LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCHK7

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-BP082423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	11	15	27	rVB	84151	134220	0.29%	0.045%
2	3.817	87	90	106	rBV	385864	656669	1.44%	0.222%
3	4.128	138	143	151	rVB	103779	149432	0.33%	0.051%
4	5.987	451	459	465	rVB	106006	170919	0.37%	0.058%
5	7.163	650	659	674	rBV	377395	650293	1.43%	0.220%
6	7.363	685	693	702	rBV	1657221	2617633	5.74%	0.887%
7	7.540	715	723	734	rBV	1435995	2289102	5.02%	0.775%
8	7.640	734	740	749	rVB	168169	263881	0.58%	0.089%
9	7.740	749	757	763	rBV	136764	220561	0.48%	0.075%
10	8.022	797	805	814	rBV	1583954	2479815	5.43%	0.840%
11	8.110	814	820	828	rVB	116763	189021	0.41%	0.064%
12	8.381	858	866	874	rBV	715194	1133843	2.48%	0.384%
13	8.558	888	896	905	rBV	2452543	3857206	8.45%	1.306%
14	8.728	913	925	935	rBV	1179432	1892761	4.15%	0.641%
15	9.222	999	1009	1016	rBV	1979120	3360607	7.36%	1.138%
16	9.381	1030	1036	1042	rVB	208127	327942	0.72%	0.111%
17	9.510	1050	1058	1064	rVV	455593	929108	2.04%	0.315%
18	9.569	1064	1068	1074	rVV	132084	207846	0.46%	0.070%
19	9.934	1122	1130	1138	rBV	1543363	2525069	5.53%	0.855%
20	10.069	1147	1153	1159	rBV	116979	184380	0.40%	0.062%
21	10.216	1172	1178	1182	rBV	224447	416953	0.91%	0.141%
22	10.328	1192	1197	1201	rBV	126767	218817	0.48%	0.074%
23	10.463	1211	1220	1228	rBV	2299584	3879853	8.50%	1.314%
24	10.775	1264	1273	1277	rBV4	76349	164723	0.36%	0.056%
25	10.857	1280	1287	1290	rVV	2150134	3777978	8.28%	1.280%
26	10.916	1290	1297	1305	rVV	24156444	45632994	100.00%	15.456%
27	11.034	1305	1317	1327	rVV2	4116130	9744187	21.35%	3.300%
28	11.981	1473	1478	1483	rBV	309905	486631	1.07%	0.165%
29	12.404	1544	1550	1561	rVB	423588	735927	1.61%	0.249%
30	12.504	1561	1567	1576	rBV2	613239	956891	2.10%	0.324%
31	12.628	1583	1588	1593	rBV	155462	251212	0.55%	0.085%
32	12.728	1593	1605	1612	rVB	5729584	9242834	20.25%	3.131%
33	12.857	1622	1627	1646	rVV	186942	355745	0.78%	0.120%
34	13.157	1672	1678	1690	rVB2	243621	466388	1.02%	0.158%
35	13.369	1708	1714	1727	rBV	196152	388549	0.85%	0.132%
36	13.510	1732	1738	1745	rBV	2718144	3966865	8.69%	1.344%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

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-BP082423.MA.M
Title : SVOA CALIBRATION

37	13.698	1766	1770	1773	rBV	218619	294283	0.64%	0.100%
38	13.734	1773	1776	1785	rVB3	196910	342989	0.75%	0.116%
39	13.828	1785	1792	1794	rBV3	247524	423357	0.93%	0.143%
40	13.987	1813	1819	1824	rVV	585067	1021696	2.24%	0.346%
41	14.045	1824	1829	1831	rVV	298232	443342	0.97%	0.150%
42	14.093	1831	1837	1846	rVB	5111774	7127080	15.62%	2.414%
43	14.228	1854	1860	1863	rBV	224042	341008	0.75%	0.115%
44	14.257	1863	1865	1871	rVB	110643	147455	0.32%	0.050%
45	14.381	1878	1886	1900	rBV	5468991	8897442	19.50%	3.014%
46	14.645	1925	1931	1932	rBV	328248	434070	0.95%	0.147%
47	14.681	1932	1937	1942	rVV	3471769	5169514	11.33%	1.751%
48	14.745	1942	1948	1955	rVV	13108046	18683008	40.94%	6.328%
49	14.834	1956	1963	1968	rVV	3947866	5841746	12.80%	1.979%
50	14.881	1968	1971	1979	rVV3	334303	549803	1.20%	0.186%
51	14.981	1980	1988	1993	rBV3	235535	395131	0.87%	0.134%
52	15.081	1998	2005	2009	rVV	7365227	10815876	23.70%	3.663%
53	15.116	2009	2011	2018	rVV	1473542	1951022	4.28%	0.661%
54	15.204	2018	2026	2031	rVV2	239927	556881	1.22%	0.189%
55	15.675	2089	2106	2111	rBV	7434991	10978189	24.06%	3.718%
56	15.728	2111	2115	2121	rVB	6239047	8740189	19.15%	2.960%
57	15.792	2121	2126	2132	rBV	2142003	2979903	6.53%	1.009%
58	15.845	2132	2135	2139	rVV3	138277	190693	0.42%	0.065%
59	15.975	2154	2157	2160	rVV2	118364	146570	0.32%	0.050%
60	16.016	2160	2164	2175	rVB2	325842	605959	1.33%	0.205%
61	16.169	2175	2190	2196	rBV2	508179	1128286	2.47%	0.382%
62	16.422	2227	2233	2239	rBV	1537345	2270056	4.97%	0.769%
63	16.522	2246	2250	2256	rBV2	119813	169354	0.37%	0.057%
64	16.610	2259	2265	2272	rVB2	152121	276113	0.61%	0.094%
65	16.704	2274	2281	2283	rBV3	179135	347883	0.76%	0.118%
66	16.728	2283	2285	2291	rVV2	172779	230903	0.51%	0.078%
67	17.069	2338	2343	2344	rBV	263041	328865	0.72%	0.111%
68	17.098	2344	2348	2355	rVB	2015065	2881773	6.32%	0.976%
69	17.263	2366	2376	2381	rBV	526228	867137	1.90%	0.294%
70	17.334	2384	2388	2391	rVV2	118675	208697	0.46%	0.071%
71	17.392	2395	2398	2401	rVV	166797	227474	0.50%	0.077%
72	17.445	2401	2407	2411	rVV	4588765	6663180	14.60%	2.257%
73	17.486	2411	2414	2419	rVV	4248612	6218034	13.63%	2.106%
74	17.545	2419	2424	2438	rVV	8601299	12832430	28.12%	4.346%
75	17.657	2438	2443	2453	rVB3	213342	413340	0.91%	0.140%
76	17.810	2464	2469	2472	rBV2	177067	240686	0.53%	0.082%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

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-BP082423.MA.M
Title : SVOA CALIBRATION

77	17.869	2472	2479	2484	rVV	16110456	22704336	49.75%	7.690%
78	17.910	2484	2486	2489	rVV2	143472	179093	0.39%	0.061%
79	17.945	2489	2492	2499	rVB4	148744	232514	0.51%	0.079%
80	18.010	2499	2503	2508	rVB	216254	291363	0.64%	0.099%
81	18.086	2508	2516	2520	rBV2	181779	305283	0.67%	0.103%
82	18.133	2520	2524	2531	rBV4	125808	261951	0.57%	0.089%
83	18.275	2543	2548	2552	rBV2	380475	573644	1.26%	0.194%
84	18.351	2556	2561	2569	rVB2	1016772	1482177	3.25%	0.502%
85	18.428	2569	2574	2580	rBV	188061	296386	0.65%	0.100%
86	18.498	2580	2586	2594	rVB2	378123	639517	1.40%	0.217%
87	18.575	2594	2599	2601	rBV	206541	284457	0.62%	0.096%
88	18.604	2601	2604	2608	rVB2	216011	249179	0.55%	0.084%
89	18.645	2608	2611	2615	rBV	451607	568357	1.25%	0.193%
90	18.739	2622	2627	2631	rBV	618026	866278	1.90%	0.293%
91	18.786	2631	2635	2639	rVV	213725	294564	0.65%	0.100%
92	19.345	2725	2730	2736	rVB4	130796	227448	0.50%	0.077%
93	19.416	2737	2742	2744	rBV2	110564	172442	0.38%	0.058%
94	19.445	2744	2747	2753	rVB	415212	530330	1.16%	0.180%
95	19.780	2798	2804	2817	rBV	11109503	14412092	31.58%	4.881%
96	20.186	2869	2873	2878	rVB	298476	375015	0.82%	0.127%
97	20.251	2879	2884	2893	rBV	494263	704858	1.54%	0.239%
98	21.539	3098	3103	3114	rBV	4784874	6164738	13.51%	2.088%
99	23.939	3503	3511	3523	rVB2	5268486	10877218	23.84%	3.684%
100	24.110	3533	3540	3553	rVB	2417416	5247903	11.50%	1.777%

