LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

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-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP011878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	4	8	32	rVB	4925447	6288266	84.16%	7.304%
2	3.728	124	126	142	rBV	216451	334302	4.47%	0.388%
3	5.387	401	408	416	rBV	296616	441285	5.91%	0.513%
4	5.887	486	493	507	rVB	113314	177062	2.37%	0.206%
5	7.052	683	691	712	rVB	182690	346194	4.63%	0.402%
6	7.222	712	720	726	rBV	729982	1197098	16.02%	1.390%
7	7.422	747	754	762	rBV	686033	1148407	15.37%	1.334%
8	7.893	826	834	843	rVV	751001	1222185	16.36%	1.420%
9	8.263	891	897	908	rVB	117747	188727	2.53%	0.219%
10	8.428	915	925	935	rBV	580591	963290	12.89%	1.119%
11	8.599	947	954	967	rBV	537415	935920	12.53%	1.087%
12	9.057	1024	1032	1047	rVV	785680	1366407	18.29%	1.587%
13	9.251	1056	1065	1072	rBV	237828	390065	5.22%	0.453%
14	9.363	1079	1084	1091	rVV	114397	208614	2.79%	0.242%
15	9.440	1091	1097	1106	rVV	179869	323632	4.33%	0.376%
16	9.522	1106	1111	1118	rVB	93539	148386	1.99%	0.172%
17	9.781	1146	1155	1165	rBV	595848	993549	13.30%	1.154%
18	10.104	1203	1210	1219	rBV3	47642	114786	1.54%	0.133%
19	10.193	1219	1225	1229	rBV2	122063	215281	2.88%	0.250%
20	10.234	1229	1232	1240	rVB	62205	102893	1.38%	0.120%
21	10.316	1240	1246	1256	rBV	913967	1606599	21.50%	1.866%
22	10.698	1304	1311	1316	rVV	1003088	1720086	23.02%	1.998%
23	10.751	1316	1320	1328	rVB2	185742	333543	4.46%	0.387%
24	10.840	1328	1335	1339	rBV	847320	1529125	20.47%	1.776%
25	10.881	1339	1342	1349	rVV2	361038	732537	9.80%	0.851%
26	10.946	1349	1353	1357	rVV	176263	309645	4.14%	0.360%
27	10.993	1357	1361	1368	rVV2	126556	224446	3.00%	0.261%
28	11.116	1377	1382	1388	rVV	266709	504035	6.75%	0.585%
29	11.175	1388	1392	1397	rVV	79715	133271	1.78%	0.155%
30	11.287	1403	1411	1419	rVB2	52277	106839	1.43%	0.124%
31	11.469	1436	1442	1447	rBV2	71398	123493	1.65%	0.143%
32	11.534	1447	1453	1461	rBV4	28652	78946	1.06%	0.092%
33	11.816	1492	1501	1504	rBV	77075	148902	1.99%	0.173%
34	11.893	1509	1514	1524	rVB	79165	159257	2.13%	0.185%
35	12.257	1570	1576	1591	rVV	381414	696045	9.32%	0.808%
36	12.416	1597	1603	1607	rBV	79168	120594	1.61%	0.140%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

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-BP093022.M
Title : SVOA CALIBRATION

37	12.469	1607	1612	1617	rVV5	35775	77820	1.04%	0.090%
38	12.545	1617	1625	1638	rVB3	119816	316929	4.24%	0.368%
39	12.687	1640	1649	1658	rBV4	63718	129992	1.74%	0.151%
40	13.545	1791	1795	1798	rVV3	62530	101450	1.36%	0.118%
41	13.592	1798	1803	1810	rVB2	168628	277098	3.71%	0.322%
42	13.704	1813	1822	1830	rBV2	101025	221096	2.96%	0.257%
43	13.869	1840	1850	1855	rBV7	48619	116305	1.56%	0.135%
44	13.945	1856	1863	1874	rBV	1946695	2850605	38.15%	3.311%
45	14.092	1882	1888	1891	rBV	263013	416140	5.57%	0.483%
46	14.128	1891	1894	1900	rVB	236172	318242	4.26%	0.370%
47	14.228	1905	1911	1925	rVB	2170265	3606354	48.27%	4.189%
48	14.534	1957	1963	1969	rVV	1458312	2164263	28.97%	2.514%
49	14.598	1969	1974	1982	rVB	4478987	6586027	88.14%	7.650%
50	14.739	1993	1998	2006	rBV	112494	226052	3.03%	0.263%
51	14.845	2012	2016	2021	rVB	112945	157557	2.11%	0.183%
52	15.145	2060	2067	2074	rBV3	94515	225718	3.02%	0.262%
53	15.222	2074	2080	2082	rBV	50505	80741	1.08%	0.094%
54	15.486	2120	2125	2127	rBV	93346	128060	1.71%	0.149%
55	15.528	2127	2132	2137	rVV	3073487	4498751	60.21%	5.225%
56	15.586	2137	2142	2147	rVV	935536	1387105	18.56%	1.611%
57	15.645	2147	2152	2157	rVV	827308	1156973	15.48%	1.344%
58	15.710	2160	2163	2166	rVV	99883	155240	2.08%	0.180%
59	15.745	2166	2169	2173	rVV3	109099	180204	2.41%	0.209%
60	15.798	2174	2178	2181	rVV	81995	131188	1.76%	0.152%
61	15.839	2181	2185	2188	rVV	135783	200392	2.68%	0.233%
62	15.881	2188	2192	2197	rVB	172912	241927	3.24%	0.281%
63	15.981	2203	2209	2213	rBV5	49061	126630	1.69%	0.147%
64	16.028	2213	2217	2225	rVB	253349	472116	6.32%	0.548%
65	16.263	2251	2257	2264	rBV2	155687	268495	3.59%	0.312%
66	16.381	2271	2277	2284	rBV2	42529	80463	1.08%	0.093%
67	16.639	2317	2321	2334	rVB6	47733	115750	1.55%	0.134%
68	16.745	2334	2339	2347	rBV4	67961	130024	1.74%	0.151%
69	17.110	2393	2401	2407	rBV2	56145	118570	1.59%	0.138%
70	17.186	2408	2414	2417	rBV2	80206	147500	1.97%	0.171%
71	17.245	2421	2424	2427	rBV	108089	127996	1.71%	0.149%
72	17.292	2427	2432	2437	rVV	1747633	2442413	32.69%	2.837%
73	17.392	2443	2449	2459	rVB	3617818	5184653	69.39%	6.022%
74	17.786	2511	2516	2518	rBV	59188	89981	1.20%	0.105%
75	17.945	2535	2543	2547	rBV2	173698	410091	5.49%	0.476%
76	17.992	2547	2551	2555	rVV2	136636	202515	2.71%	0.235%

LSC Area Percent Report

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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

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-BP093022.M
Title : SVOA CALIBRATION

77	18.039	2555	2559	2564	rVB3	132478	221664	2.97%	0.257%
78	18.122	2569	2573	2579	rVV	174396	257912	3.45%	0.300%
79	18.175	2579	2582	2585	rVV2	128411	202759	2.71%	0.236%
80	18.204	2585	2587	2595	rVB2	128572	229205	3.07%	0.266%
81	18.275	2595	2599	2605	rVB	128217	174688	2.34%	0.203%
82	18.345	2606	2611	2615	rBV6	72189	141335	1.89%	0.164%
83	18.427	2621	2625	2628	rBV	190105	265971	3.56%	0.309%
84	18.463	2628	2631	2635	rVV	115769	167960	2.25%	0.195%
85	18.527	2638	2642	2646	rVV	103924	146724	1.96%	0.170%
86	18.580	2646	2651	2657	rVV2	416634	687278	9.20%	0.798%
87	18.633	2657	2660	2667	rVV	143907	204532	2.74%	0.238%
88	18.716	2671	2674	2682	rVB6	49215	91613	1.23%	0.106%
89	18.845	2692	2696	2700	rVB	105459	133640	1.79%	0.155%
90	18.904	2703	2706	2710	rVB3	69179	82457	1.10%	0.096%
91	19.022	2723	2726	2735	rVB7	81018	182785	2.45%	0.212%
92	19.404	2788	2791	2797	rVB2	63623	80328	1.08%	0.093%
93	19.622	2823	2828	2834	rBV	4964015	6518020	87.23%	7.571%
94	19.951	2881	2884	2886	rBV	87463	104250	1.40%	0.121%
95	20.016	2891	2895	2903	rVB2	133151	259543	3.47%	0.301%
96	20.180	2920	2923	2929	rBV3	63740	100069	1.34%	0.116%
97	20.716	3011	3014	3020	rVB4	126650	157972	2.11%	0.183%
98	21.374	3121	3126	3131	rBV	2568521	3280782	43.91%	3.811%
99	23.651	3506	3513	3526	rVB	3739311	7471861	100.00%	8.679%
100	23.810	3533	3540	3551	rVB2	1647212	3428941	45.89%	3.983%

