LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AG5DL

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	13	17	25	rVB	46299	72091	0.48%	0.068%
2	3.828	88	92	107	rBV	219639	370767	2.48%	0.349%
3	5.346	346	350	356	rVB2	72173	104991	0.70%	0.099%
4	7.181	651	662	678	rBV	221742	372966	2.50%	0.351%
5	7.375	689	695	703	rBV	625433	985284	6.60%	0.927%
6	7.558	718	726	736	rBV	607710	975836	6.53%	0.918%
7	8.040	800	808	820	rBV	1194253	1867136	12.50%	1.756%
8	8.746	922	928	937	rVV	574104	938573	6.28%	0.883%
9	9.234	1003	1011	1022	rBV	732059	1255865	8.41%	1.181%
10	9.952	1127	1133	1141	rVV	563674	918892	6.15%	0.864%
11	10.269	1175	1187	1196	rBV6	46895	132714	0.89%	0.125%
12	10.481	1213	1223	1230	rBV	861380	1481938	9.92%	1.394%
13	10.869	1282	1289	1295	rVV	1767775	2990815	20.02%	2.813%
14	10.922	1295	1298	1306	rVB	102545	164170	1.10%	0.154%
15	11.028	1307	1316	1325	rBV	712923	1304975	8.74%	1.228%
16	11.269	1352	1357	1363	rVV2	35995	71927	0.48%	0.068%
17	11.451	1381	1388	1395	rVB	174738	302030	2.02%	0.284%
18	11.998	1475	1481	1500	rVB	175065	381115	2.55%	0.358%
19	12.257	1518	1525	1534	rBV3	39482	99874	0.67%	0.094%
20	12.375	1540	1545	1548	rBV3	59895	120233	0.80%	0.113%
21	12.422	1550	1553	1562	rVB2	58317	122122	0.82%	0.115%
22	12.557	1572	1576	1579	rVB2	49066	63257	0.42%	0.060%
23	12.657	1588	1593	1598	rBV3	111307	199169	1.33%	0.187%
24	12.840	1617	1624	1629	rBV5	97652	208999	1.40%	0.197%
25	12.916	1633	1637	1645	rVB3	62011	123359	0.83%	0.116%
26	13.022	1650	1655	1660	rBV2	44514	77689	0.52%	0.073%
27	13.098	1663	1668	1675	rVB2	82542	142987	0.96%	0.134%
28	13.204	1681	1686	1689	rVV2	49985	84795	0.57%	0.080%
29	13.487	1729	1734	1738	rBV2	57117	112315	0.75%	0.106%
30	13.540	1738	1743	1754	rVB2	273781	489235	3.28%	0.460%
31	13.722	1764	1774	1787	rVB3	288299	761085	5.10%	0.716%
32	13.828	1787	1792	1794	rBV	101858	141170	0.95%	0.133%
33	13.857	1794	1797	1807	rVV3	146559	351997	2.36%	0.331%
34	13.951	1807	1813	1818	rVV9	31007	75453	0.51%	0.071%
35	14.016	1819	1824	1832	rVV6	148651	305679	2.05%	0.288%
36	14.104	1832	1839	1848	rVB	1876848	2631460	17.62%	2.475%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

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-BP081423.MA.M
Title : SVOA CALIBRATION

37	14.240	1856	1862	1865	rBV2	247732	385253	2.58%	0.362%
38	14.275	1865	1868	1874	rVB	211365	309521	2.07%	0.291%
39	14.392	1880	1888	1898	rBV	2271854	3572645	23.92%	3.361%
40	14.475	1898	1902	1911	rVB5	92712	160272	1.07%	0.151%
41	14.692	1929	1939	1944	rVV	2803617	4164260	27.88%	3.917%
42	14.763	1944	1951	1962	rVB	10090365	14937643	100.00%	14.051%
43	14.898	1968	1974	1981	rBV4	205692	353687	2.37%	0.333%
44	14.998	1987	1991	1996	rVB	245673	321459	2.15%	0.302%
45	15.151	2011	2017	2020	rBV6	36181	80661	0.54%	0.076%
46	15.292	2036	2041	2049	rBV3	146829	285327	1.91%	0.268%
47	15.575	2085	2089	2097	rBV	132374	212844	1.42%	0.200%
48	15.687	2102	2108	2113	rVV	2601462	3681374	24.64%	3.463%
49	15.745	2113	2118	2124	rVV	2660390	3677045	24.62%	3.459%
50	15.804	2124	2128	2135	rVV2	769004	1158169	7.75%	1.089%
51	15.869	2135	2139	2148	rVB4	257831	674125	4.51%	0.634%
52	15.951	2148	2153	2157	rBV5	174735	259522	1.74%	0.244%
53	16.045	2166	2169	2172	rBV2	38893	60192	0.40%	0.057%
54	16.075	2172	2174	2178	rVB2	82520	89257	0.60%	0.084%
55	16.134	2180	2184	2187	rBV3	86107	158154	1.06%	0.149%
56	16.181	2187	2192	2200	rVB4	409791	921772	6.17%	0.867%
57	16.269	2203	2207	2212	rVB3	86906	135550	0.91%	0.128%
58	16.439	2230	2236	2243	rVB	369022	644584	4.32%	0.606%
59	16.539	2249	2253	2260	rBV	269495	366542	2.45%	0.345%
60	16.634	2265	2269	2277	rVV3	267209	449729	3.01%	0.423%
61	16.710	2278	2282	2285	rVV5	133090	274562	1.84%	0.258%
62	16.745	2286	2288	2292	rVB	194156	216540	1.45%	0.204%
63	16.804	2293	2298	2302	rBV5	100559	185098	1.24%	0.174%
64	16.898	2311	2314	2318	rVB	86743	100624	0.67%	0.095%
65	17.233	2367	2371	2376	rBV	307739	515781	3.45%	0.485%
66	17.281	2376	2379	2380	rVV	110711	114355	0.77%	0.108%
67	17.310	2380	2384	2387	rVV	351830	480554	3.22%	0.452%
68	17.345	2387	2390	2394	rVV2	240443	339545	2.27%	0.319%
69	17.463	2403	2410	2415	rBV	3676270	5184692	34.71%	4.877%
70	17.504	2415	2417	2421	rVB2	145301	188900	1.26%	0.178%
71	17.563	2421	2427	2431	rBV2	2823618	4222212	28.27%	3.972%
72	17.657	2441	2443	2447	rVB	95462	101391	0.68%	0.095%
73	17.828	2467	2472	2477	rBV	414724	703006	4.71%	0.661%
74	17.875	2477	2480	2484	rVB	144800	197887	1.32%	0.186%
75	18.098	2512	2518	2522	rBV3	198114	454037	3.04%	0.427%
76	18.204	2534	2536	2539	rBV	72855	71815	0.48%	0.068%

LSC Area Percent Report

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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

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-BP081423.MA.M
Title : SVOA CALIBRATION

77	18.298	2546	2552	2556	rBV3	603291	1142096	7.65%	1.074%
78	18.339	2556	2559	2562	rBV	286976	402724	2.70%	0.379%
79	18.445	2571	2577	2582	rVB2	546582	839693	5.62%	0.790%
80	18.510	2584	2588	2595	rVB	712853	1020242	6.83%	0.960%
81	18.616	2598	2606	2611	rVV3	231351	596366	3.99%	0.561%
82	18.692	2615	2619	2625	rVB3	216318	358600	2.40%	0.337%
83	18.751	2625	2629	2634	rVB	276334	353400	2.37%	0.332%
84	18.804	2634	2638	2643	rBV3	211257	382919	2.56%	0.360%
85	19.010	2669	2673	2675	rBV3	100561	149264	1.00%	0.140%
86	19.204	2702	2706	2709	rBV	181245	274166	1.84%	0.258%
87	19.357	2728	2732	2737	rVB2	197476	305359	2.04%	0.287%
88	19.427	2740	2744	2746	rVV3	173823	271953	1.82%	0.256%
89	19.463	2746	2750	2757	rVB	1571943	1994310	13.35%	1.876%
90	19.533	2759	2762	2766	rVB3	182503	236878	1.59%	0.223%
91	19.792	2800	2806	2810	rBV	4128537	5872817	39.32%	5.524%
92	20.139	2863	2865	2871	rVB	129872	175961	1.18%	0.166%
93	20.204	2872	2876	2882	rVV2	572399	876136	5.87%	0.824%
94	20.274	2883	2888	2899	rVB	1471828	2010266	13.46%	1.891%
95	20.404	2907	2910	2915	rVB4	157703	220055	1.47%	0.207%
96	20.863	2985	2988	2990	rBV	149288	180421	1.21%	0.170%
97	20.898	2990	2994	3002	rVB2	740084	1033909	6.92%	0.973%
98	21.557	3101	3106	3112	rBV2	4526863	5823685	38.99%	5.478%
99	23.963	3508	3515	3526	rVB2	2255579	5001234	33.48%	4.704%
100	24.139	3538	3545	3557	rVB	2548816	5574556	37.32%	5.244%