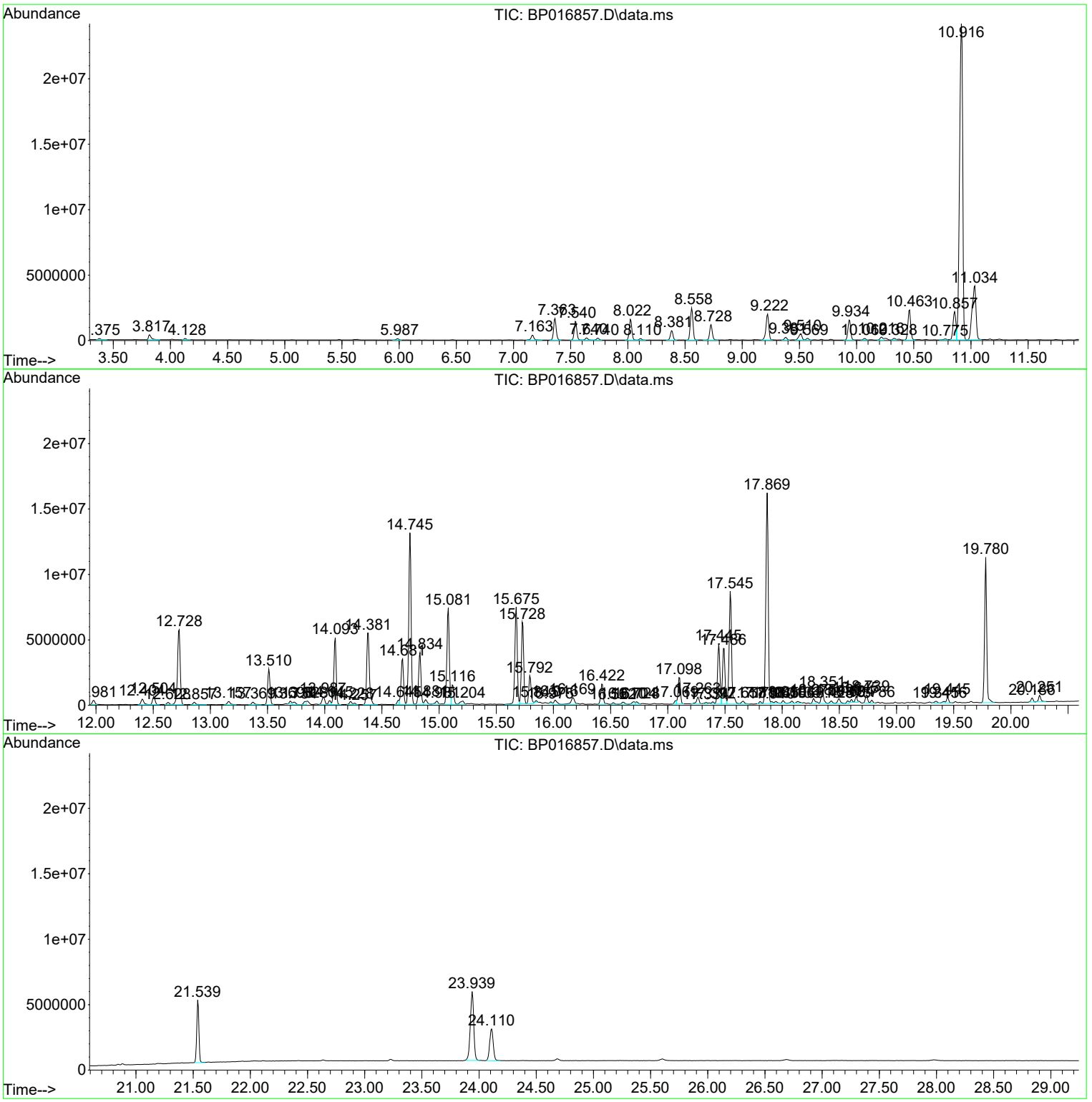
Sum of corrected areas: 295249415

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

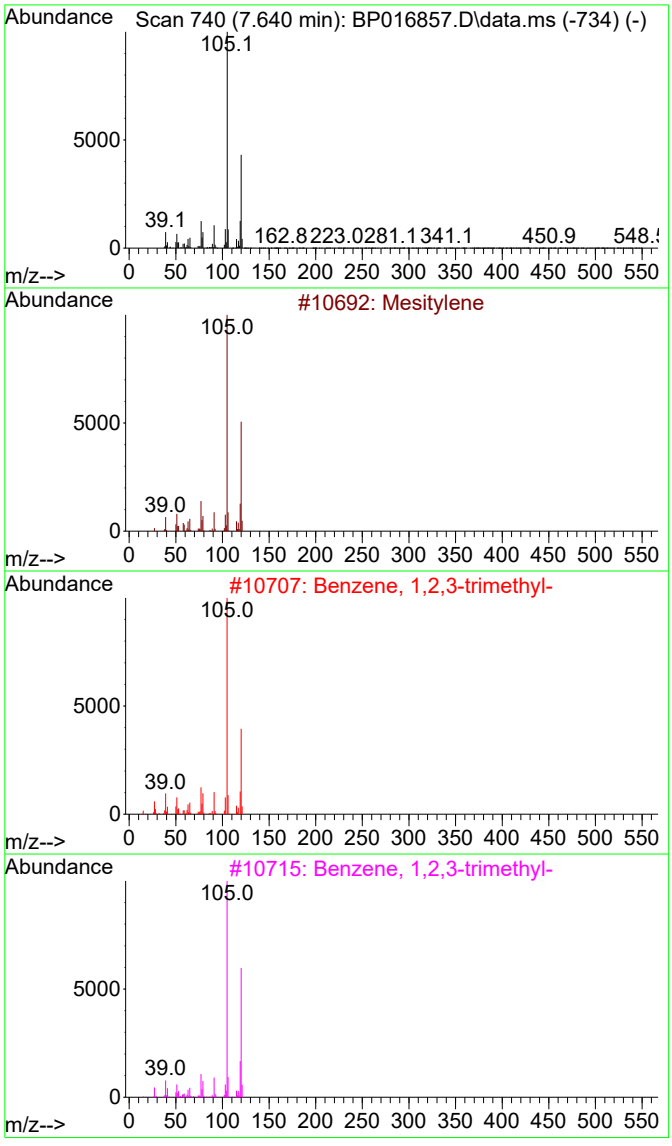
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

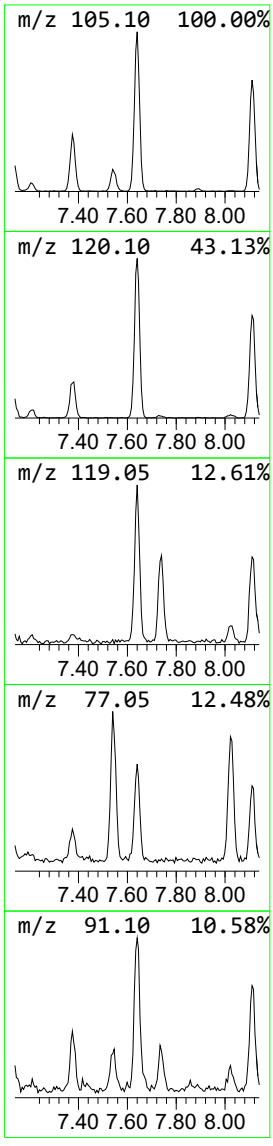
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.640	2.13 ng/ul	263881	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

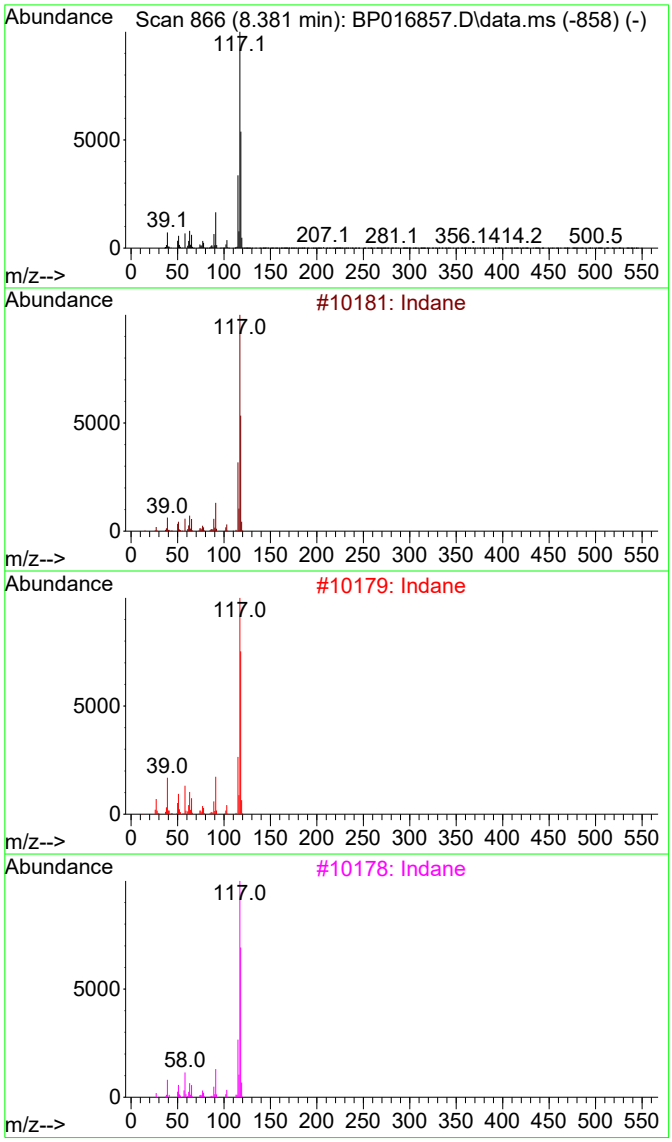
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

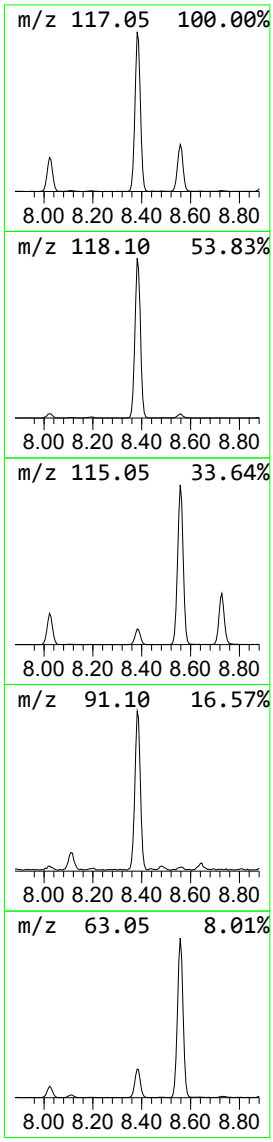
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.381	9.14 ng/ul	1133840	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