Sum of corrected areas: 86095427

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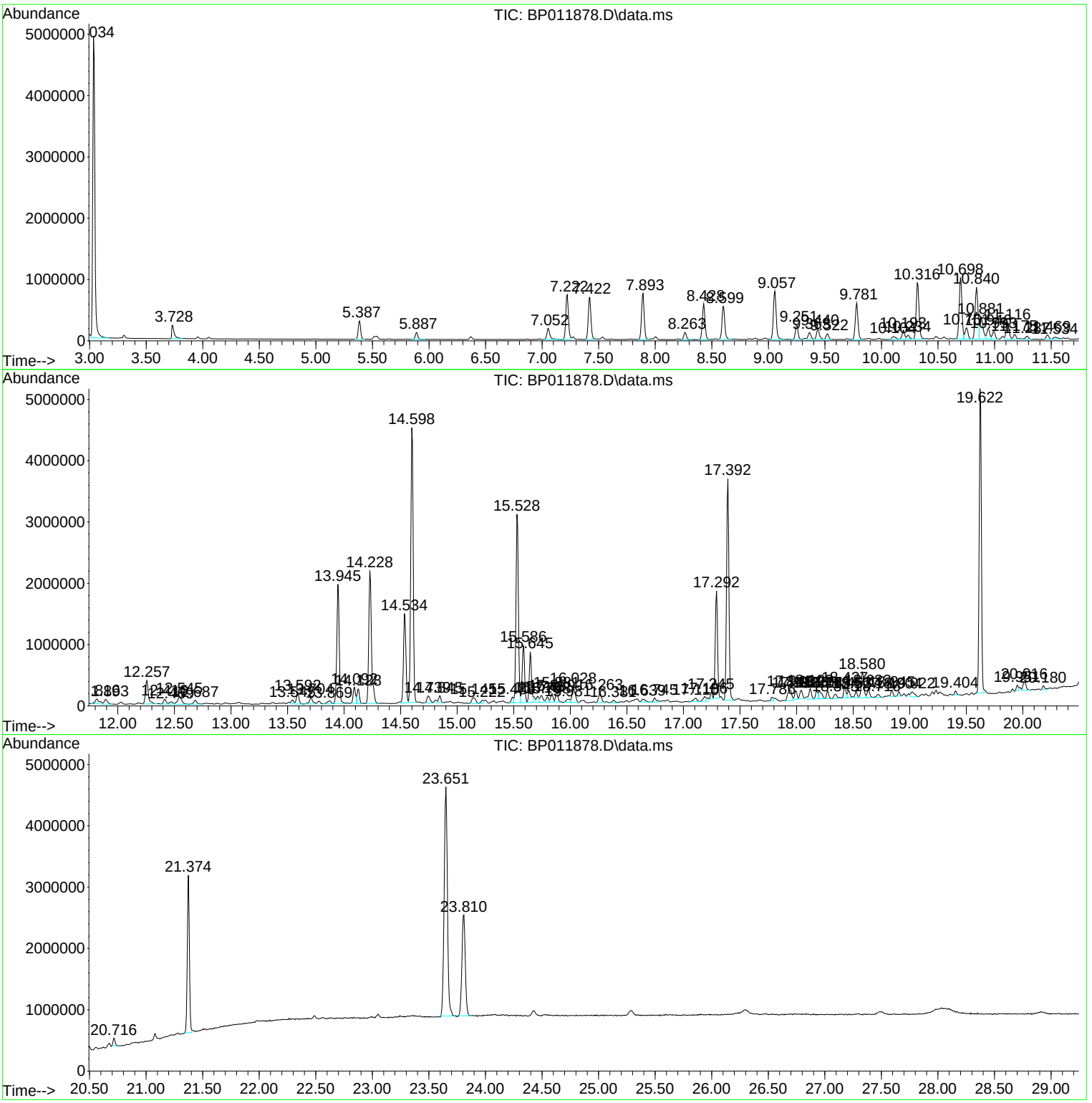
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
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Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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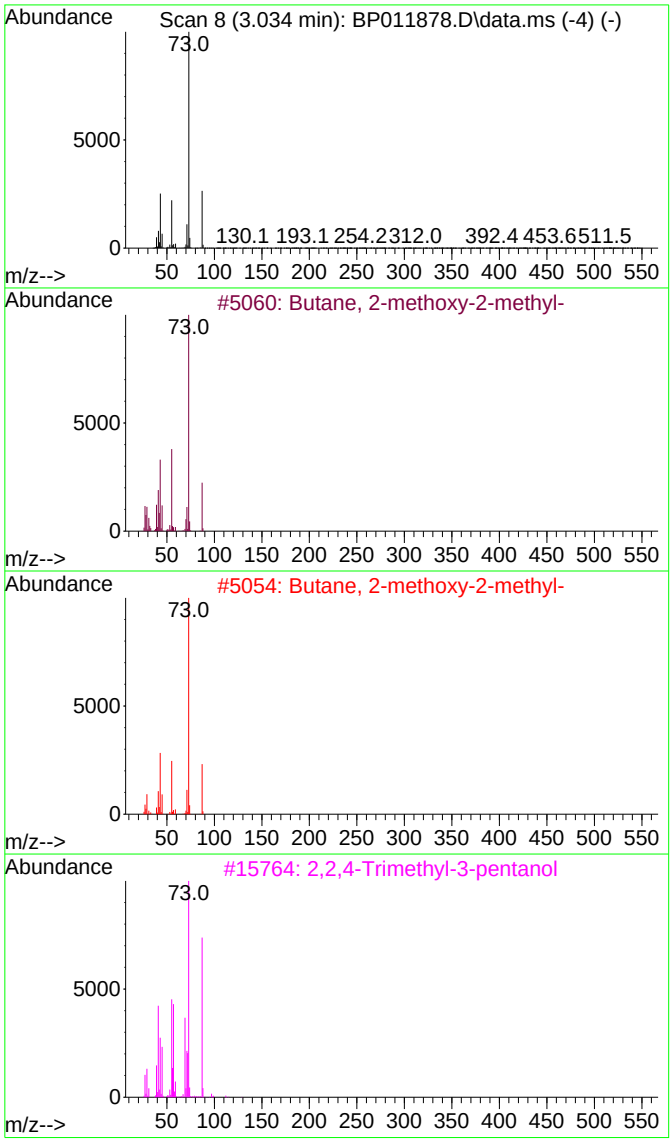
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

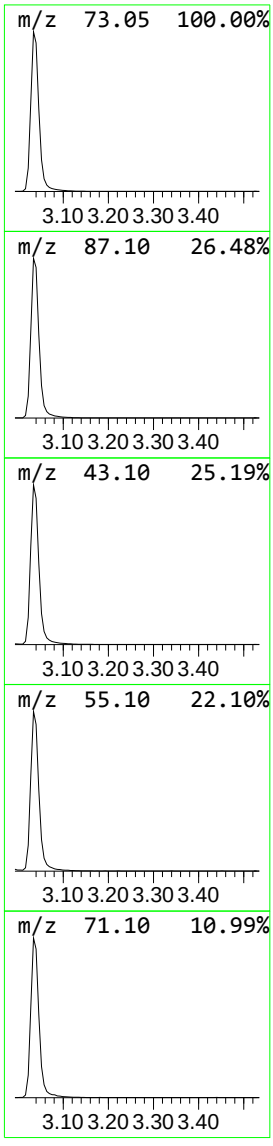
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	102.90 ng/ul	6288270	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

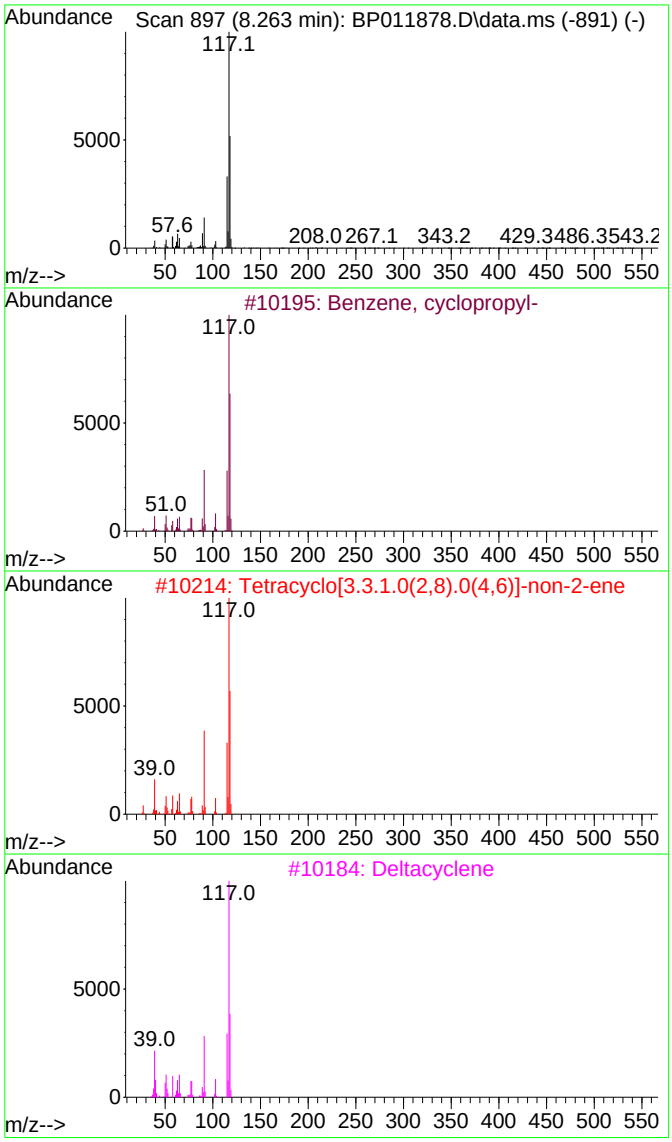
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

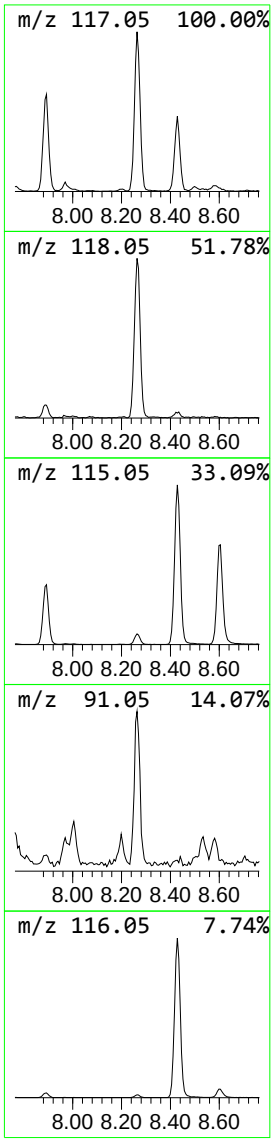
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, cyclopropyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	3.09 ng/ul	188727	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

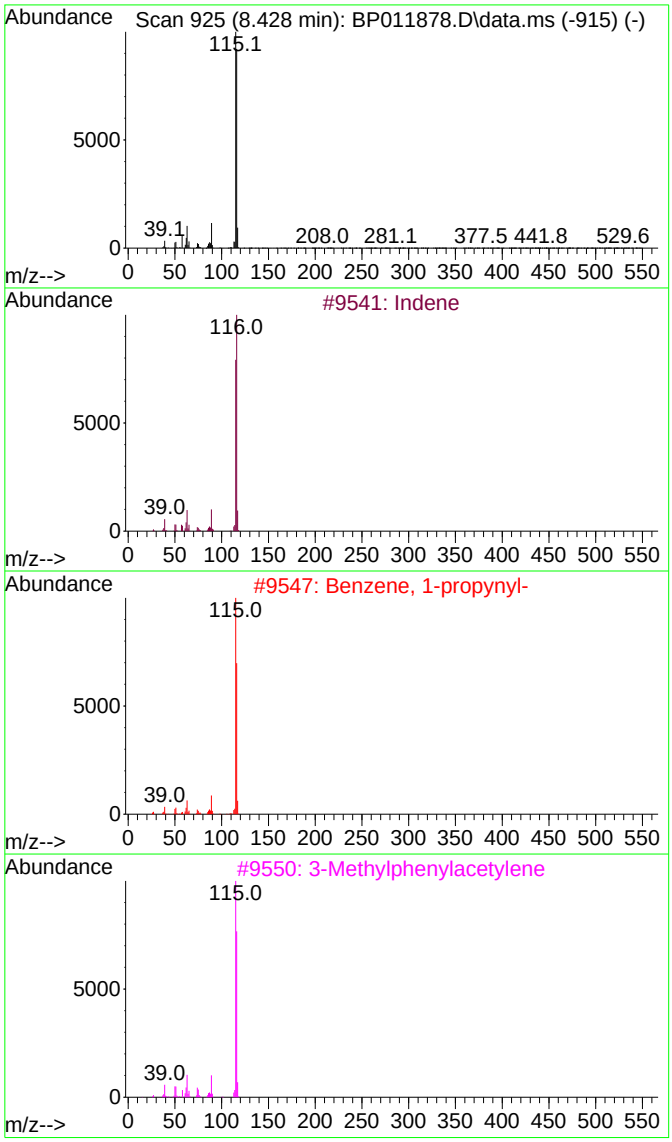
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