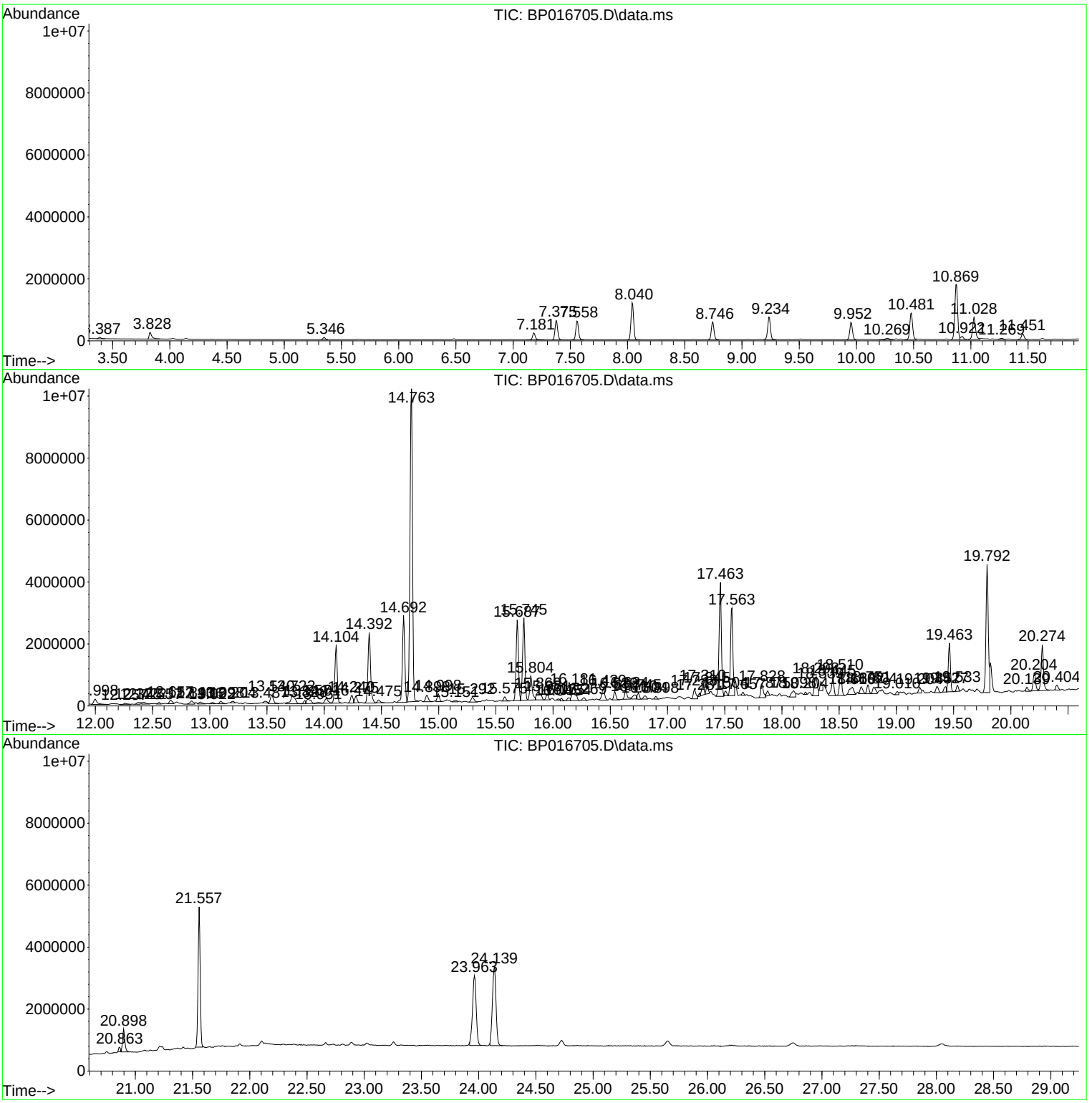
Sum of corrected areas: 106310559

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

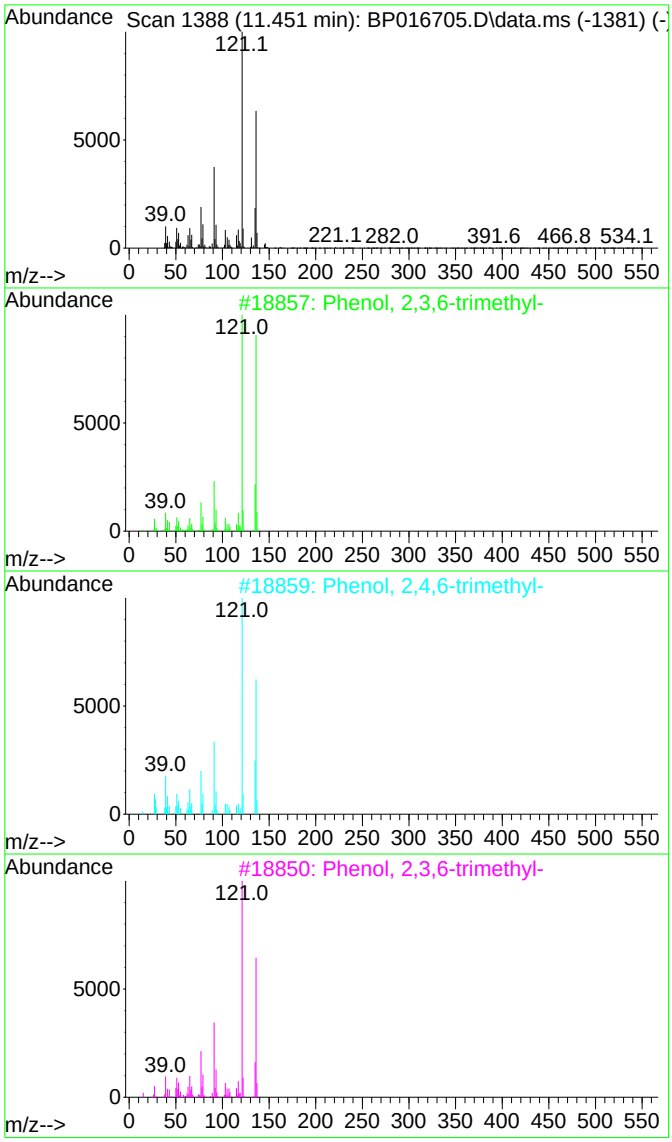
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

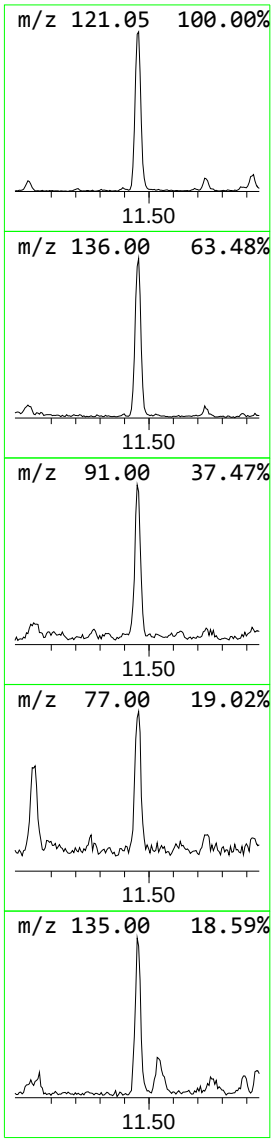
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	2.02 ng/ul	302030	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