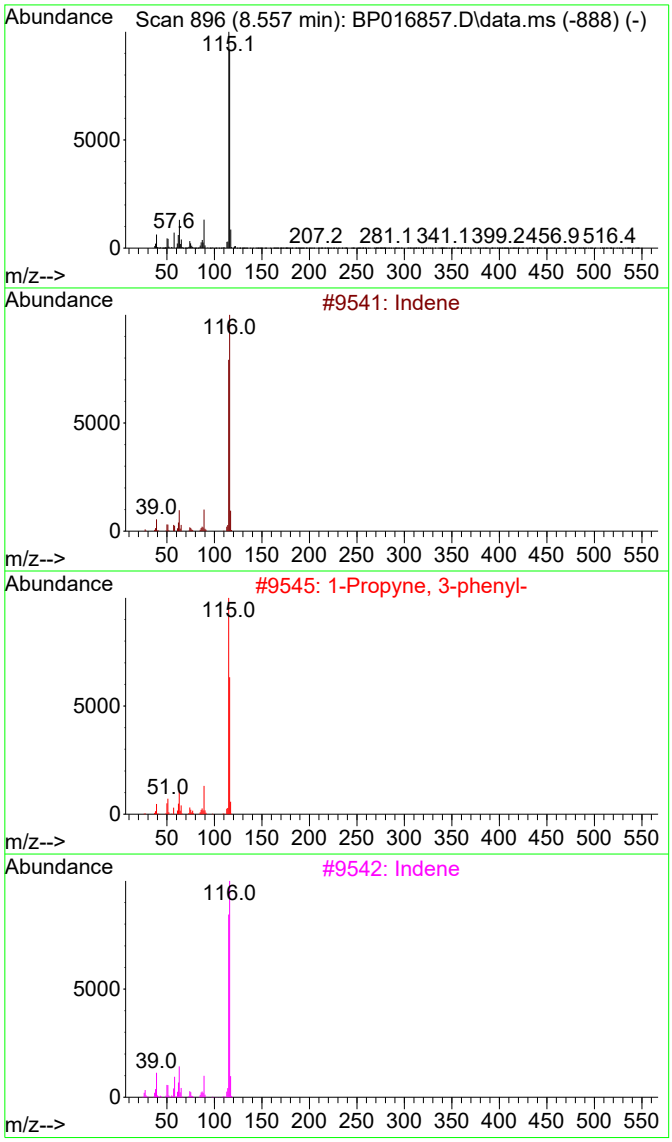
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

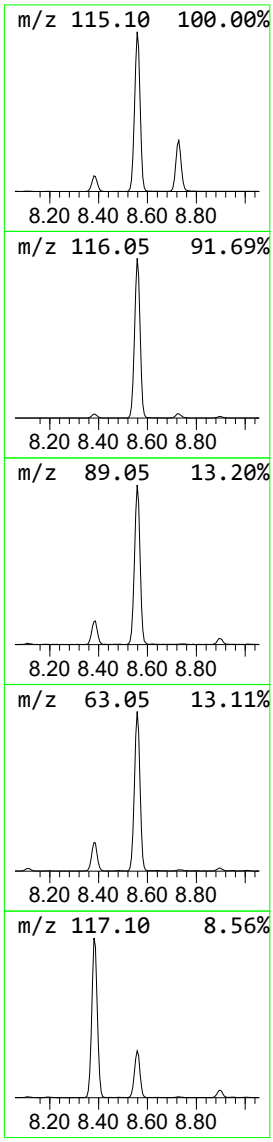
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	31.11 ng/ul	3857210	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

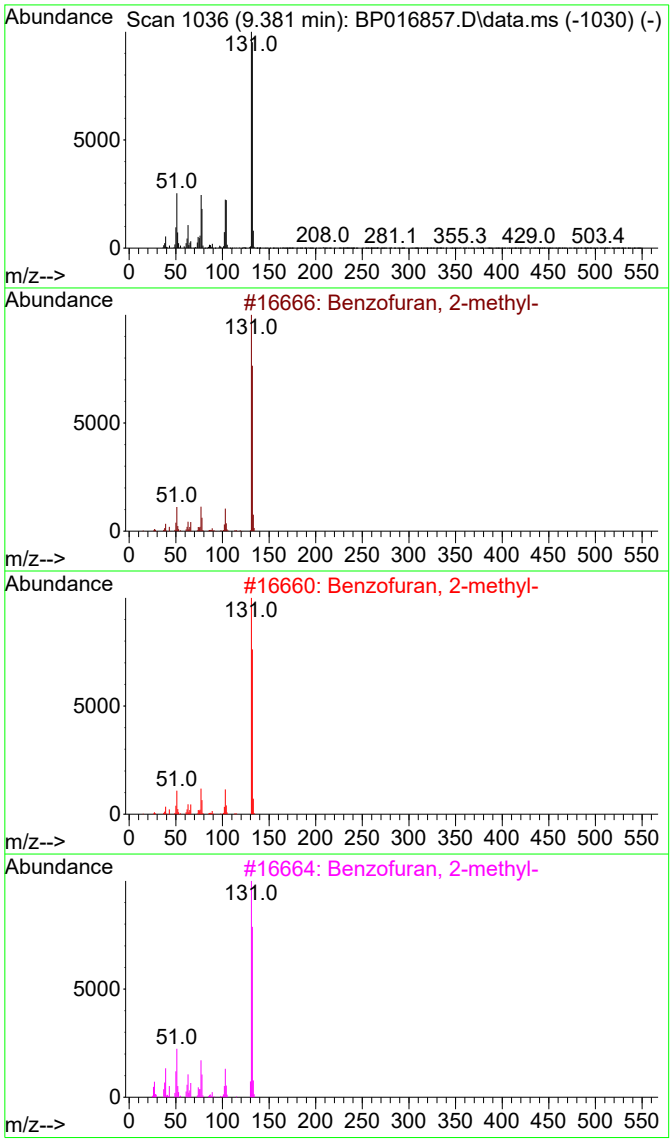
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

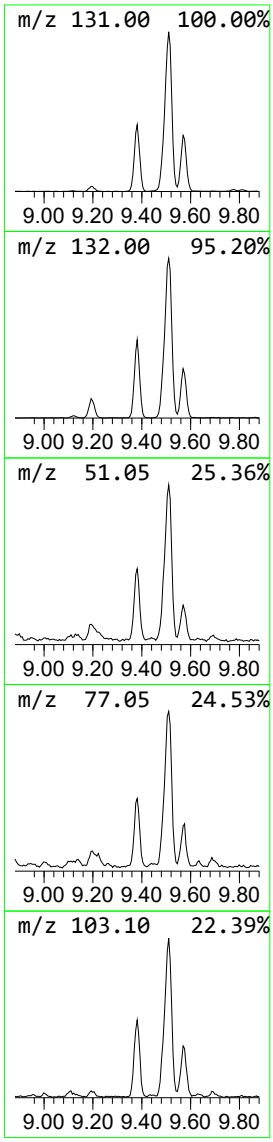
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	2.64 ng/ul	327942	1,4-Dichlorobenzene-d4	8.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

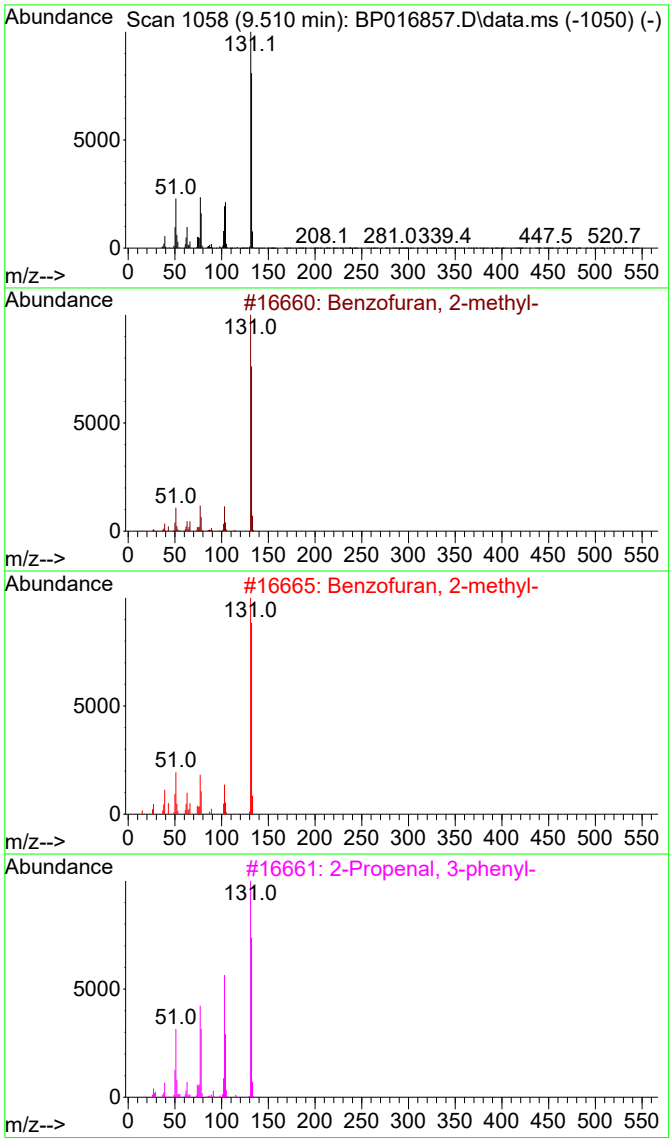
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