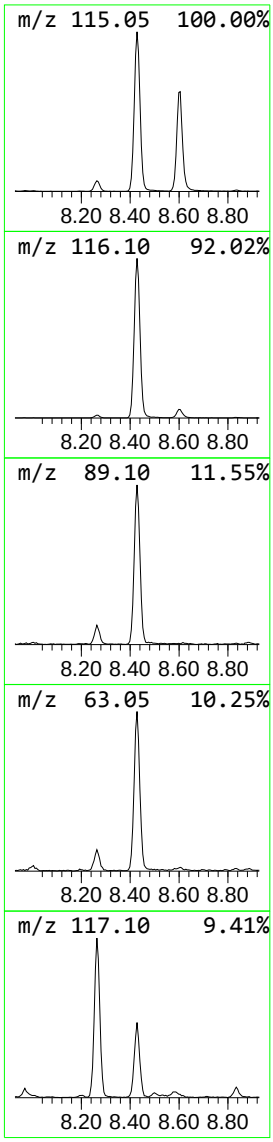
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	15.76 ng/ul	963290	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

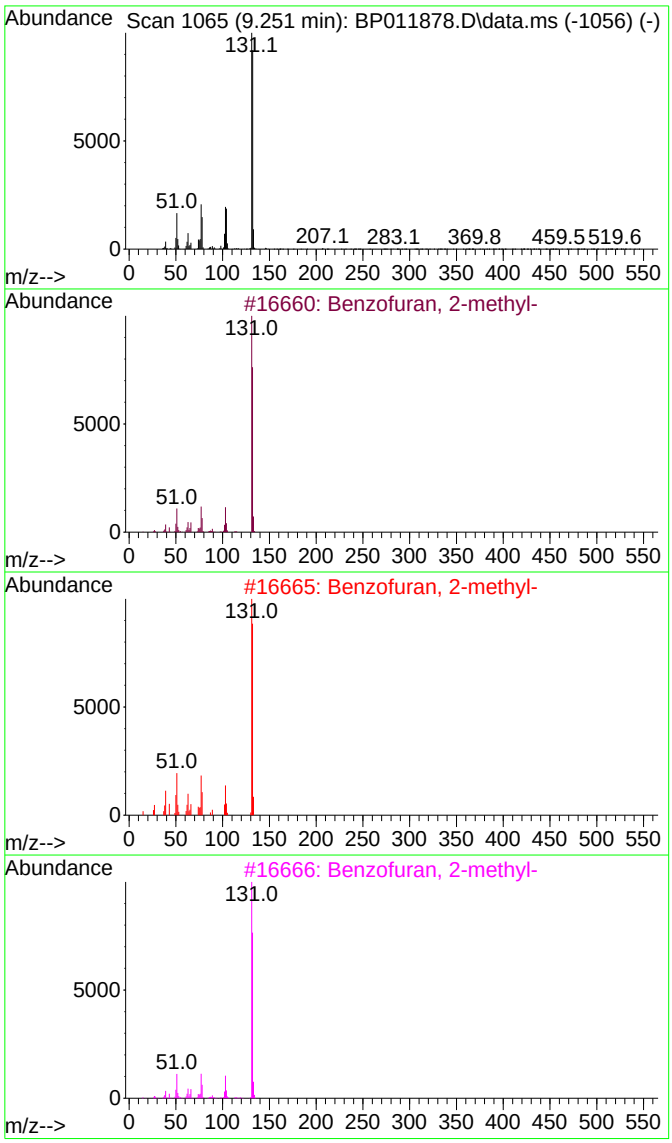
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

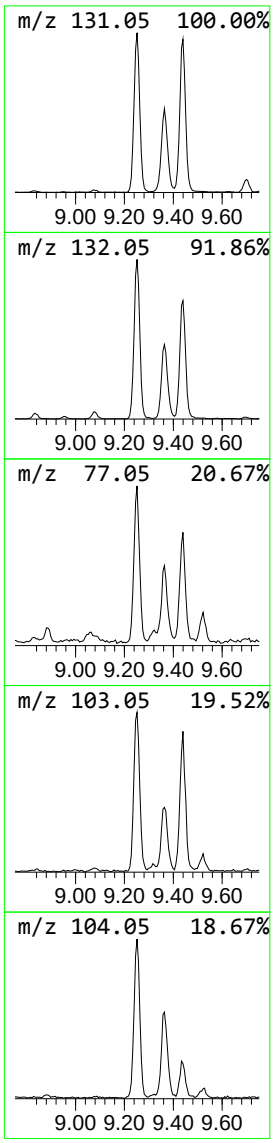
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	6.38 ng/ul	390065	1,4-Dichlorobenzene-d4	7.893

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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

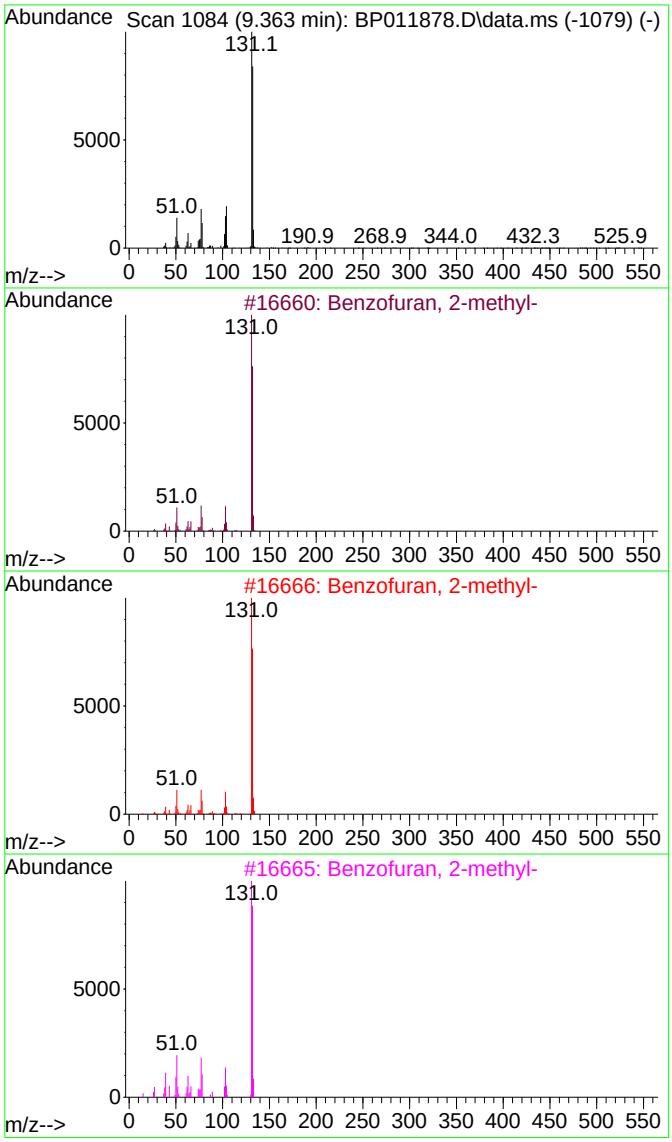
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

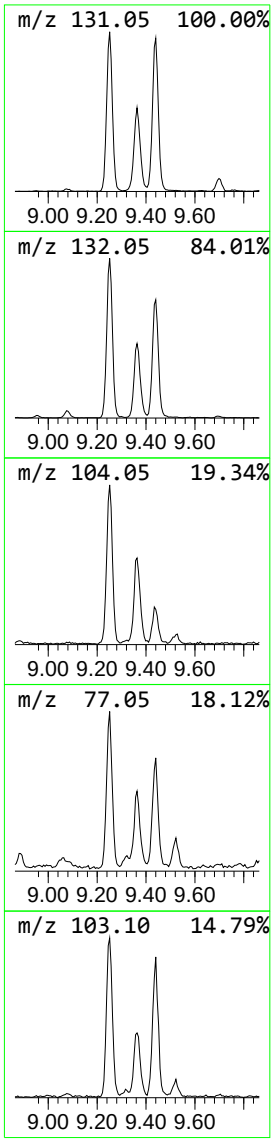
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5-Methylbenzimidazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	2.43 ng/ul	208614	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	86





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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

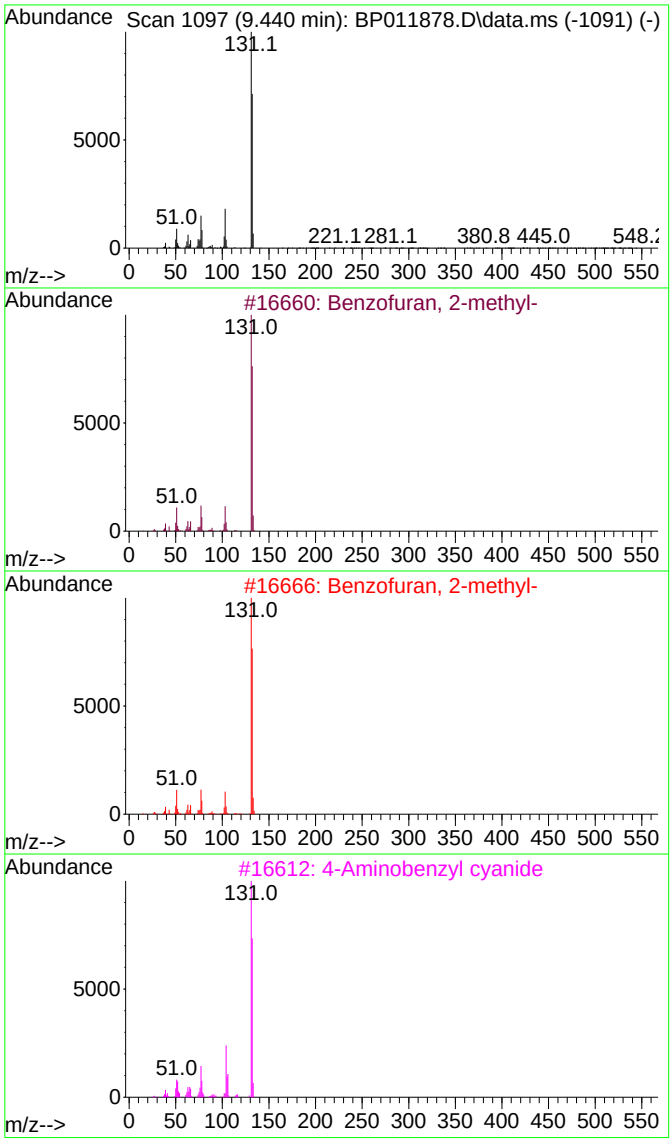
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