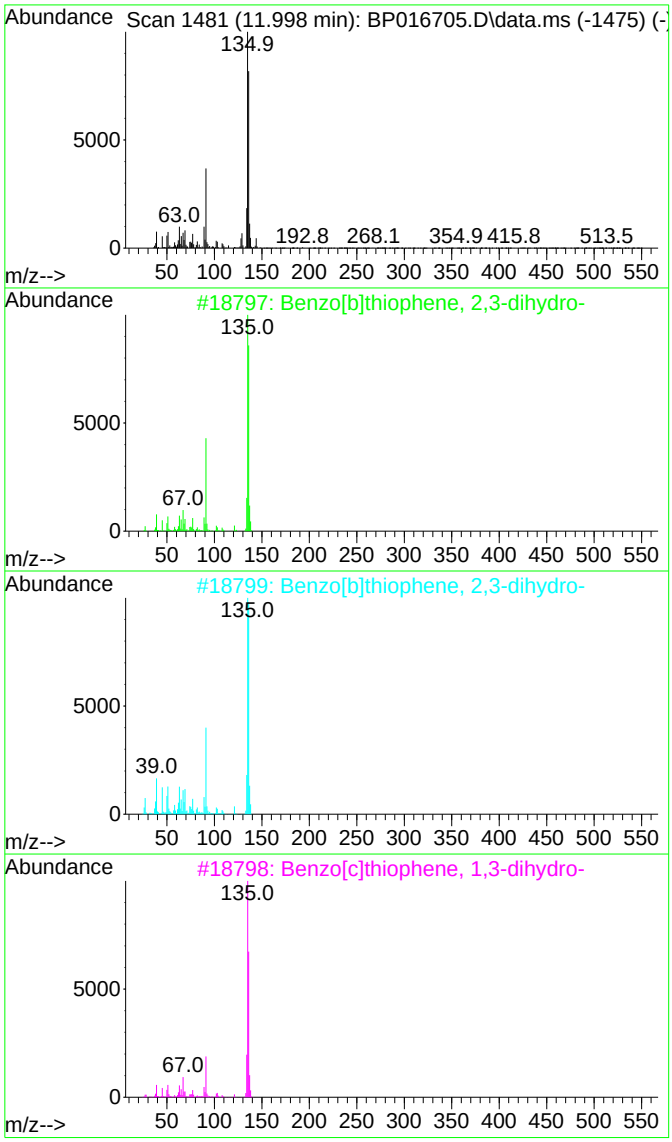
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

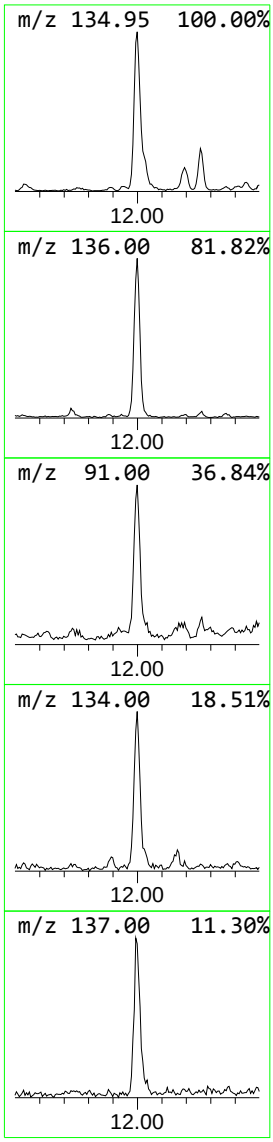
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.999	2.55 ng/ul	381115	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
5	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

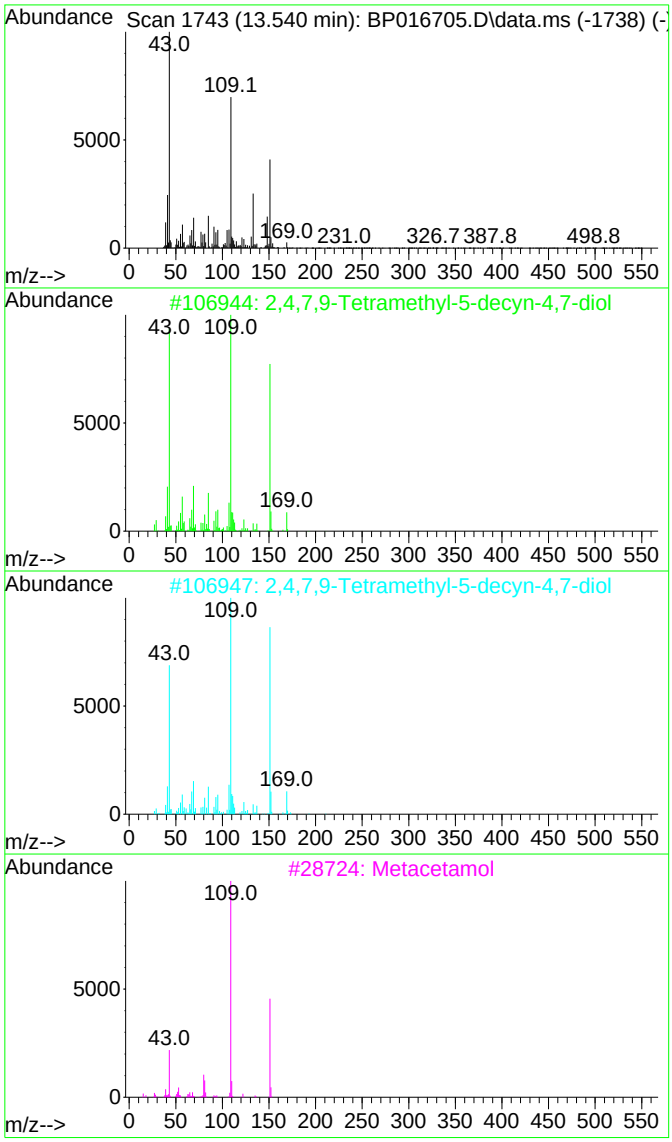
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

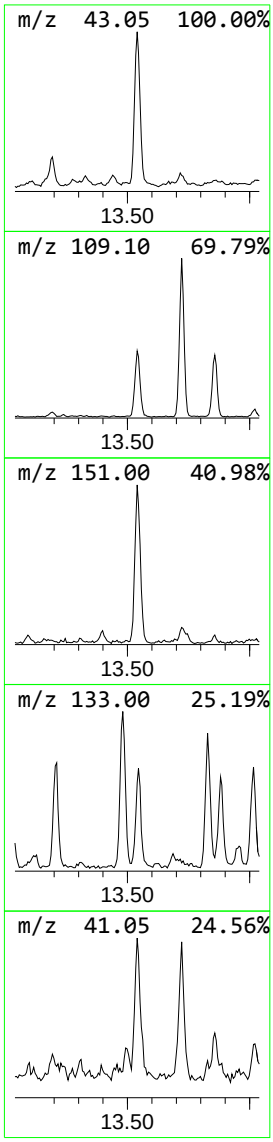
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.540	2.35 ng/ul	489235	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
3	Metacetamol	151	C8H9NO2	000621-42-1	49
4	Metacetamol	151	C8H9NO2	000621-42-1	43
5	Metacetamol	151	C8H9NO2	000621-42-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