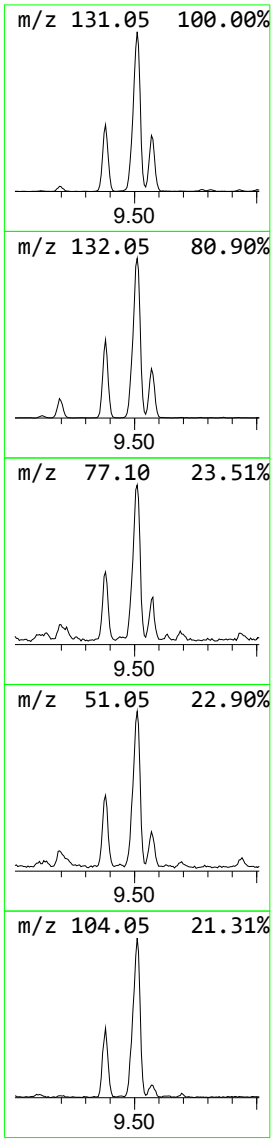
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propenal, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	4.92 ng/ul	929108	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

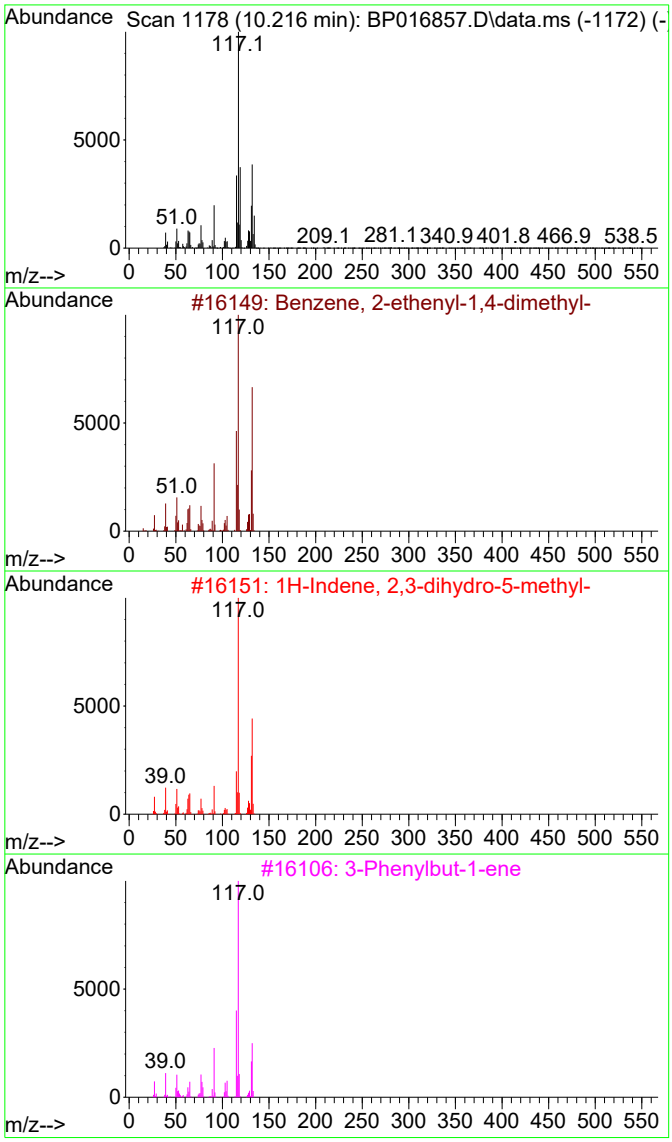
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

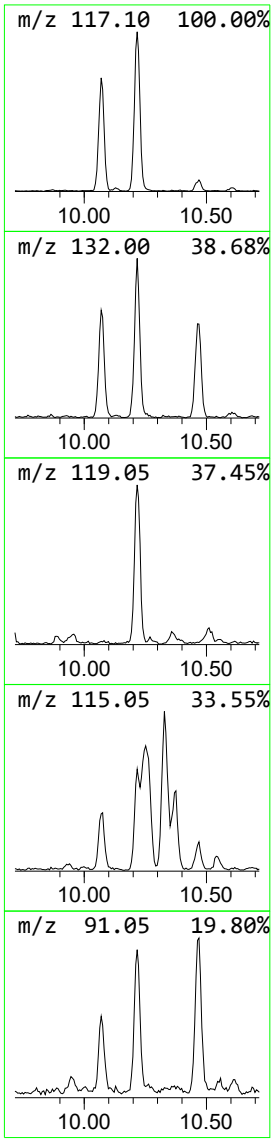
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	2.21 ng/ul	416953	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

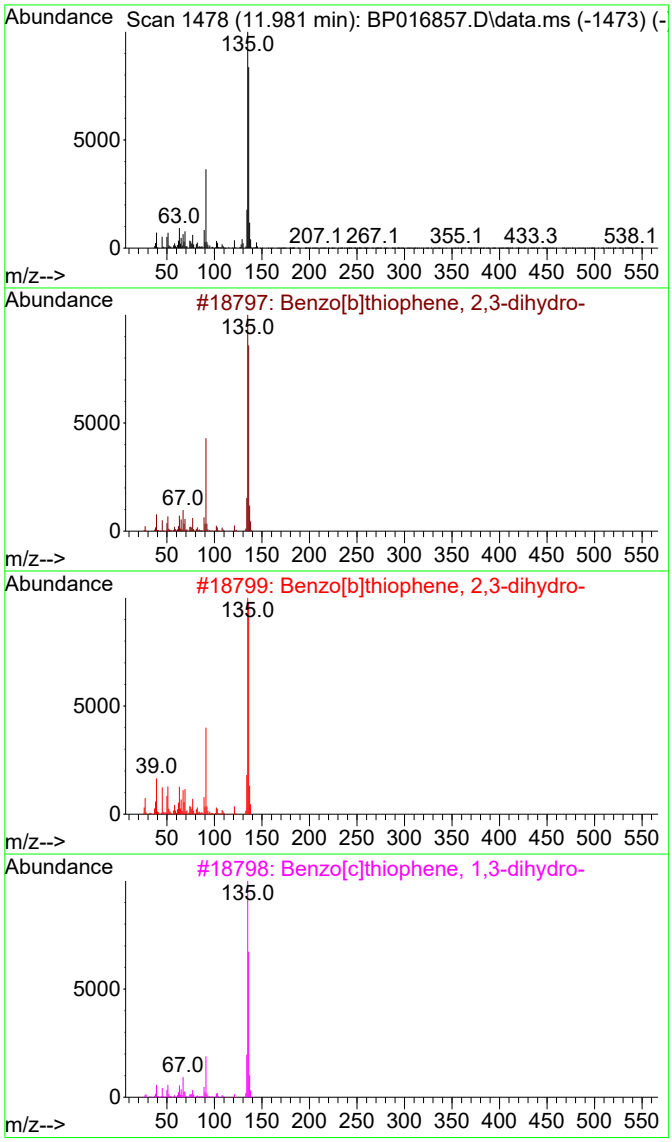
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

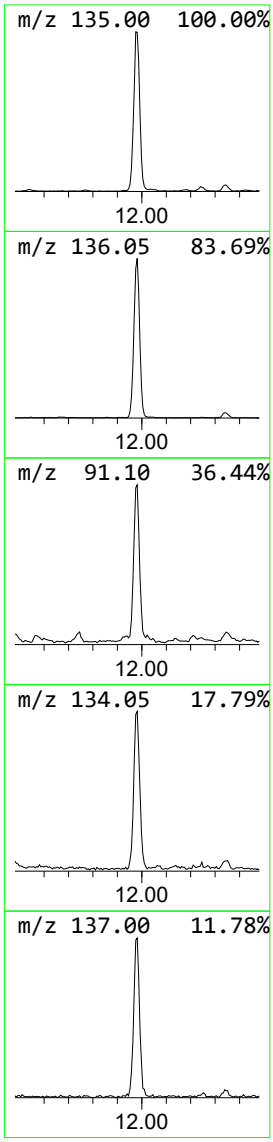
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.981	2.58 ng/ul	486631	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
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	87
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

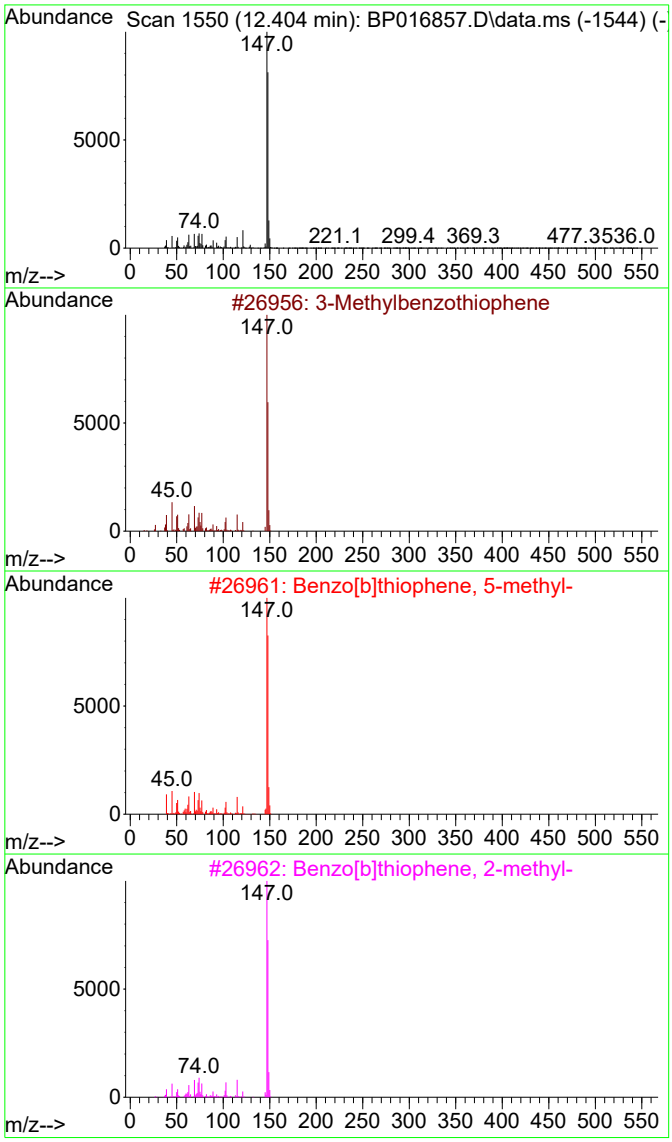
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