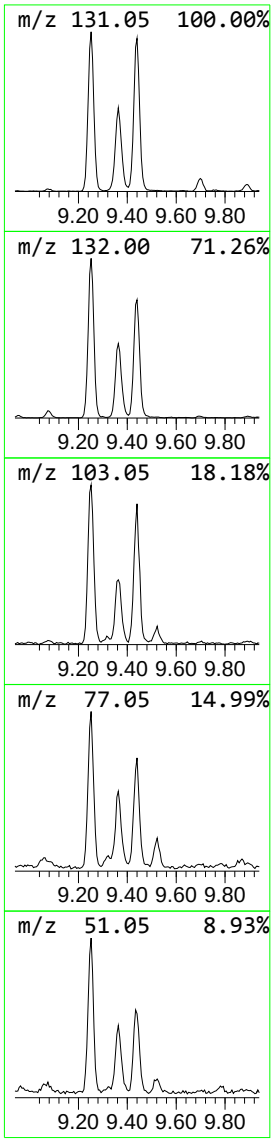
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Aminobenzyl cyanide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.440	3.76 ng/ul	323632	Naphthalene-d8	10.698

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	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	86
4	4-Methyl-1H-benzimidazole	132	C8H8N2	1000486-24-5	80
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	80





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Sample : N4859-06
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-BP093022.M
Quant Title : SVOA CALIBRATION

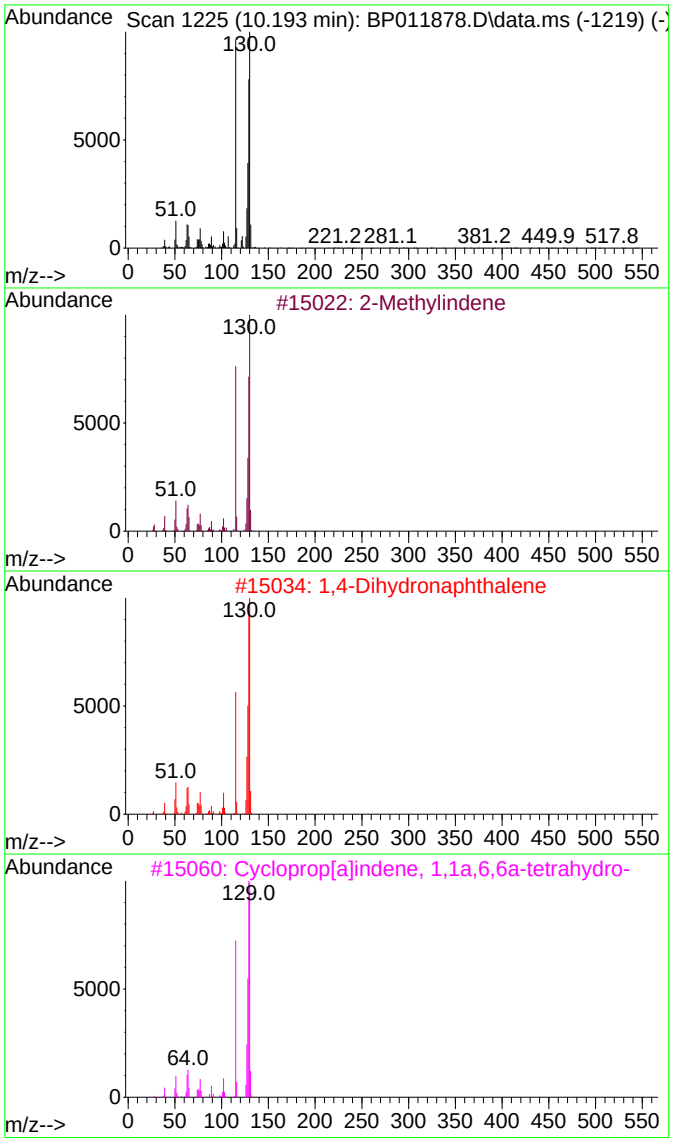
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

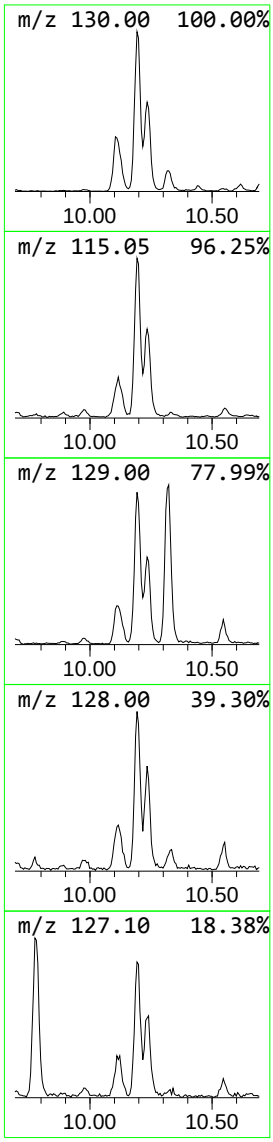
****

Peak Number 9 2-Methylindene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.193	2.50 ng/ul	215281	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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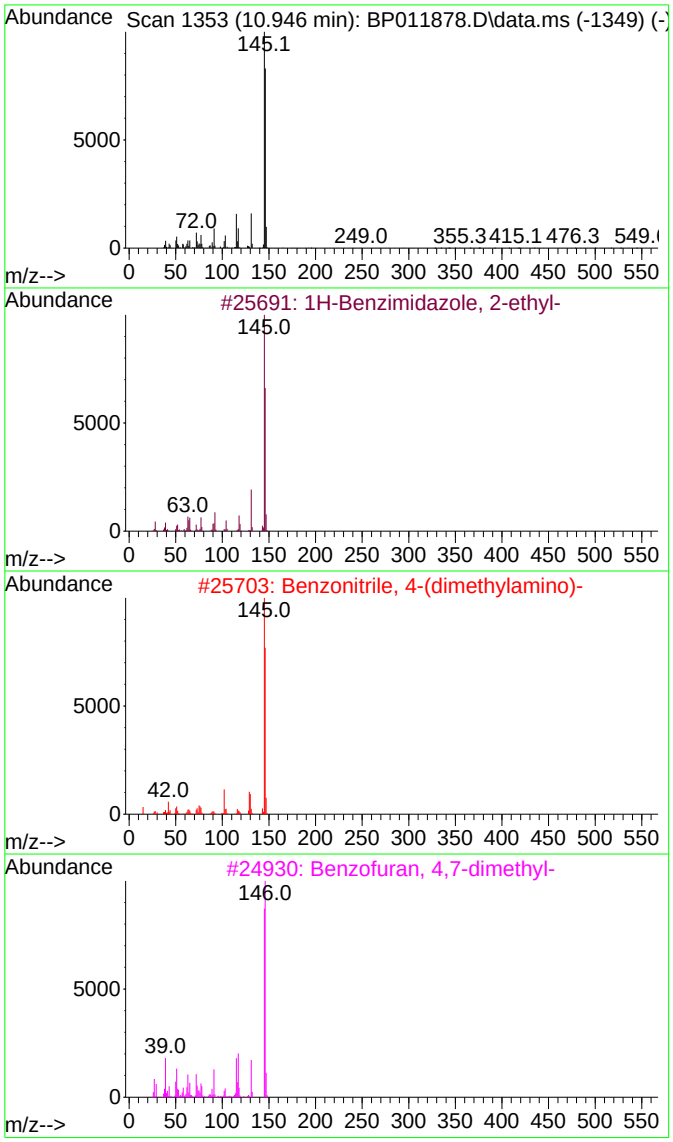
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

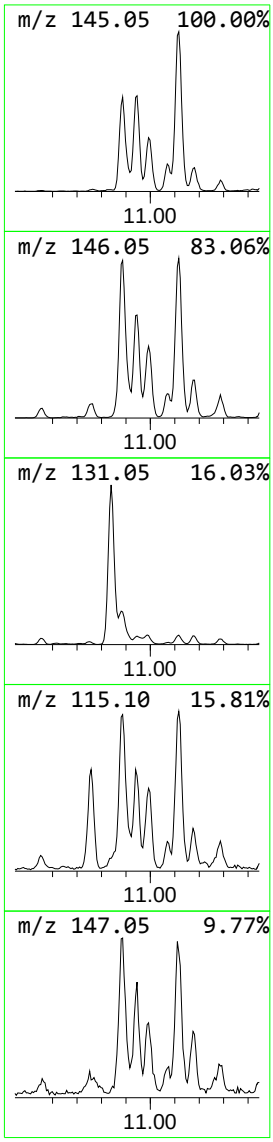
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Benzimidazole, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.945	3.60 ng/ul	309645	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	64
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50





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Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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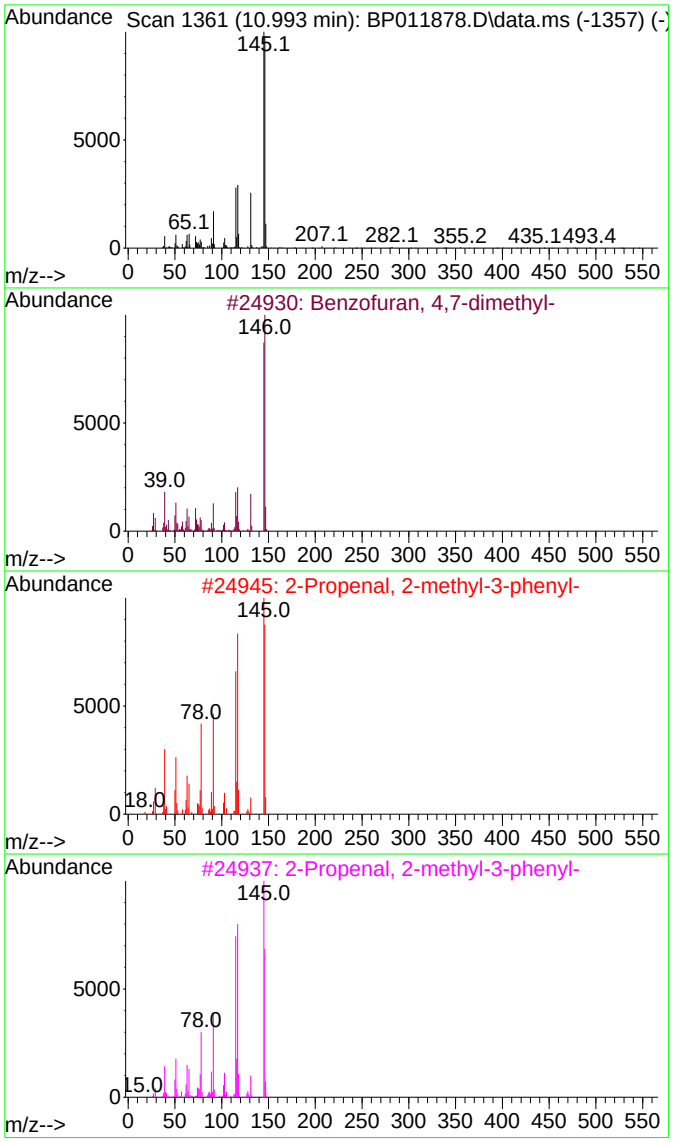
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