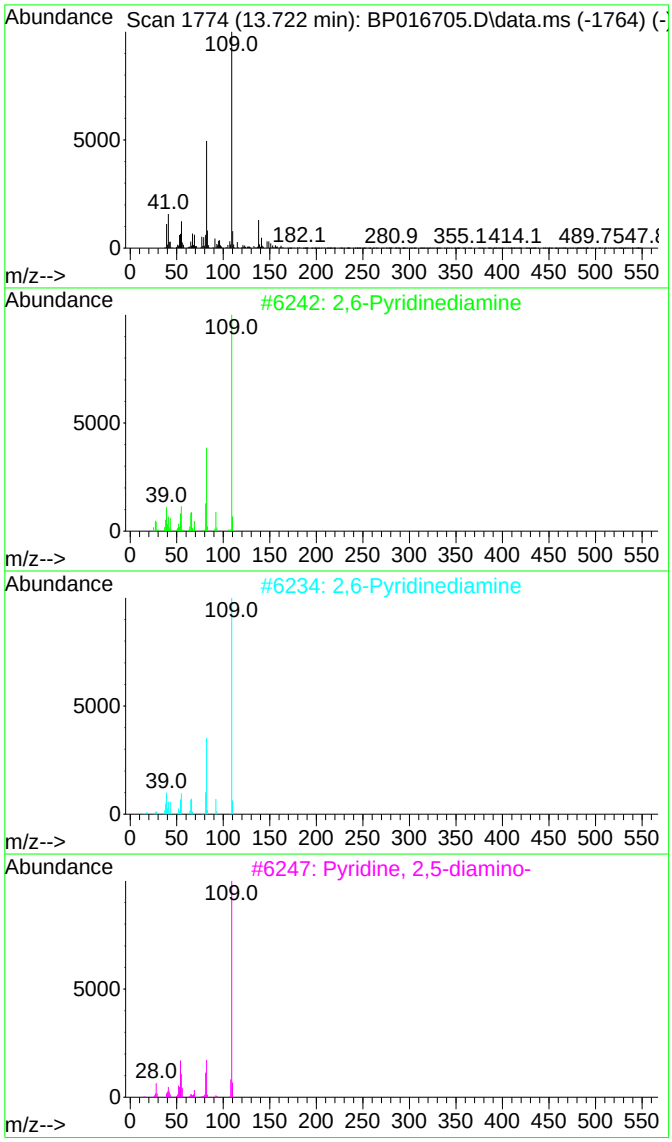
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

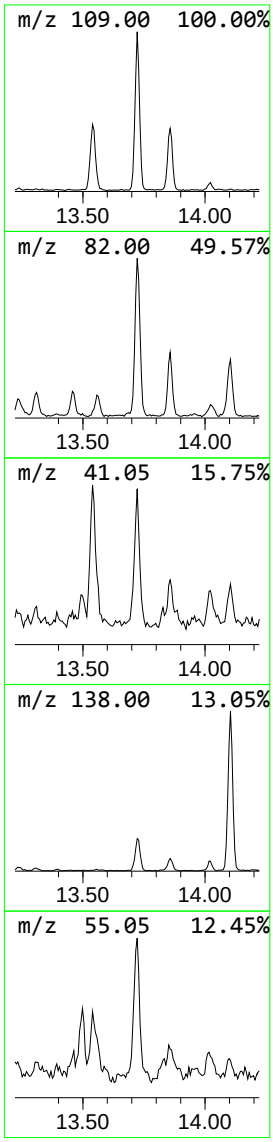
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,6-Pyridinediamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	3.66 ng/ul	761085	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	72
2	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	64
3	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	50
4	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	47
5	N-(4-Fluorobenzyl)-1-propanamine	167	C10H14FN	741698-80-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

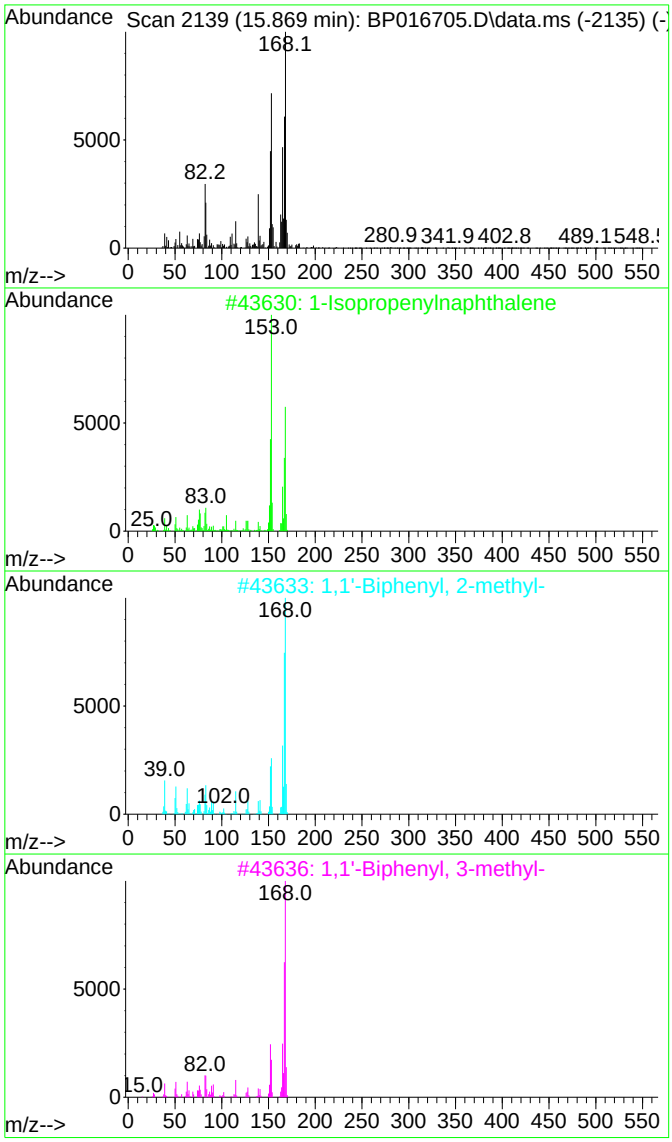
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

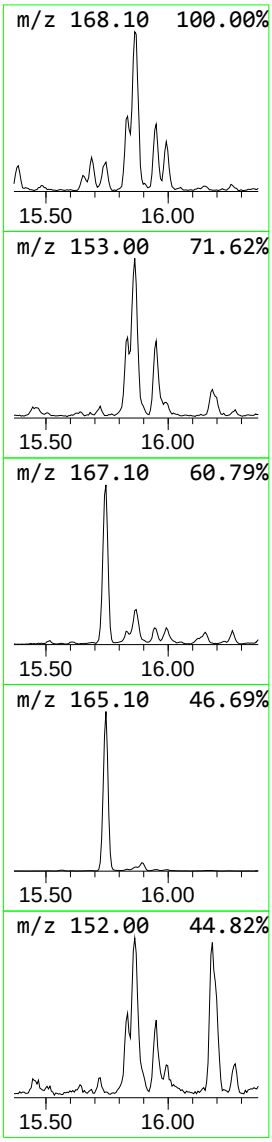
****

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.869	3.24 ng/ul	674125	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	62
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52





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Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

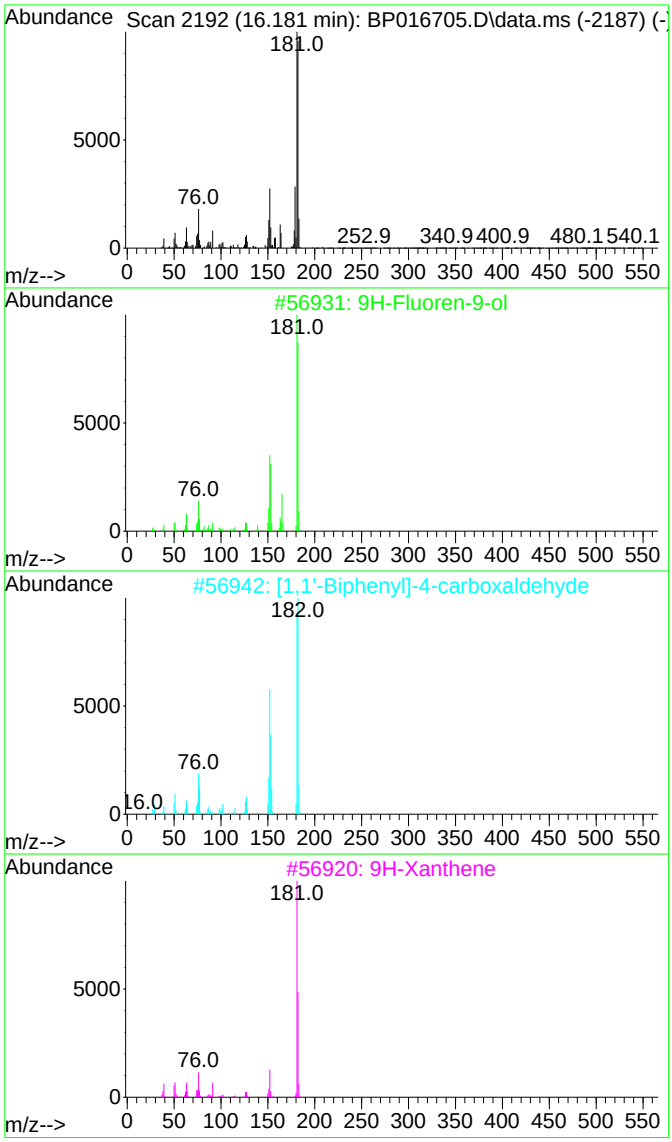
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