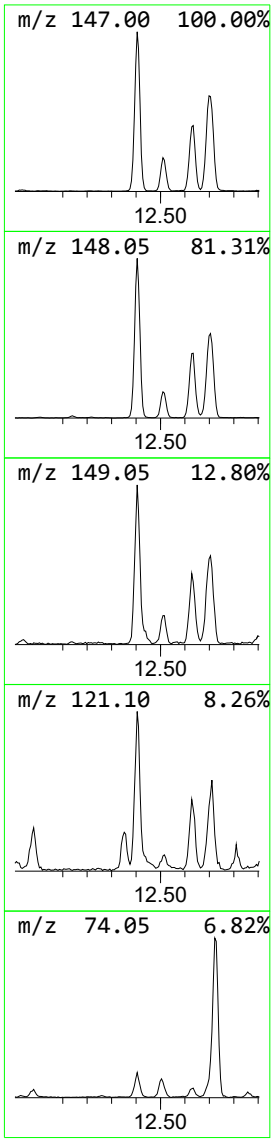
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Methylbenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	3.90 ng/ul	735927	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

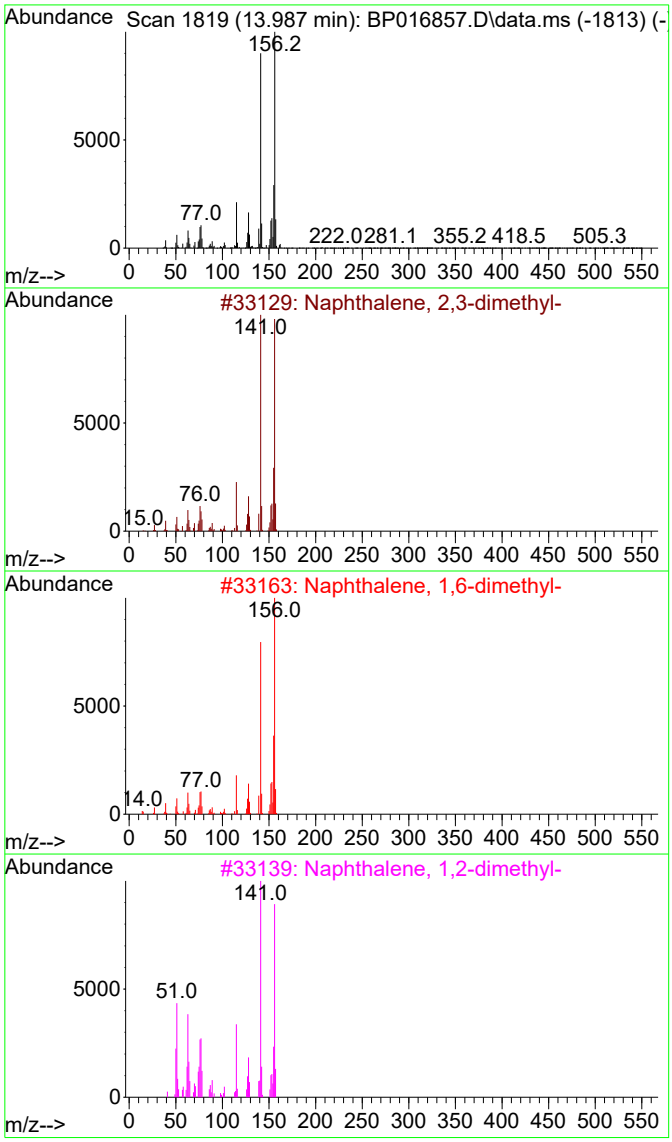
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

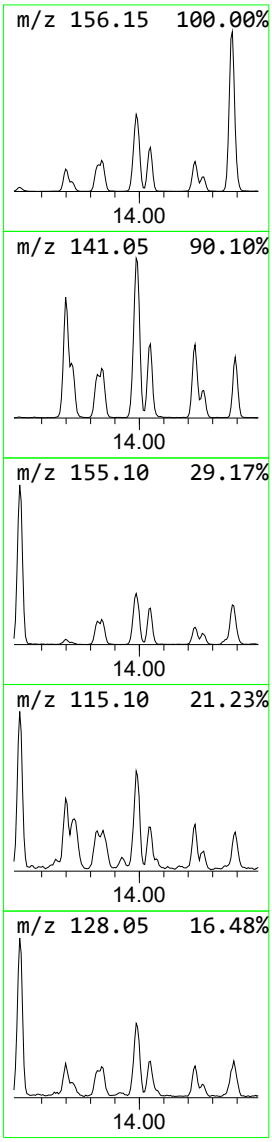
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.987	3.95 ng/ul	1021700	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

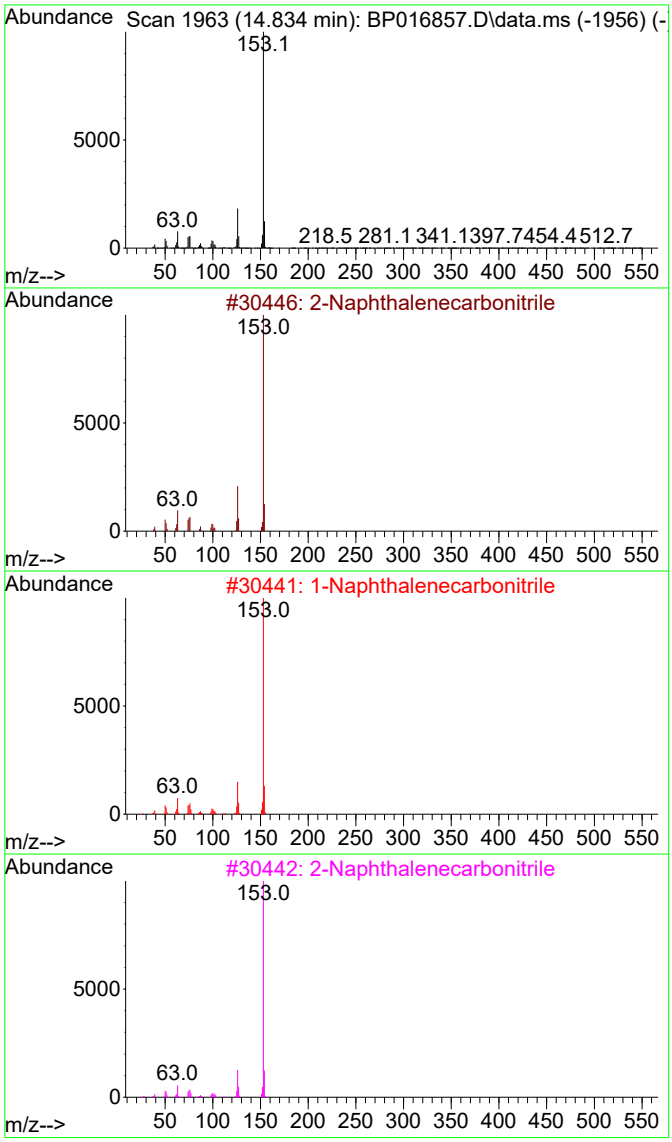
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

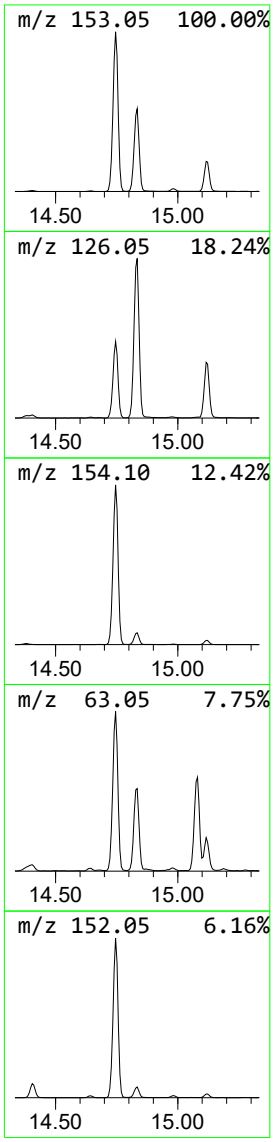
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	22.60 ng/ul	5841750	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
4	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

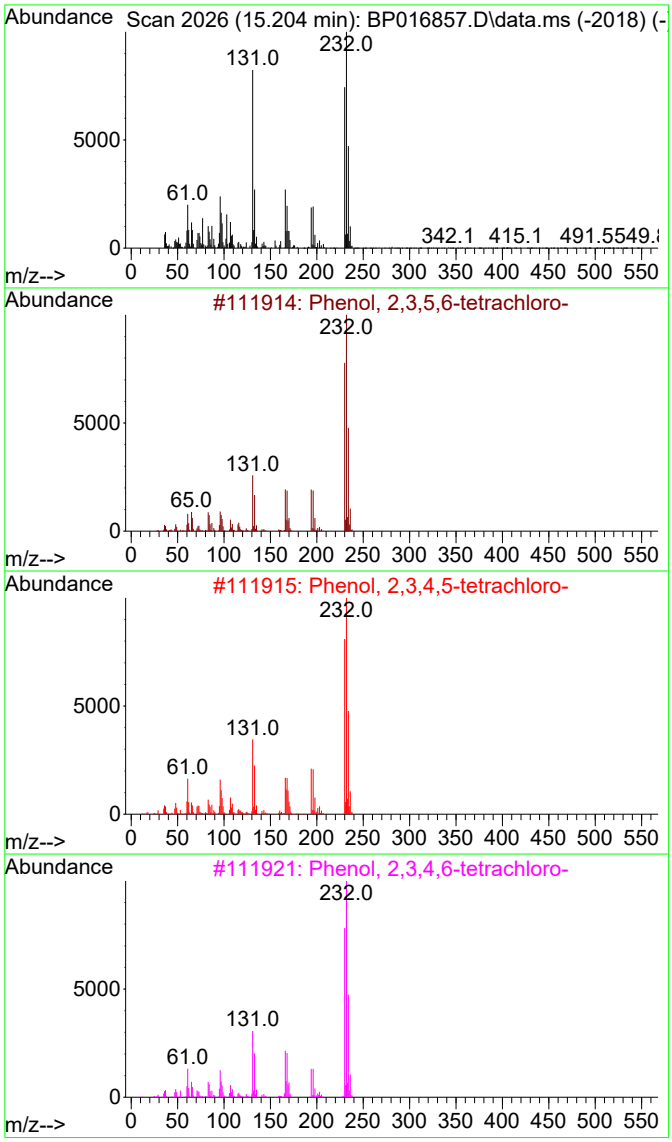
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