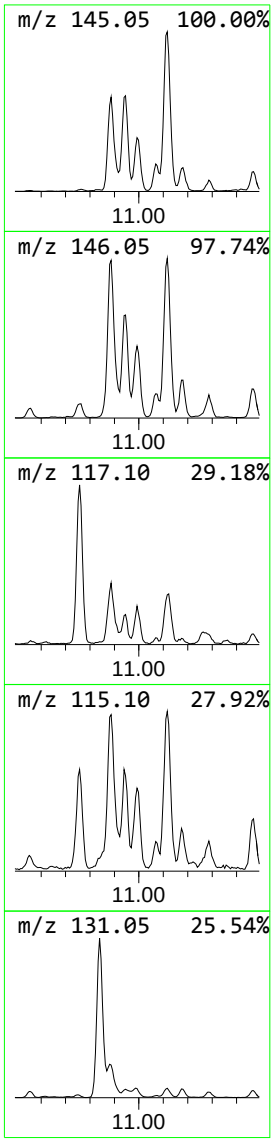
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzofuran, 4,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.993	2.61 ng/ul	224446	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	94
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	87
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	86
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	80
5	Imidazo[1,2-a]pyridine-3-carbald...	146	C8H6N2O	006188-43-8	64





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Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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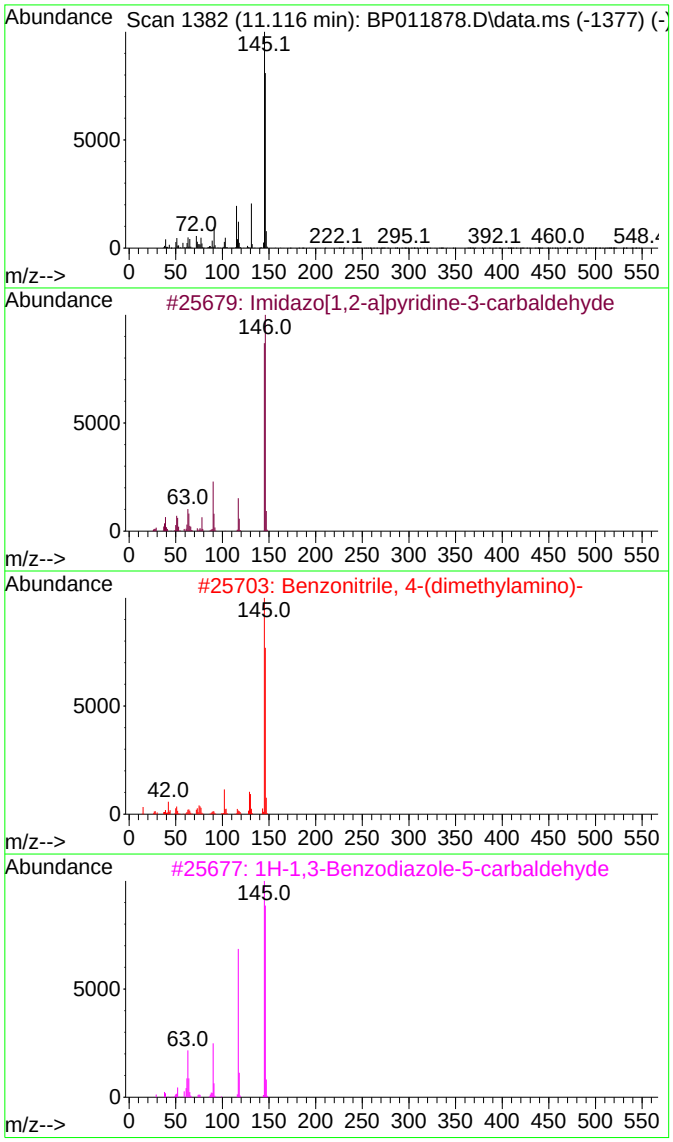
Quant Title : SVOA CALIBRATION

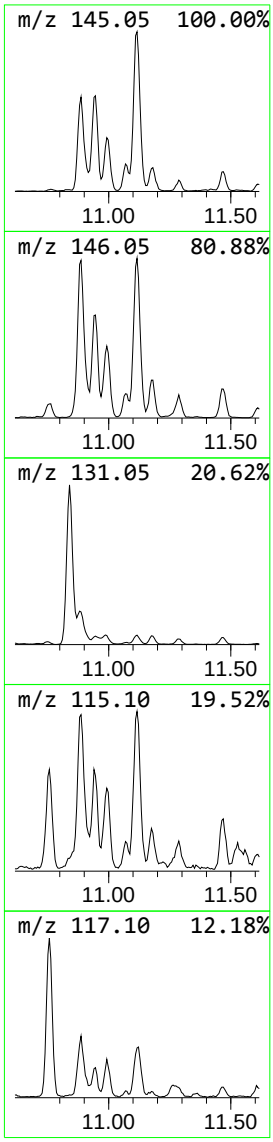
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Imidazo[1,2-a]pyridine-3-ca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	5.86 ng/ul	504035	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazo[1,2-a]pyridine-3-carbald...	146	C8H6N2O	006188-43-8	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	1H-1,3-Benzodiazole-5-carbaldehyde	146	C8H6N2O	058442-17-4	53
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	53
5	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	50





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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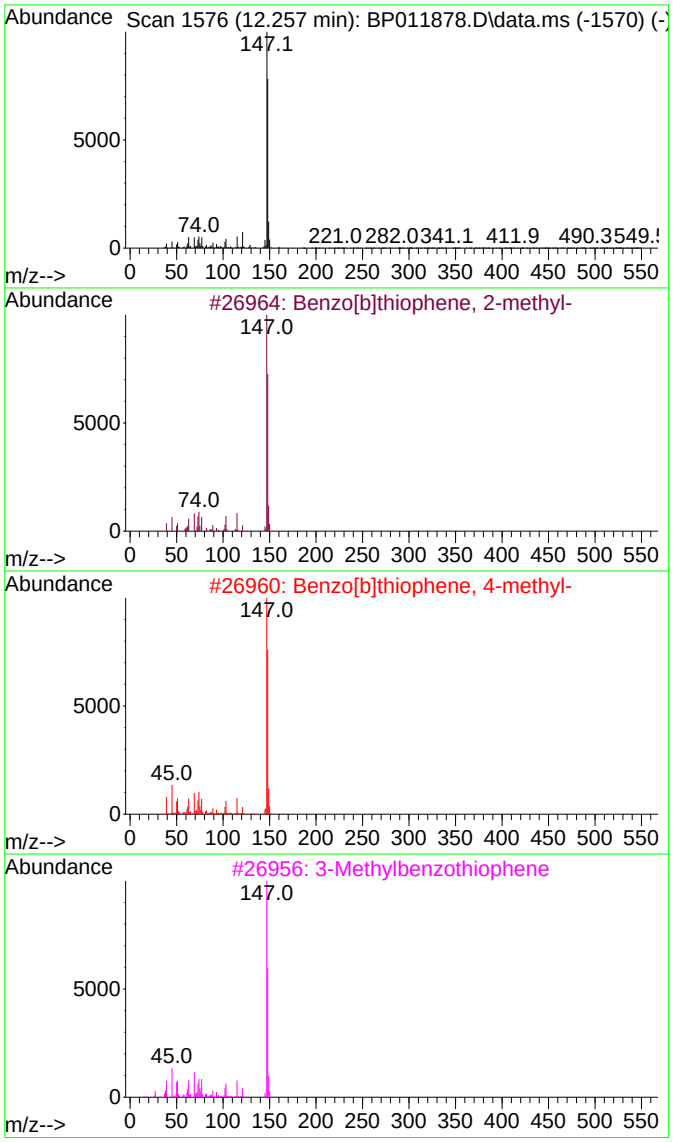
Quant Title : SVOA CALIBRATION

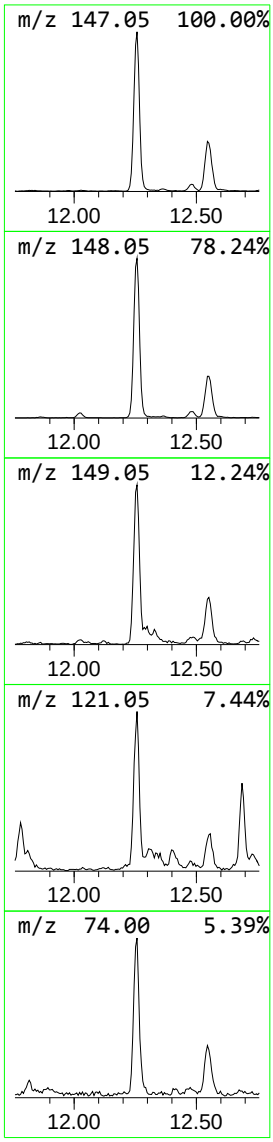
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]thiophene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	8.09 ng/ul	696045	Naphthalene-d8	10.698