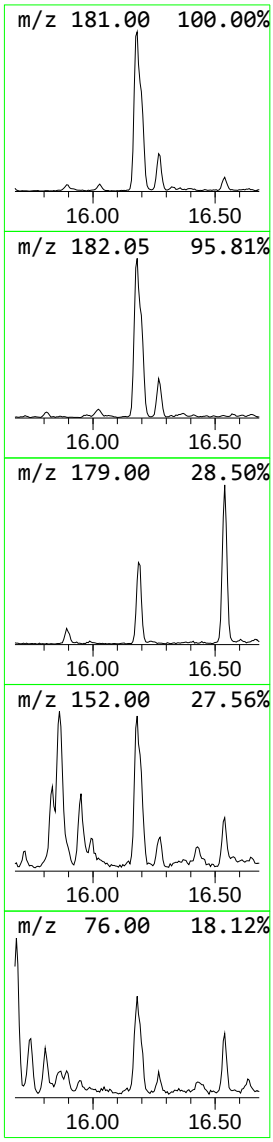
****

Peak Number 6 9H-Fluoren-9-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.181	3.56 ng/ul	921772	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
3	9H-Xanthene	182	C13H10O	000092-83-1	87
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83





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Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

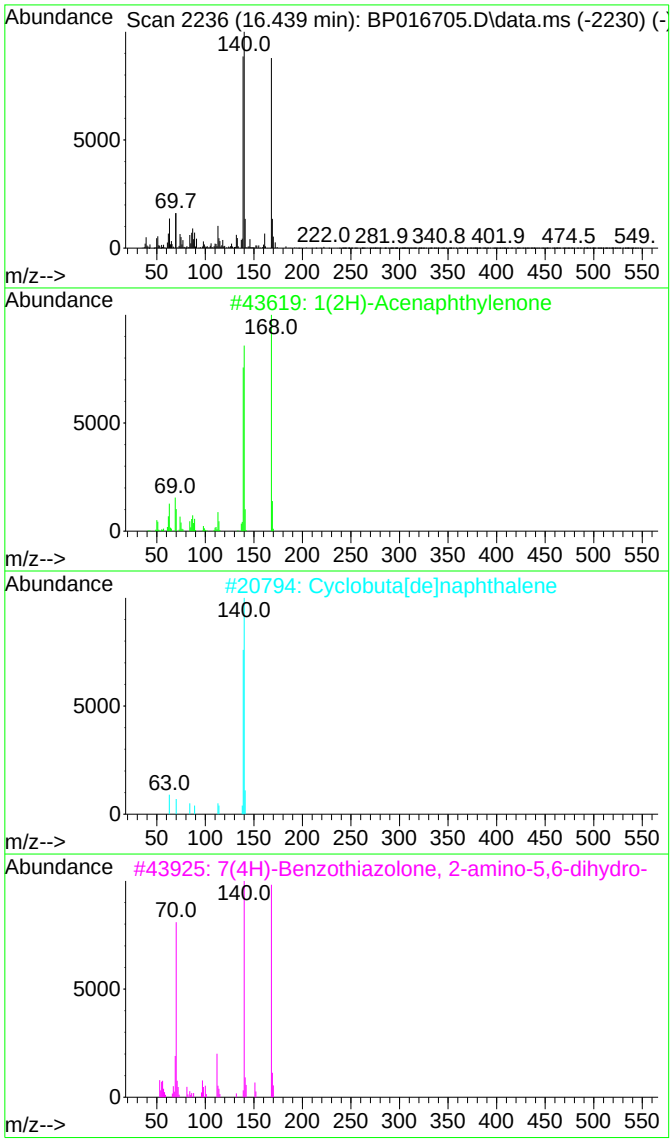
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

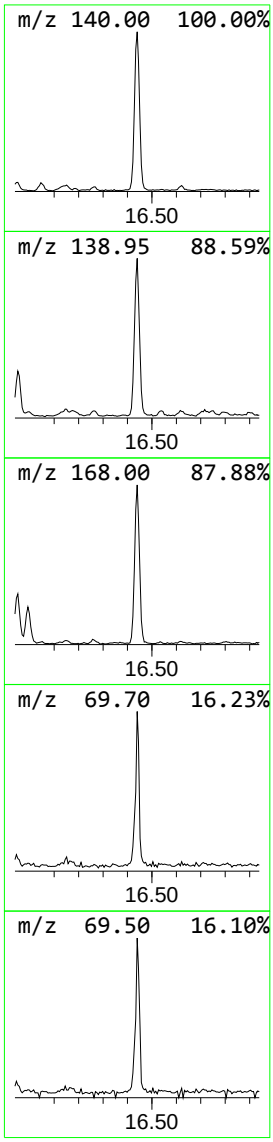
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1(2H)-Acenaphthylenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	2.49 ng/ul	644584	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	53
3	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	52
4	Dibenzofuran	168	C12H8O	000132-64-9	52
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	46





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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

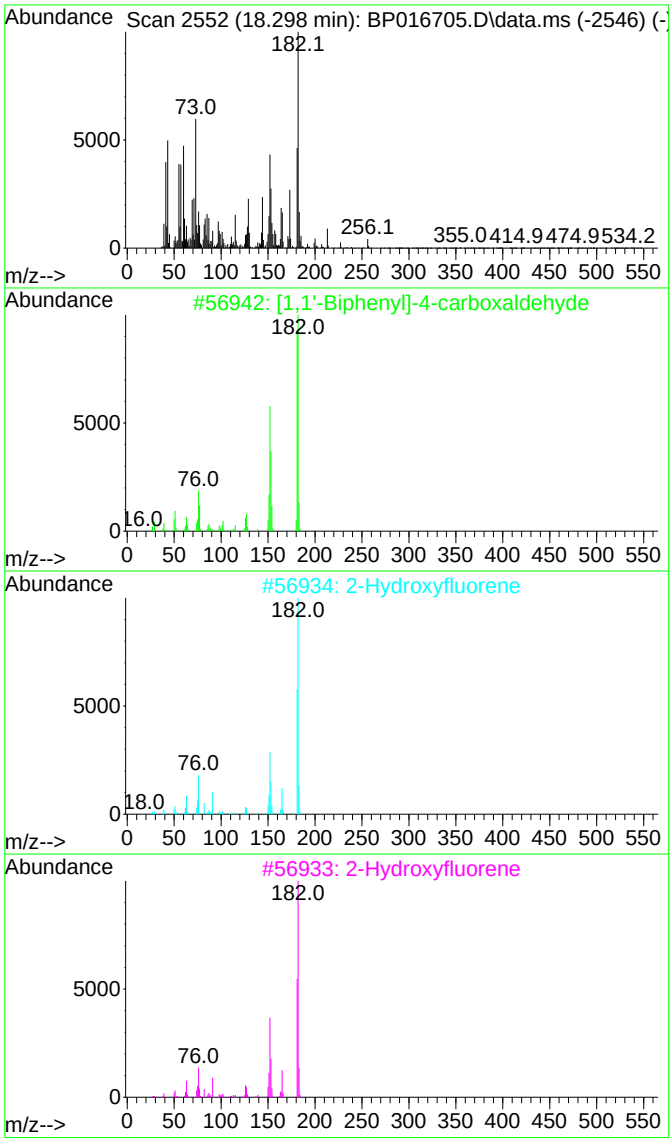
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

