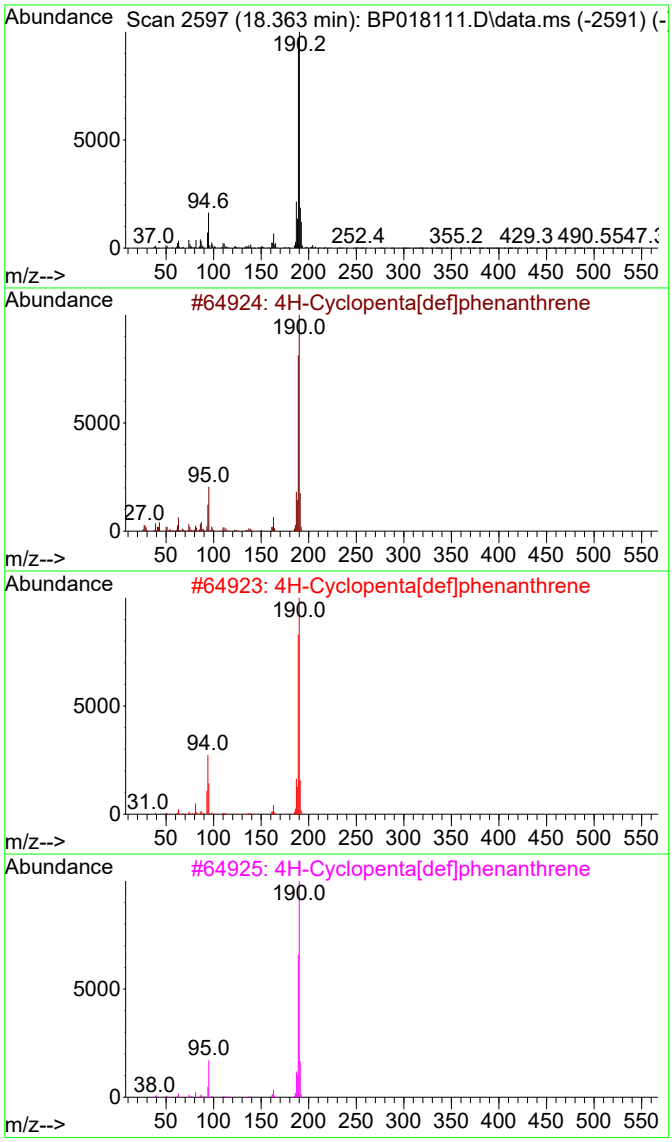
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

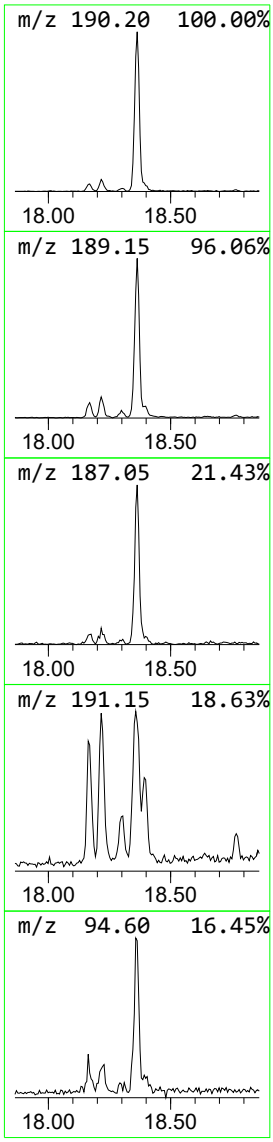
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	4.97 ng/ul	259303	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

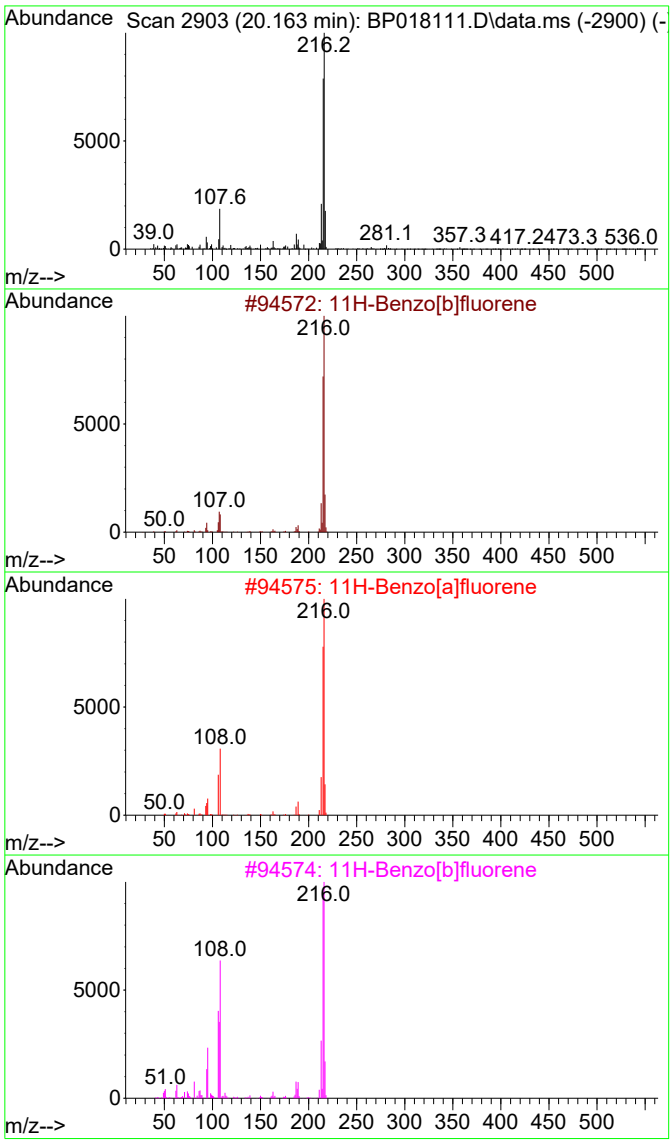
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