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





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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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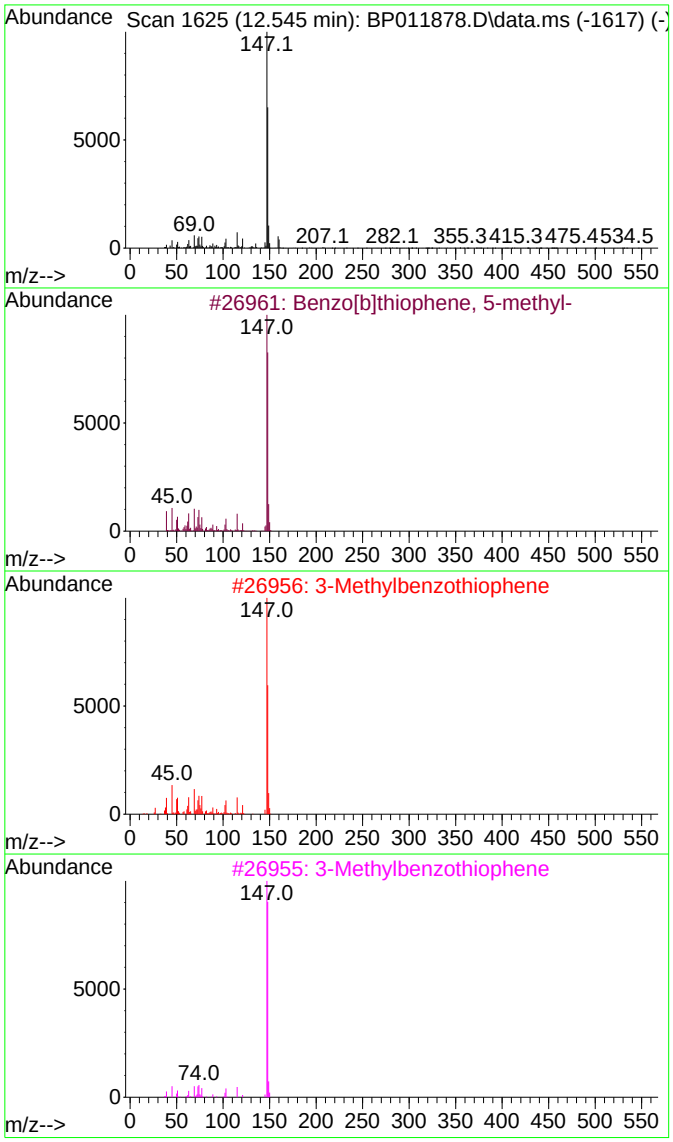
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

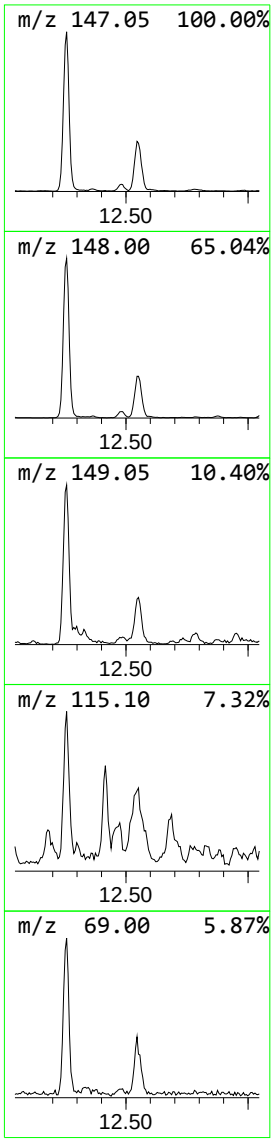
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]thiophene, 5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	3.69 ng/ul	316929	Naphthalene-d8	10.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





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Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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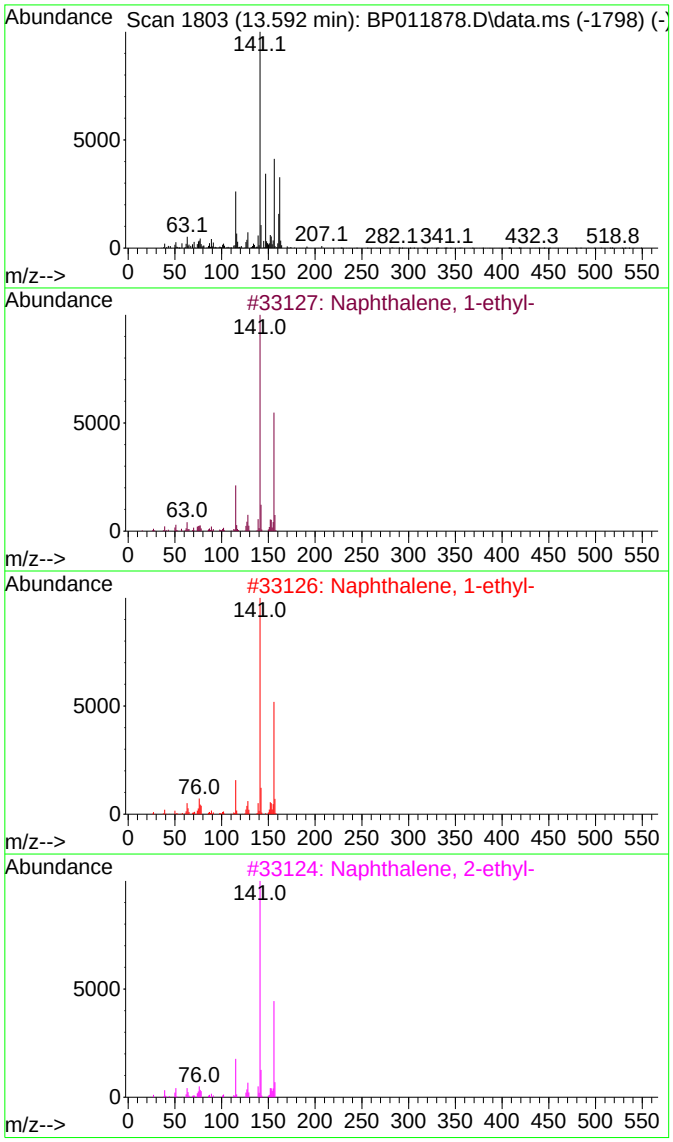
Quant Title : SVOA CALIBRATION

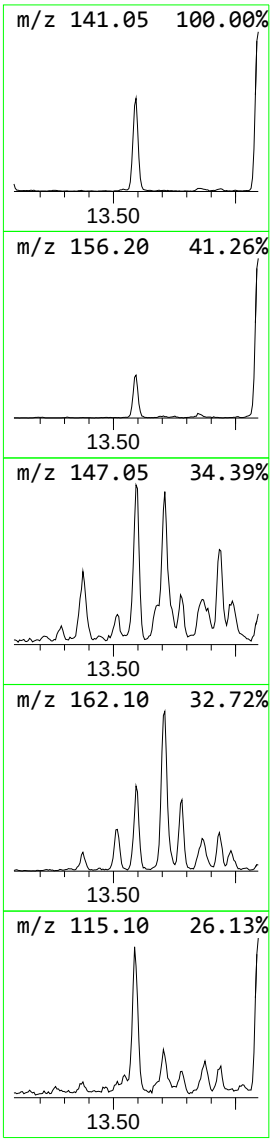
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	2.56 ng/ul	277098	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	62
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	62





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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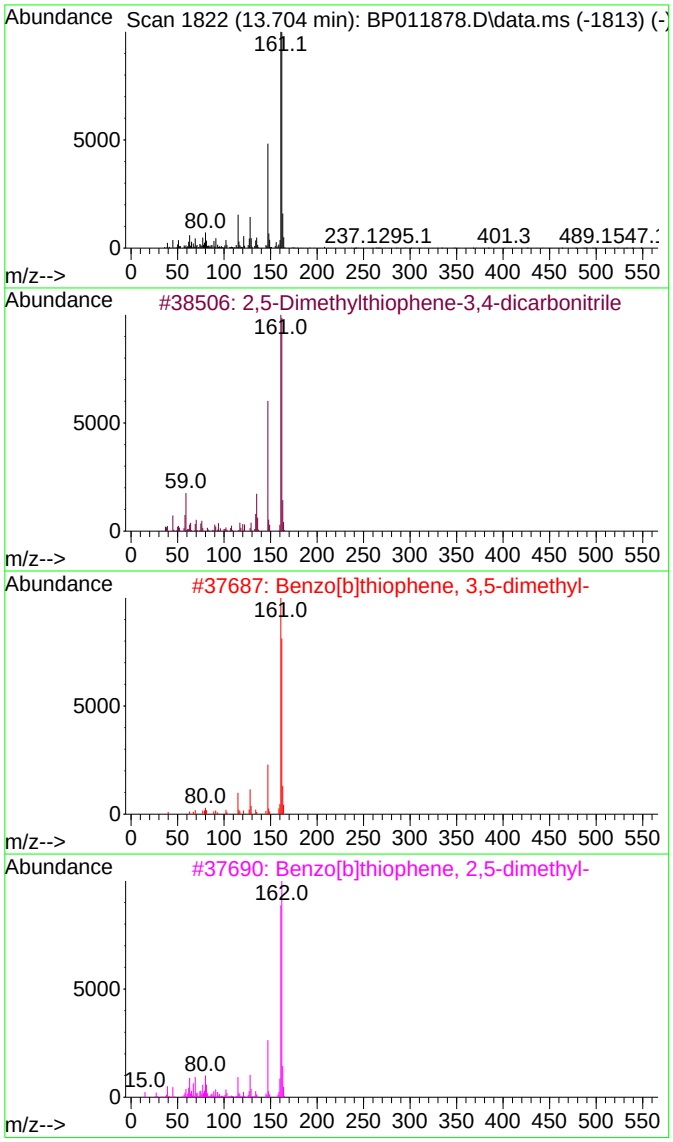
Quant Title : SVOA CALIBRATION

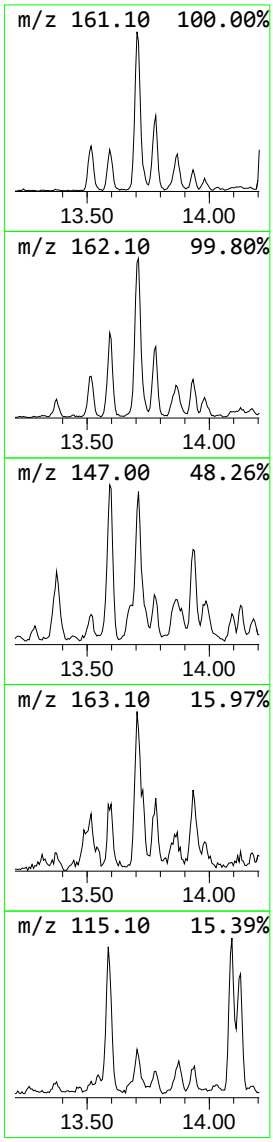
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2,5-Dimethylthiophene-3,4-d... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	2.04 ng/ul	221096	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	87
2	Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	80
3	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	72
4	4-Piperidinopyridine	162	C10H14N2	002767-90-0	58
5	Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	53