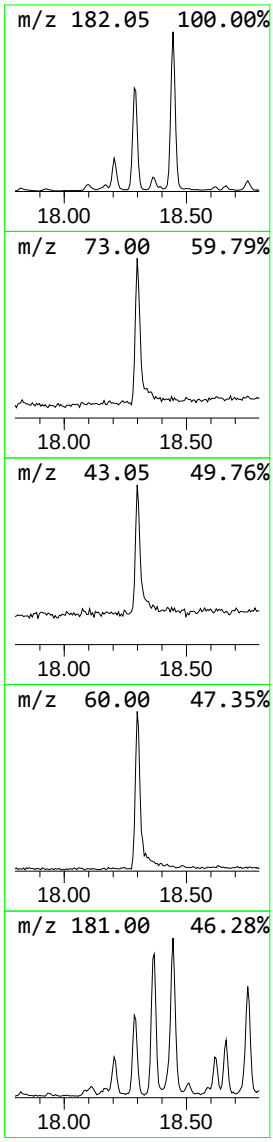
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.41 ng/ul	1142100	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	60
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

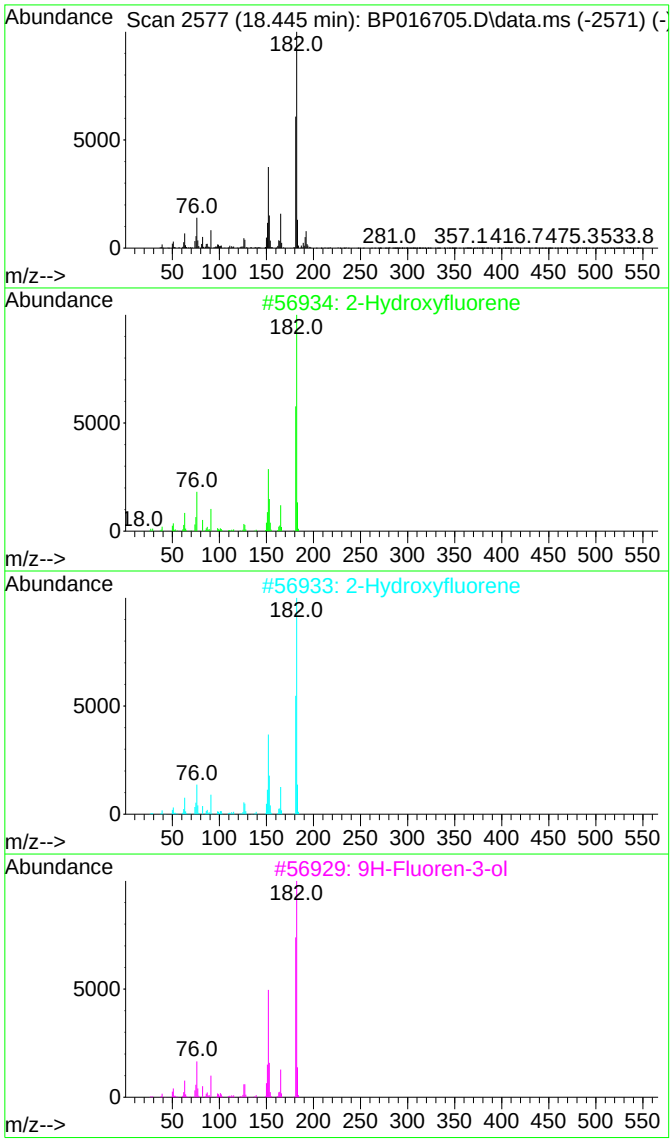
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

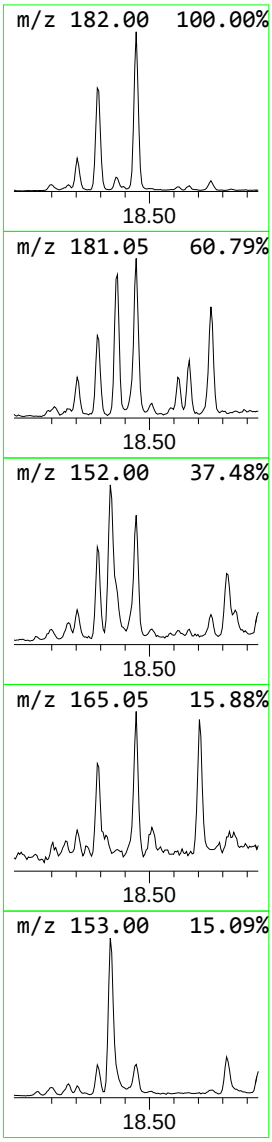
****

Peak Number 9 2-Hydroxyfluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	3.24 ng/ul	839693	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	97
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	97
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	96
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	70





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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

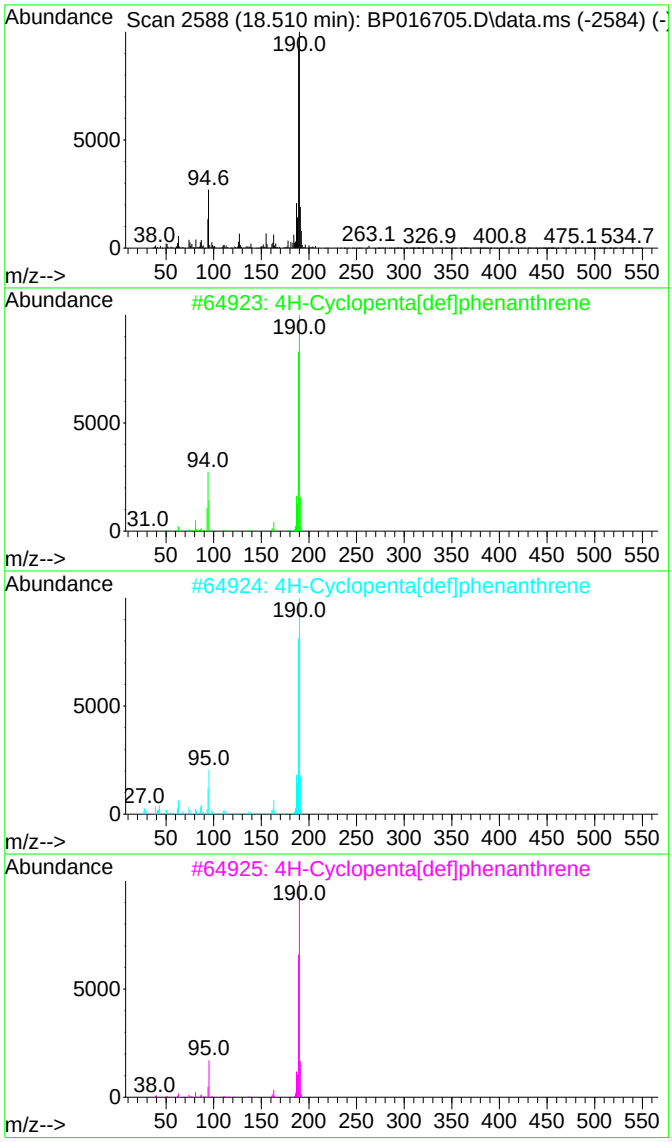
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

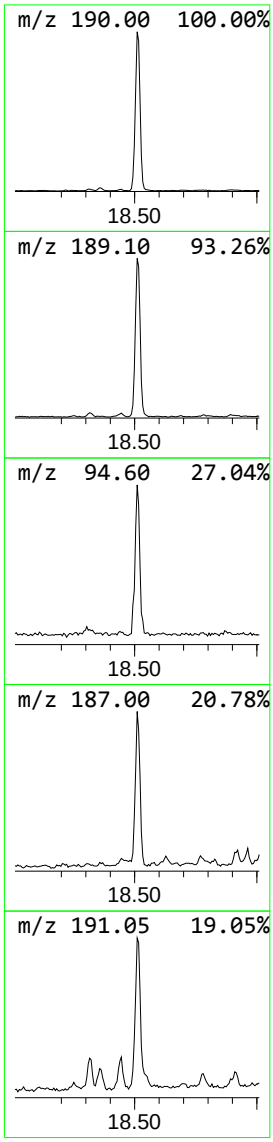
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	3.94 ng/ul	1020240	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	58
5	2-Propynyl 1H-purin-6-yl sulfide	190	C8H6N4S	1000486-13-9	53