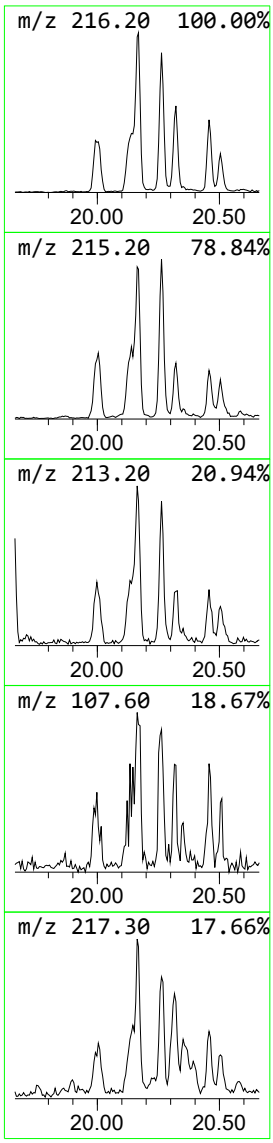
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.163	2.02 ng/ul	161895	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

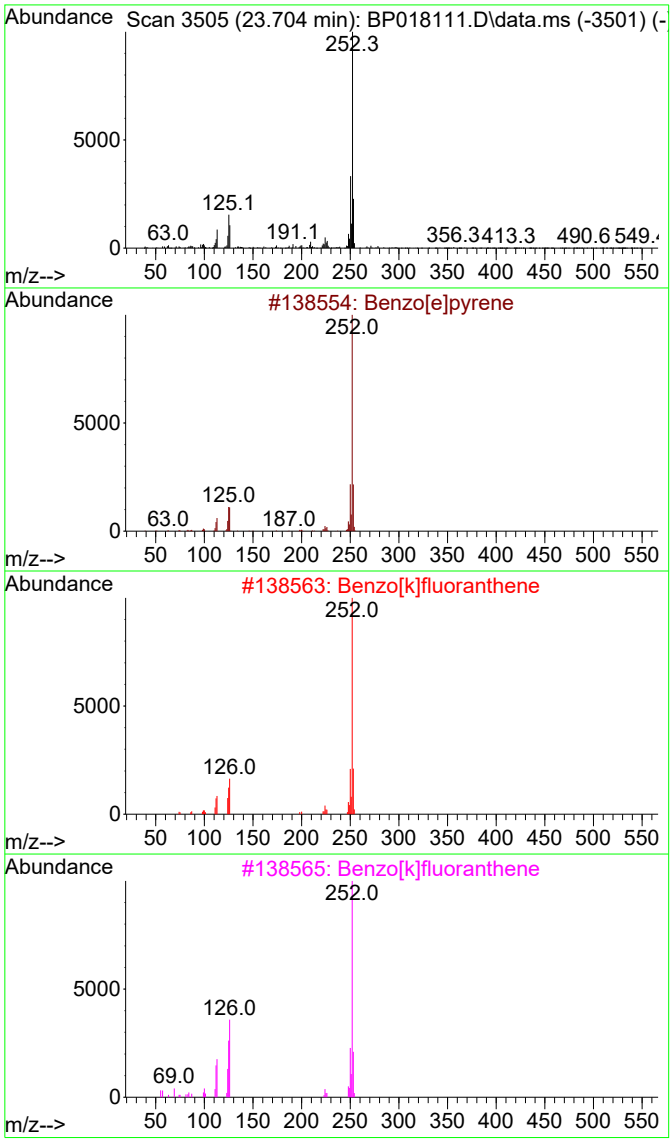
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

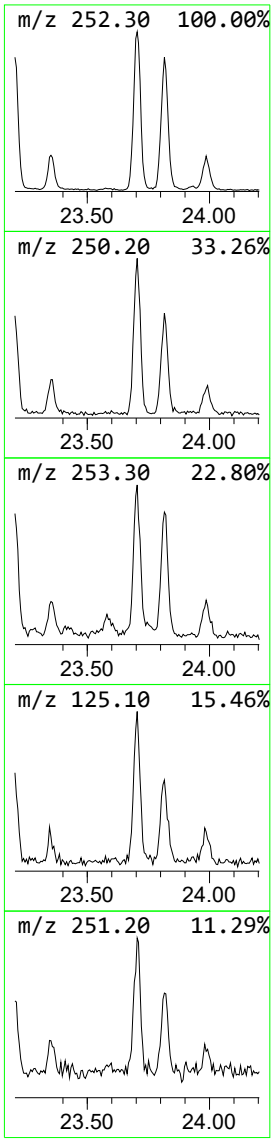
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.704	3.58 ng/ul	208452	Perylene-d12	23.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018111.D
Acq On : 12 Nov 2023 18:19
Operator : MA/JU
Sample : 05091-08DL 5X
Misc :
ALS Vial : 91 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKI5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.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
Aceto phenone	8.722	2.5	ng/ul	73915	1	7.846	585878	20.0
Dibenzo furan	14.928	2.4	ng/ul	115949	3	14.516	978356	20.0
Phenanthrene, 2...	18.163	2.1	ng/ul	112348	4	17.298	1043000	20.0
4H-Cyclopenta[d...	18.363	5.0	ng/ul	259303	4	17.298	1043000	20.0
11H-Benzo[b]flu...	20.163	2.0	ng/ul	161895	5	21.427	1601230	20.0
Benzo[e]pyrene	23.704	3.6	ng/ul	208452	6	23.927	1165010	20.0