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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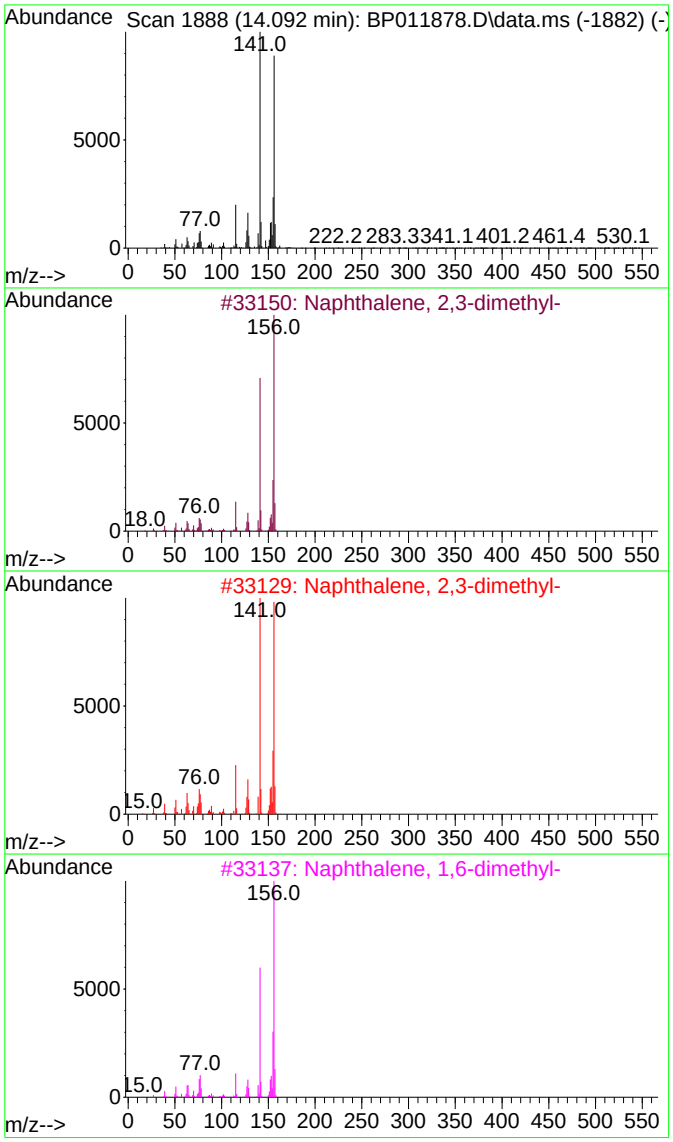
Quant Title : SVOA CALIBRATION

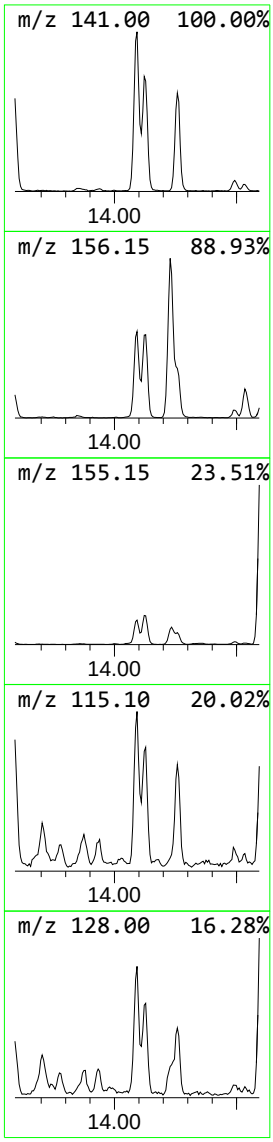
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	3.85 ng/ul	416140	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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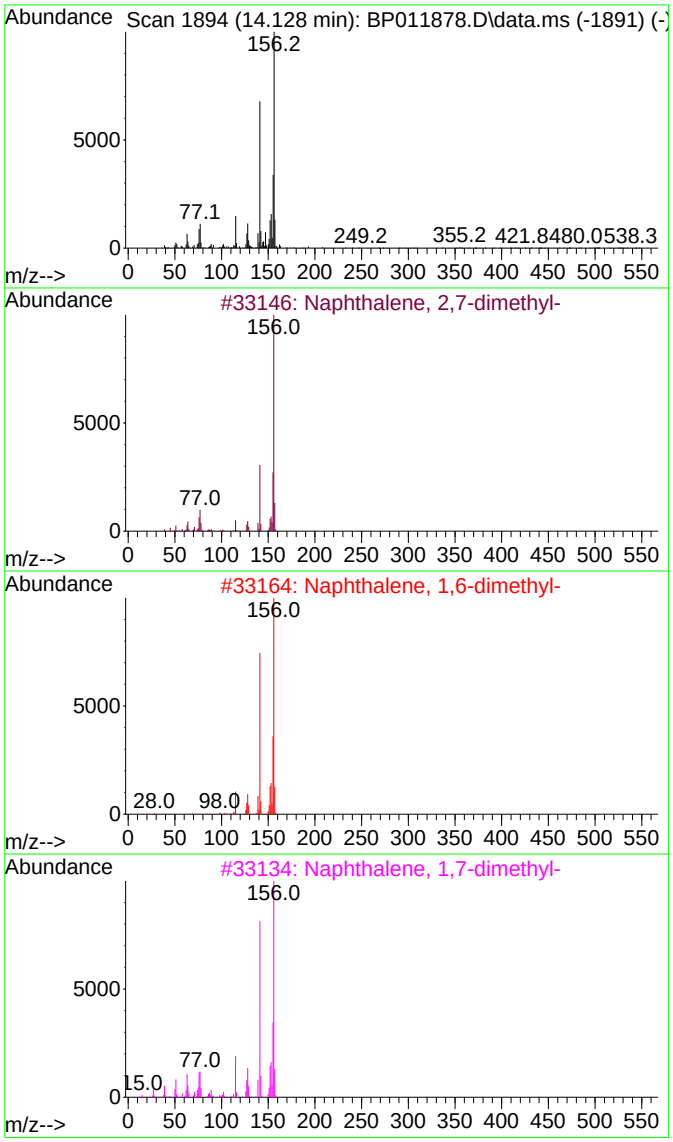
Quant Title : SVOA CALIBRATION

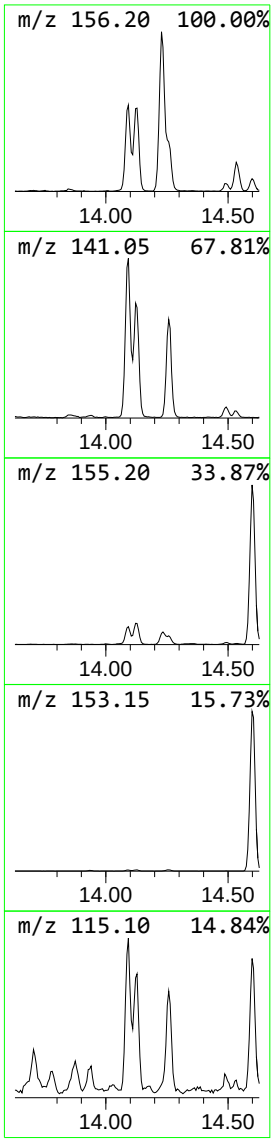
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.128	2.94 ng/ul	318242	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

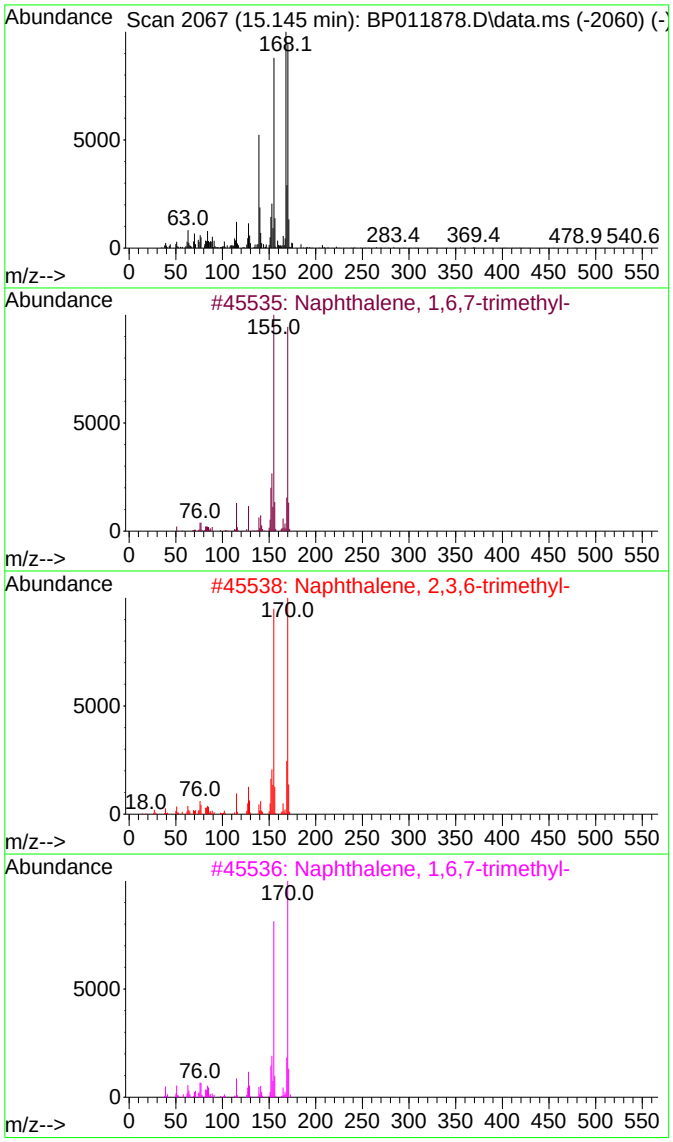
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

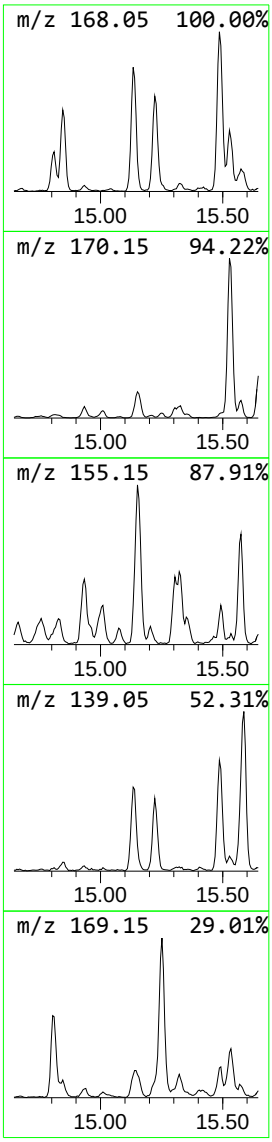
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.09 ng/ul	225718	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92





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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