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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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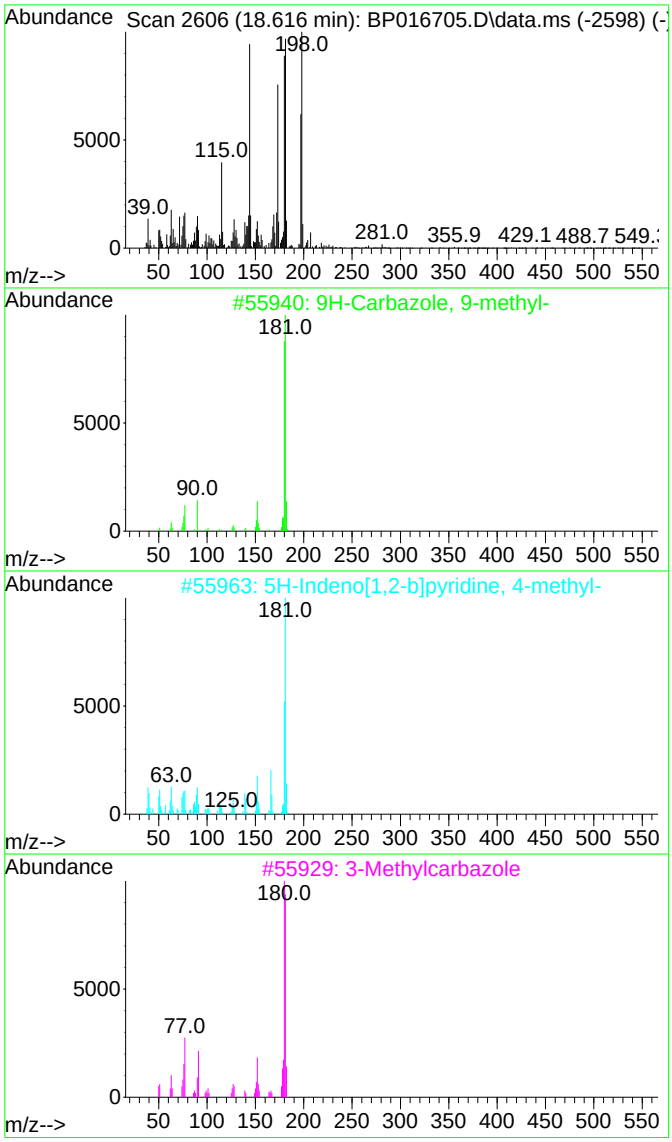
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

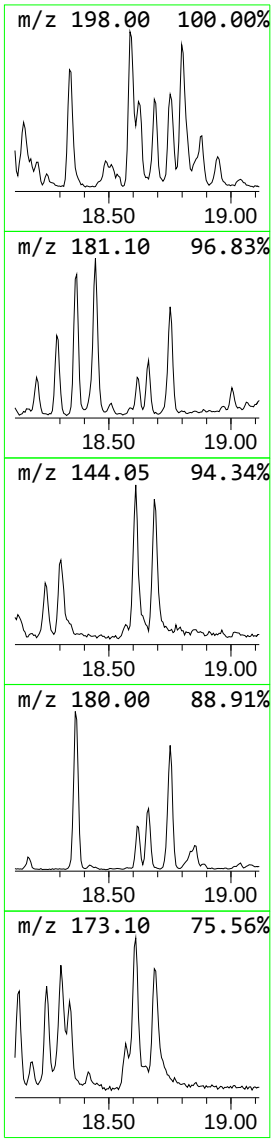
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9H-Carbazole, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.30 ng/ul	596366	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	62
2	5H-Indeno[1,2-b]pyridine, 4-methyl-	181	C13H11N	064292-01-9	53
3	3-Methylcarbazole	181	C13H11N	004630-20-0	48
4	4-Methylcarbazole	181	C13H11N	003770-48-7	47
5	2(1H)-Quinolinone, 4,8-dimethyl-	173	C11H11NO	005349-78-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

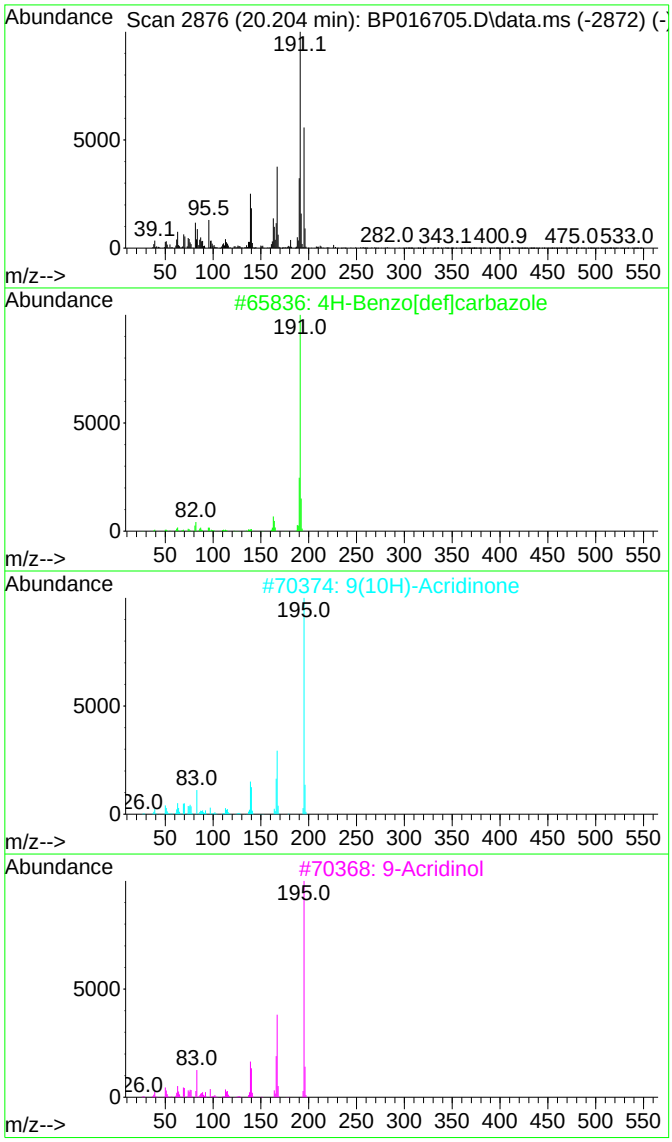
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

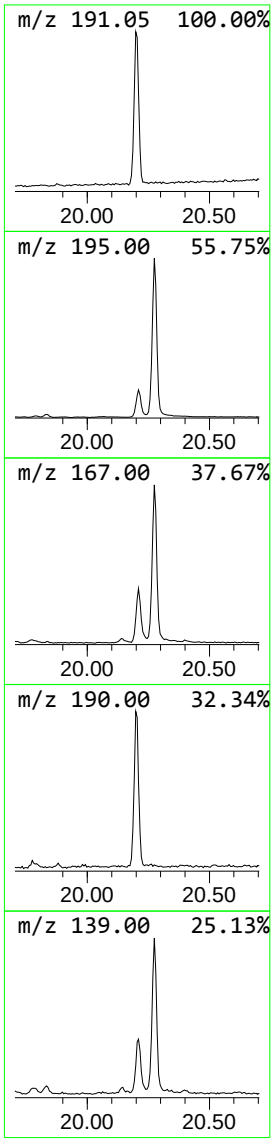
****

Peak Number 12 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	3.01 ng/ul	876136	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	49
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	42
3	9-Acridinol	195	C13H9NO	000643-62-9	42
4	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	41
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	38





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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