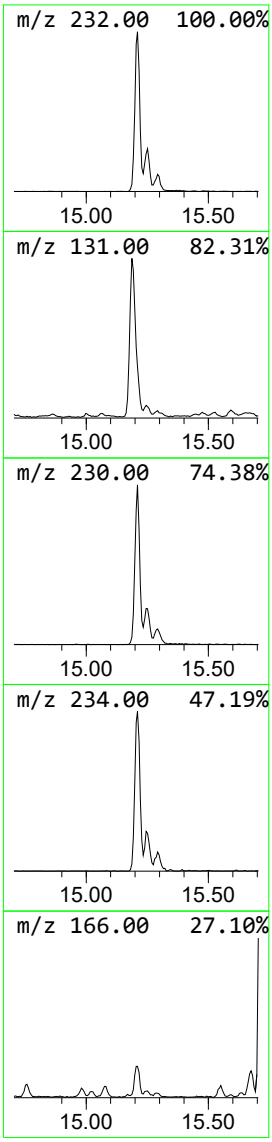
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	2.15 ng/ul	556881	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
2	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	90
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

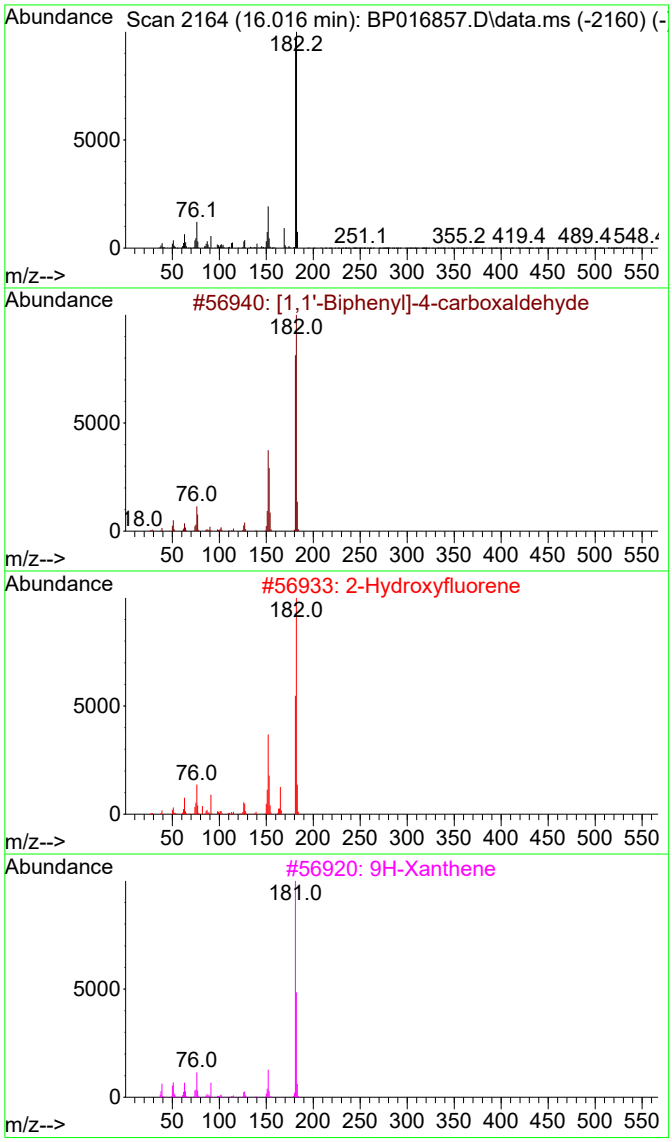
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

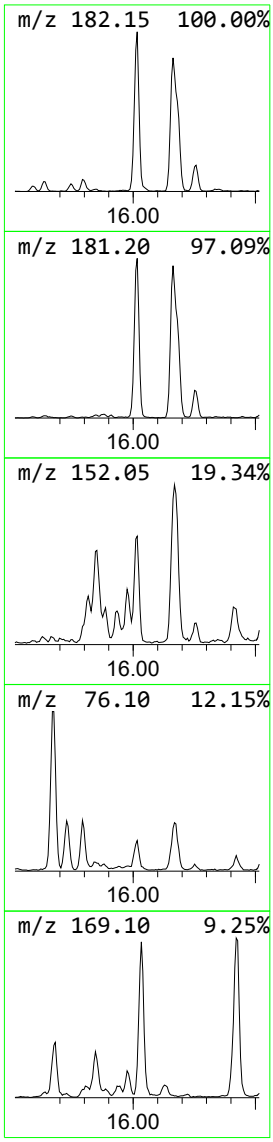
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.016	2.34 ng/ul	605959	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53
3	9H-Xanthene	182	C13H10O	000092-83-1	53
4	9H-Xanthene	182	C13H10O	000092-83-1	52
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

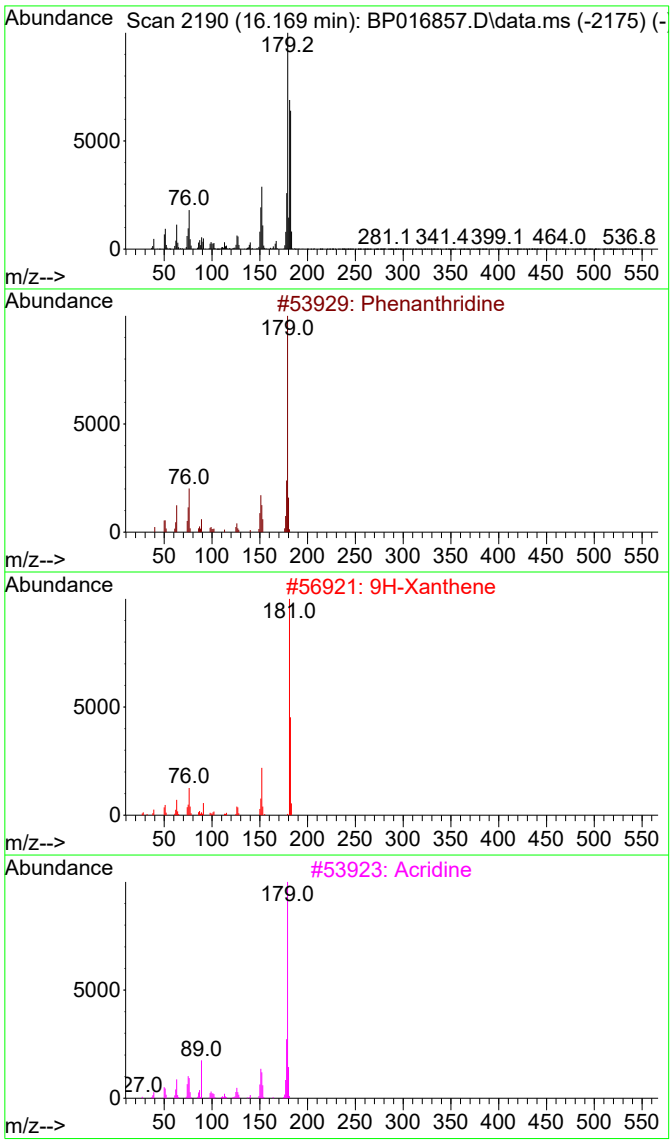
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

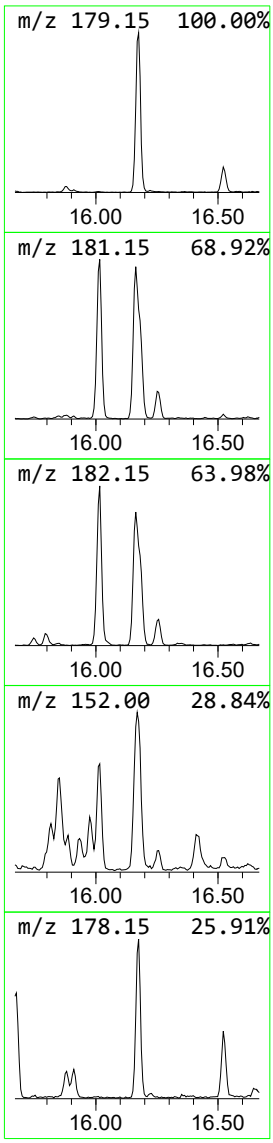
****

Peak Number 13 Phenanthridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	3.39 ng/ul	1128290	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	95
2	9H-Xanthene	182	C13H10O	000092-83-1	70
3	Acridine	179	C13H9N	000260-94-6	70
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	70
5	Acridine	179	C13H9N	000260-94-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