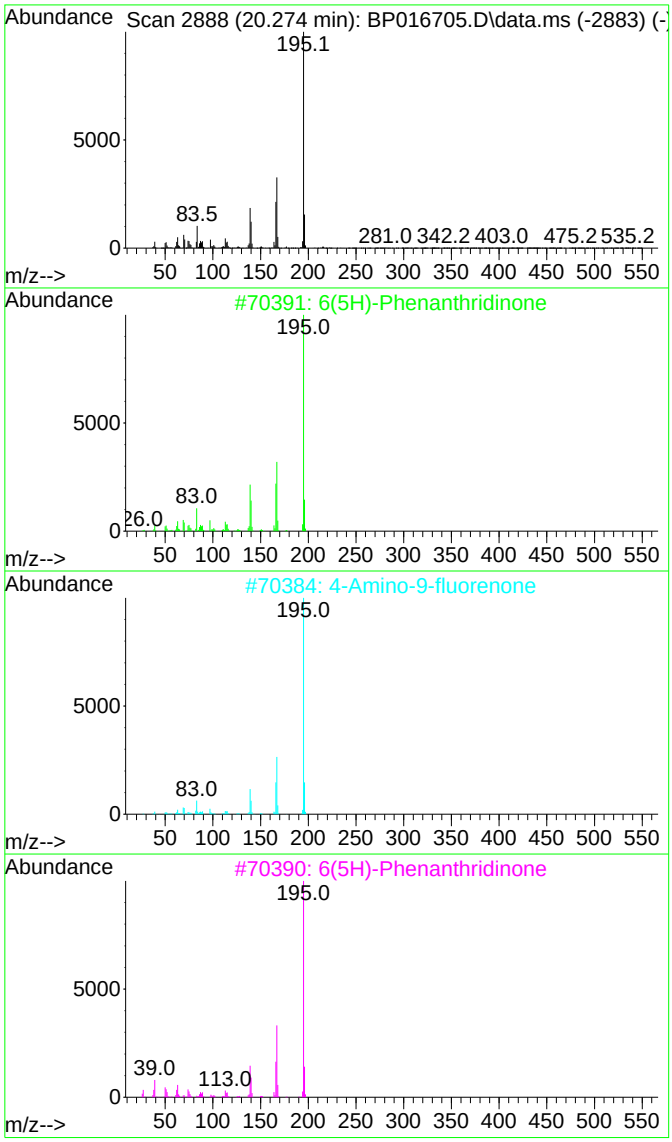
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

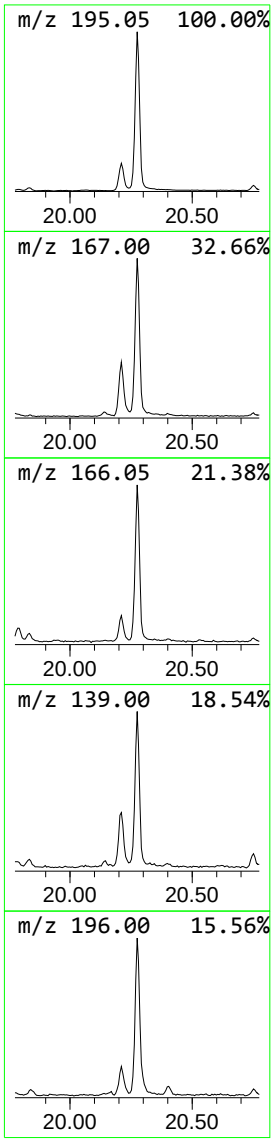
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 6(5H)-Phenanthridinone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	6.90 ng/ul	2010270	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	98
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	9-Acridinol	195	C13H9NO	000643-62-9	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





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Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

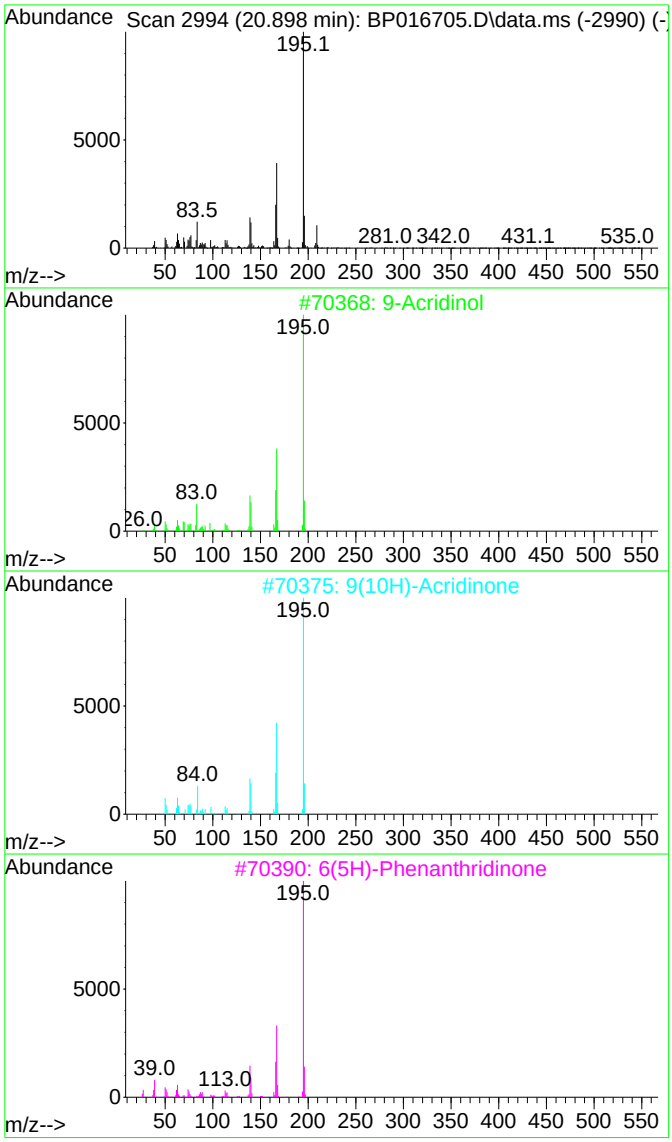
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

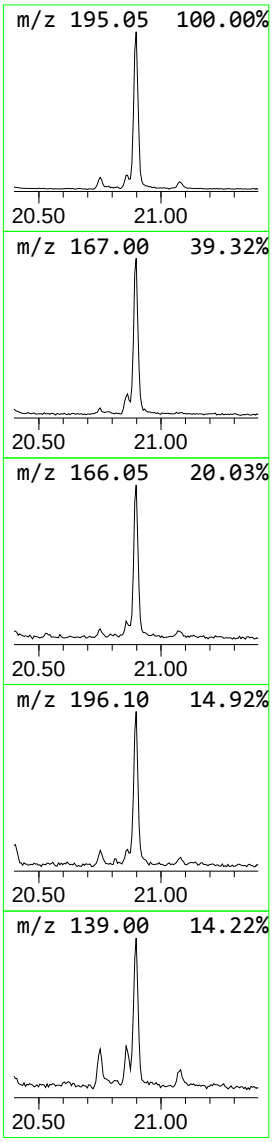
****

Peak Number 14 9-Acridinol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.898	3.55 ng/ul	1033910	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinol	195	C13H9NO	000643-62-9	98
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	98
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
Data File : BP016705.D
Acq On : 22 Aug 2023 16:00
Operator : MA/JU
Sample : 04059-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AG5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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
Phenol, 2,3,6-t...	11.451	2.0	ng/ul	302030	2	10.869	2990820	20.0
Benzo[b]thiophe...	11.999	2.5	ng/ul	381115	2	10.869	2990820	20.0
2,4,7,9-Tetrame...	13.540	2.4	ng/ul	489235	3	14.692	4164260	20.0
2,6-Pyridinedia...	13.722	3.7	ng/ul	761085	3	14.692	4164260	20.0
1-Isopropenylna...	15.869	3.2	ng/ul	674125	3	14.692	4164260	20.0
9H-Fluoren-9-ol	16.181	3.6	ng/ul	921772	4	17.463	5184690	20.0
1(2H)-Acenaphth...	16.439	2.5	ng/ul	644584	4	17.463	5184690	20.0
[1,1'-Biphenyl]...	18.298	4.4	ng/ul	1142100	4	17.463	5184690	20.0
2-Hydroxyfluorene	18.445	3.2	ng/ul	839693	4	17.463	5184690	20.0
4H-Cyclopenta[d...	18.510	3.9	ng/ul	1020240	4	17.463	5184690	20.0
9H-Carbazole, 9...	18.616	2.3	ng/ul	596366	4	17.463	5184690	20.0
unknown-01	20.204	3.0	ng/ul	876136	5	21.557	5823690	20.0
6(5H)-Phenanthr...	20.275	6.9	ng/ul	2010270	5	21.557	5823690	20.0
9-Acridinol	20.898	3.5	ng/ul	1033910	5	21.557	5823690	20.0