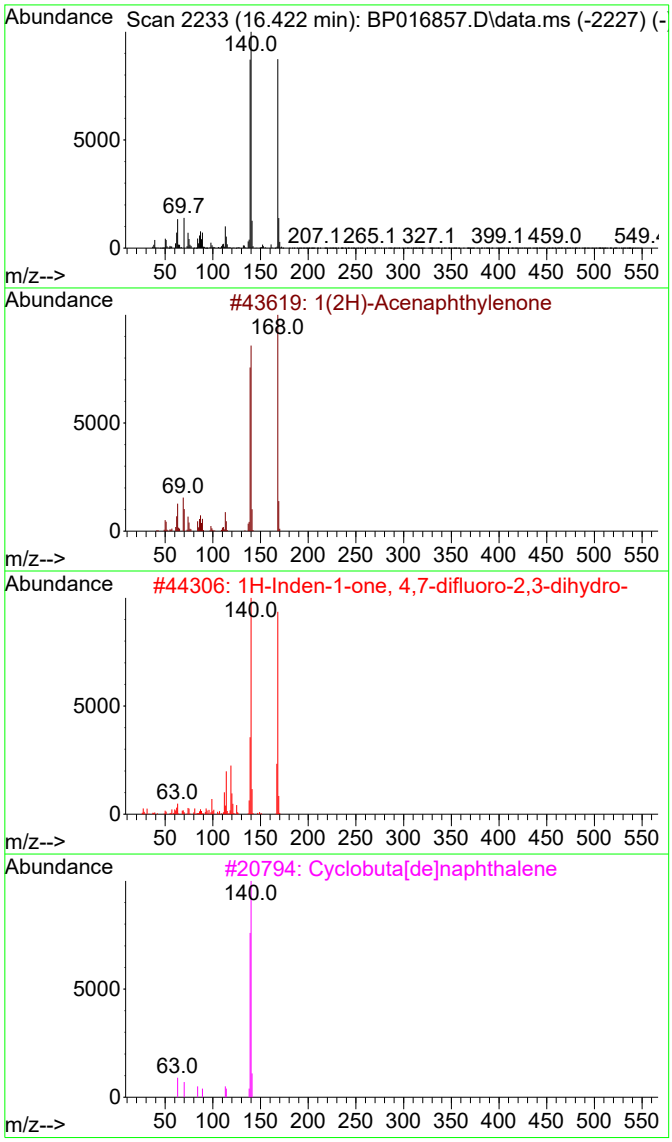
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

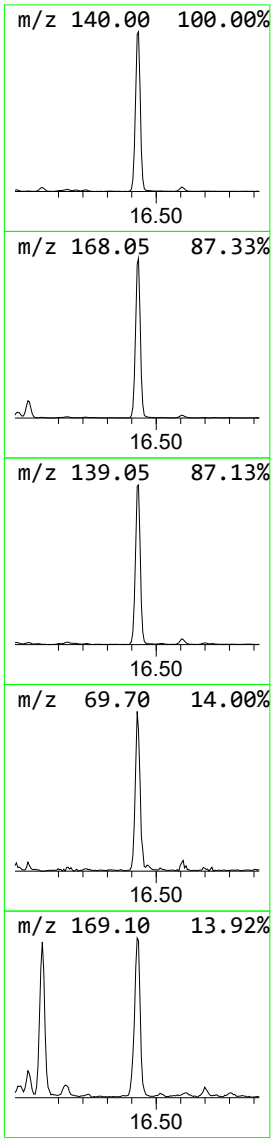
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1(2H)-Acenaphthylenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	6.81 ng/ul	2270060	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

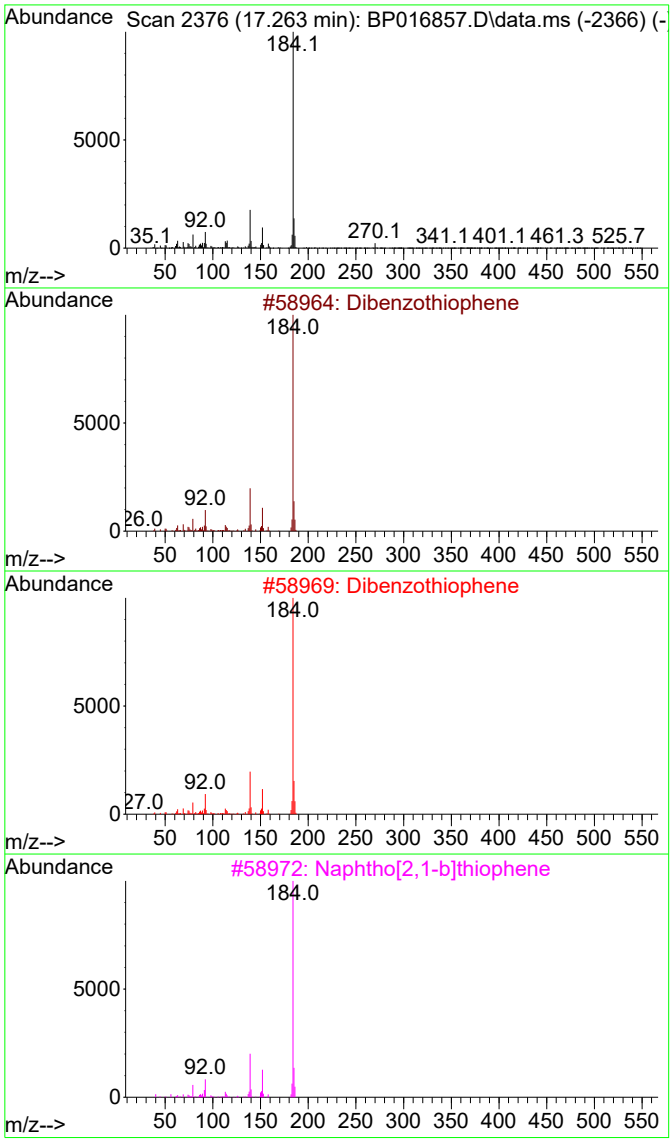
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

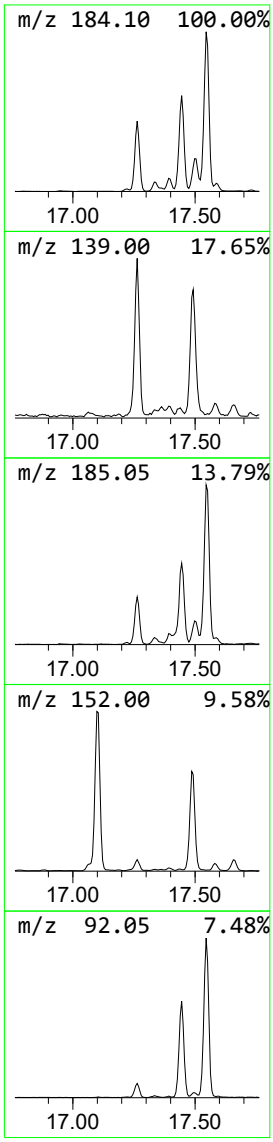
****

Peak Number 15 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.263	2.60 ng/ul	867137	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

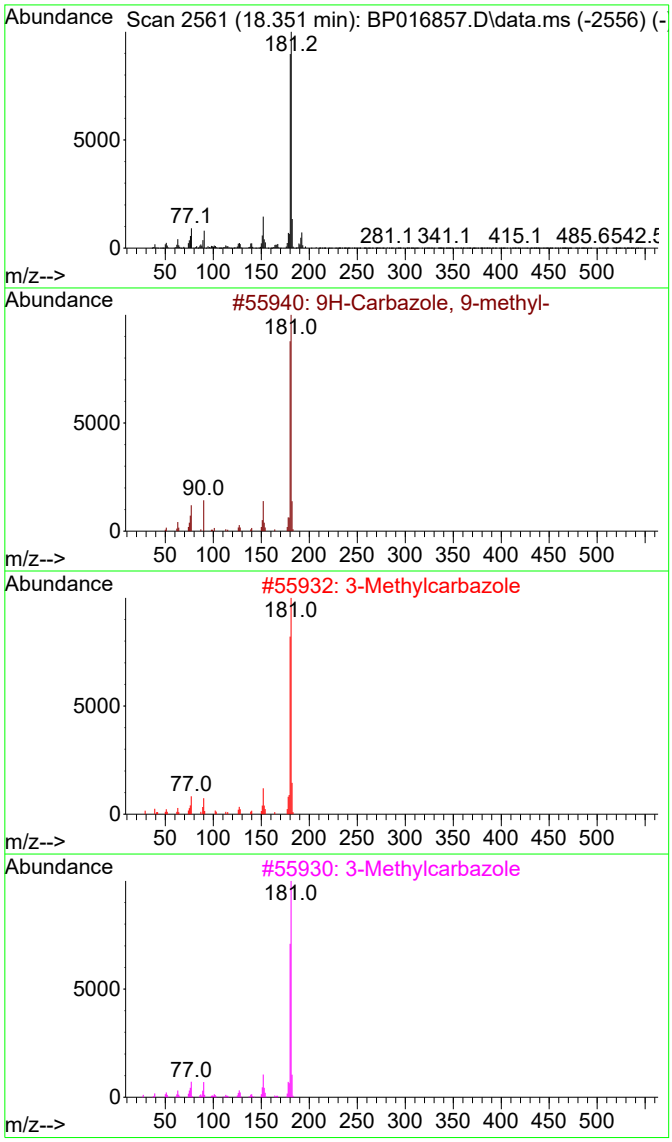
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

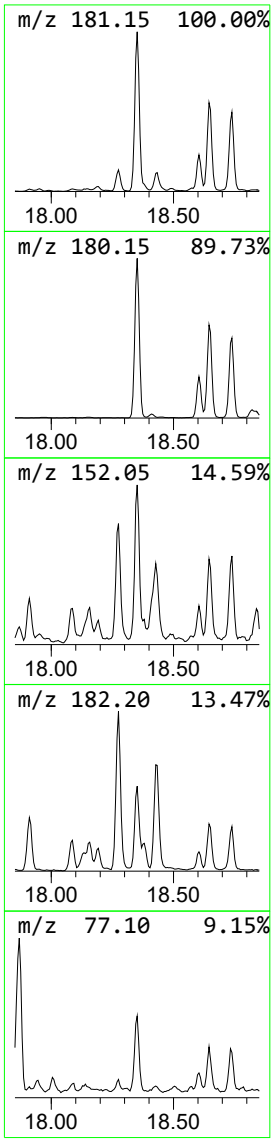
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9H-Carbazole, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	4.45 ng/ul	1482180	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	94
3	3-Methylcarbazole	181	C13H11N	004630-20-0	94
4	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	94
5	2-Fluorenamine	181	C13H11N	000153-78-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

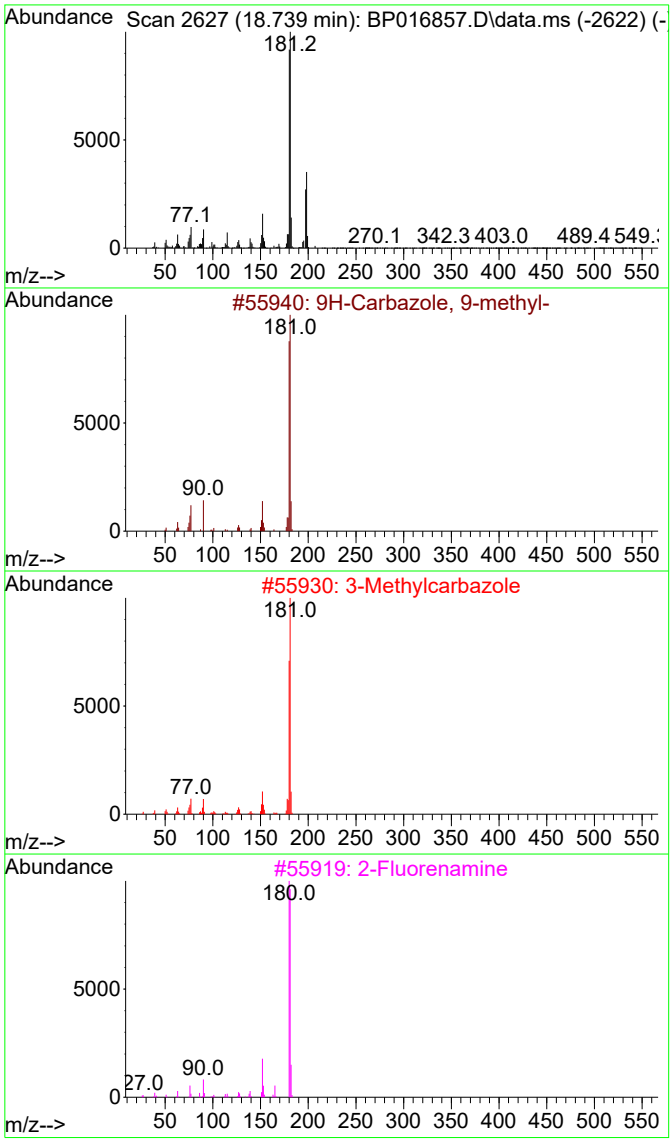
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

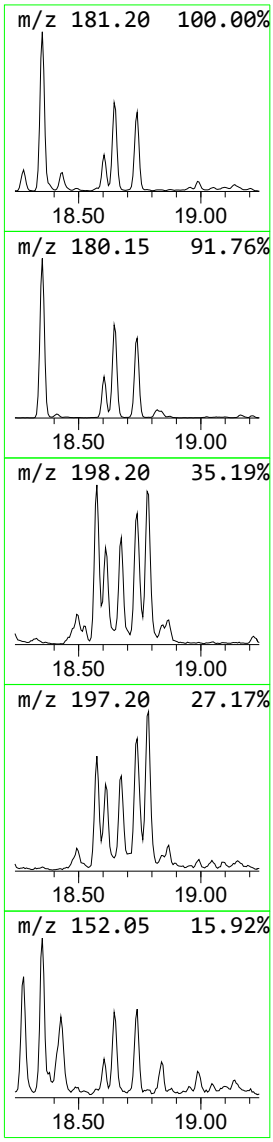
****

Peak Number 17 3-Methylcarbazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	2.60 ng/ul	866278	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	93
2	3-Methylcarbazole	181	C13H11N	004630-20-0	93
3	2-Fluorenamine	181	C13H11N	000153-78-6	93
4	4-Methylcarbazole	181	C13H11N	003770-48-7	92
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

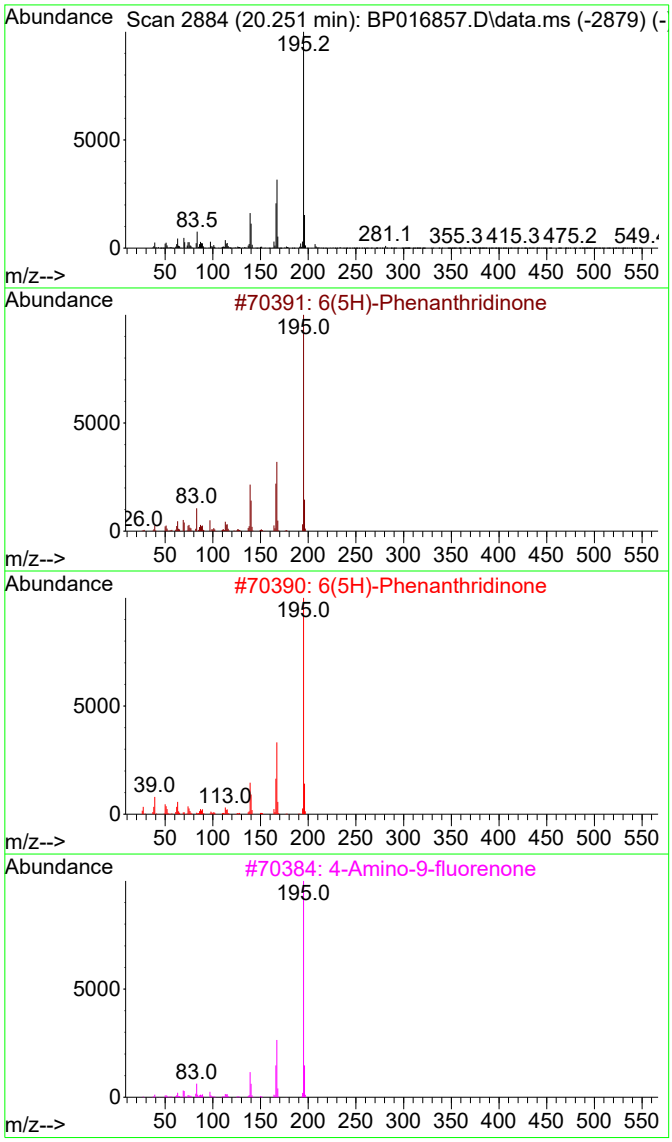
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

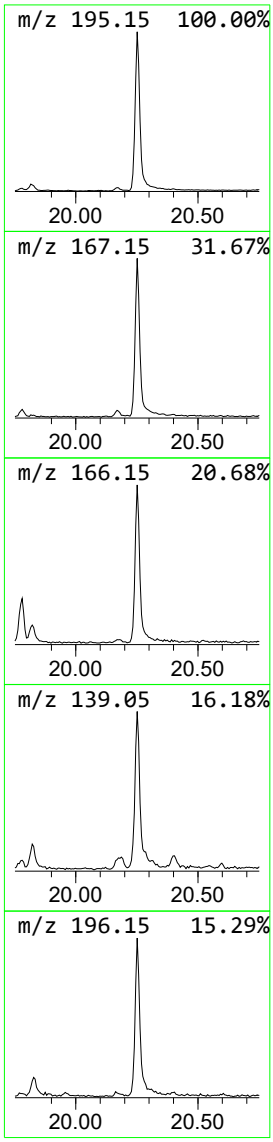
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6(5H)-Phenanthridinone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.251	2.29 ng/ul	704858	Chrysene-d12	21.539

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016857.D
Acq On : 30 Aug 2023 05:50
Operator : MA/JU
Sample : 04159-10
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCHK7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.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
Mesitylene	7.640	2.1	ng/ul	263881	1	8.022	2479820	20.0
Indane	8.381	9.1	ng/ul	1133840	1	8.022	2479820	20.0
Indene	8.557	31.1	ng/ul	3857210	1	8.022	2479820	20.0
Benzofuran, 2-m...	9.381	2.6	ng/ul	327942	1	8.022	2479820	20.0
2-Propenal, 3-p...	9.510	4.9	ng/ul	929108	2	10.857	3777980	20.0
Benzene, 2-ethe...	10.216	2.2	ng/ul	416953	2	10.857	3777980	20.0
Benzo[b]thiophe...	11.981	2.6	ng/ul	486631	2	10.857	3777980	20.0
3-Methylbenzoth...	12.404	3.9	ng/ul	735927	2	10.857	3777980	20.0
Naphthalene, 2,...	13.987	4.0	ng/ul	1021700	3	14.681	5169510	20.0
2-Naphthaleneca...	14.834	22.6	ng/ul	5841750	3	14.681	5169510	20.0
Phenol, 2,3,5,6...	15.204	2.1	ng/ul	556881	3	14.681	5169510	20.0
[1,1'-Biphenyl]...	16.016	2.3	ng/ul	605959	3	14.681	5169510	20.0
Phenanthridine	16.169	3.4	ng/ul	1128290	4	17.445	6663180	20.0
1(2H)-Acenaphth...	16.422	6.8	ng/ul	2270060	4	17.445	6663180	20.0
Dibenzothiophene	17.263	2.6	ng/ul	867137	4	17.445	6663180	20.0
9H-Carbazole, 9...	18.351	4.5	ng/ul	1482180	4	17.445	6663180	20.0
3-Methylcarbazole	18.739	2.6	ng/ul	866278	4	17.445	6663180	20.0
6(5H)-Phenanthr...	20.251	2.3	ng/ul	704858	5	21.539	6164740	20.0