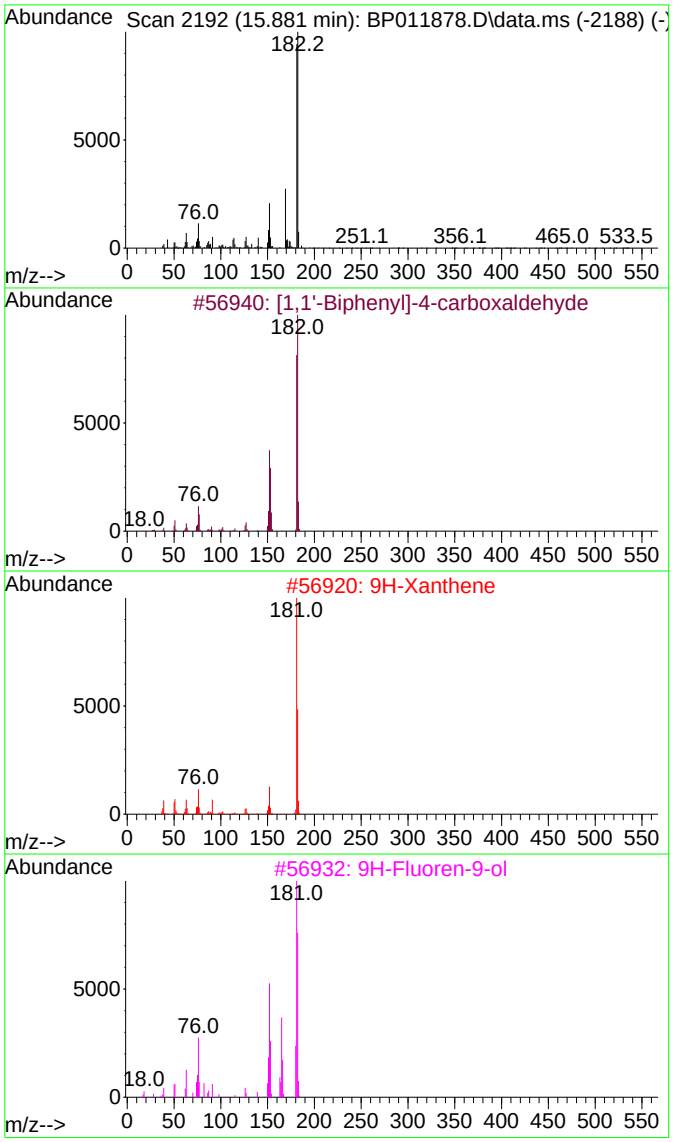
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

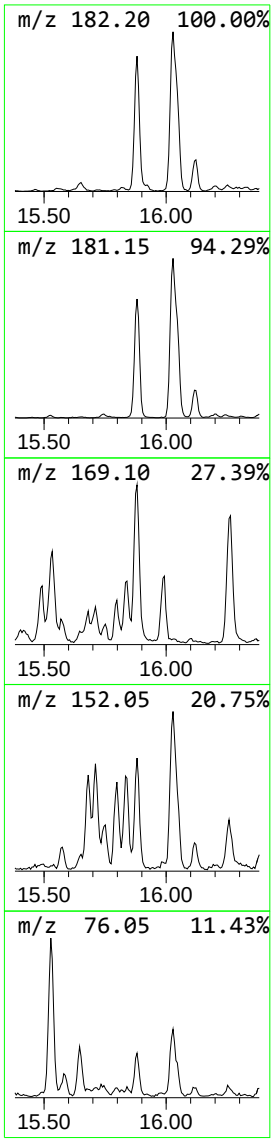
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.881	2.24 ng/ul	241927	Acenaphthene-d10	14.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
2	9H-Xanthene	182	C13H10O	000092-83-1	47
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	47
4	9H-Xanthene	182	C13H10O	000092-83-1	46
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	45





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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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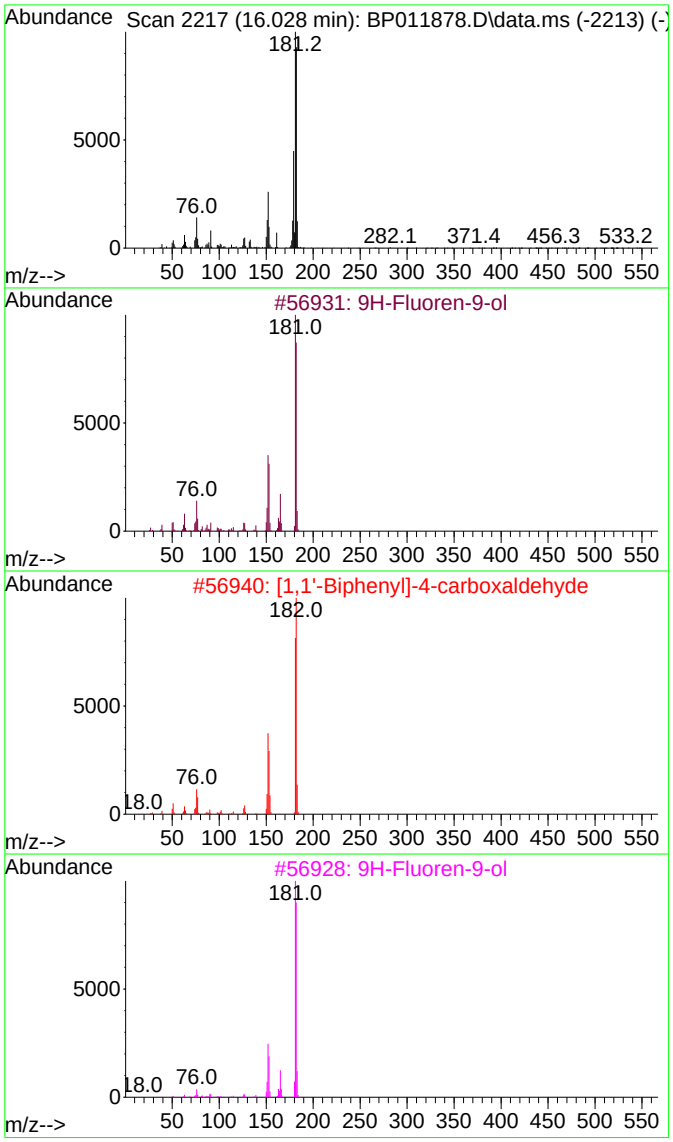
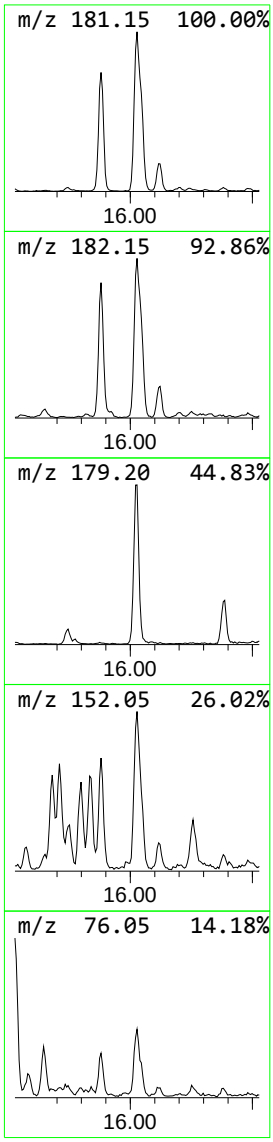
Peak Number 21 9H-Fluoren-9-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.028	3.87 ng/ul	472116	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	53
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	52





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Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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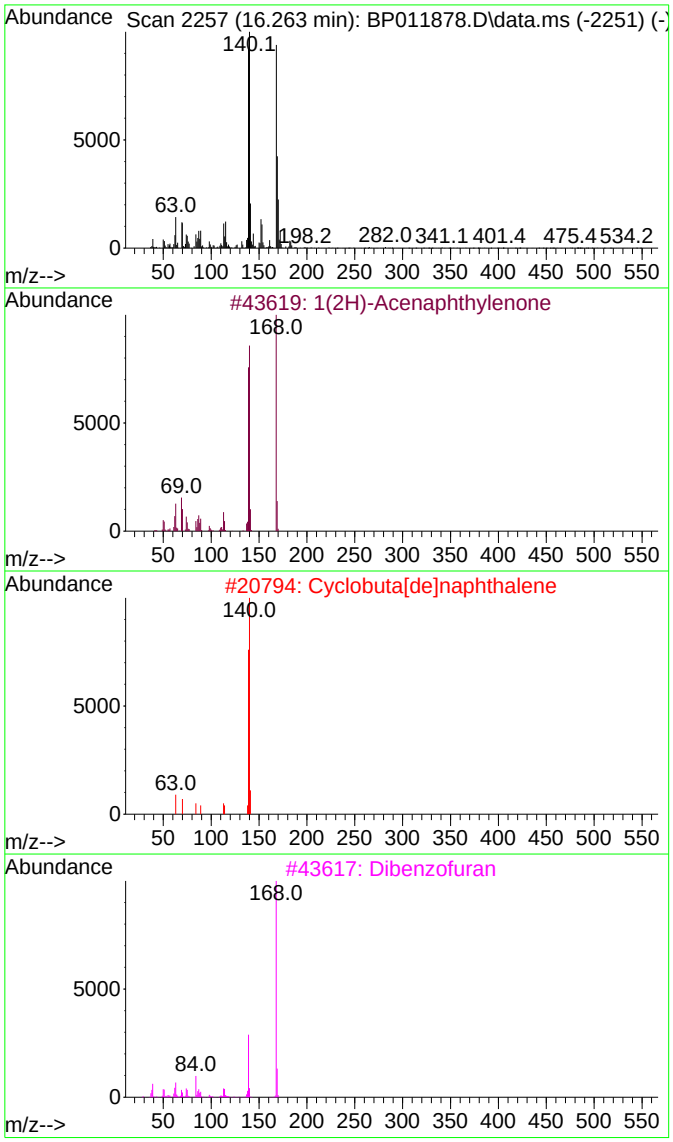
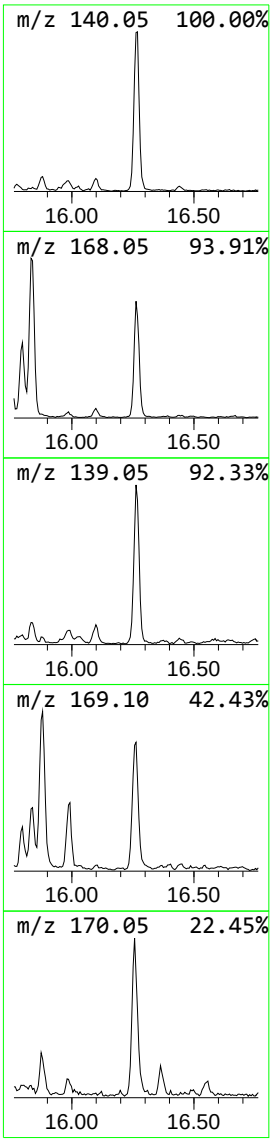
Peak Number 22 1(2H)-Acenaphthylenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	2.20 ng/ul	268495	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
3	Dibenzofuran	168	C12H8O	000132-64-9	38
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	35
5	1H-Naphtho[2,1-b]thiete, 2,2-dio...	204	C11H8O2S	016205-74-6	27





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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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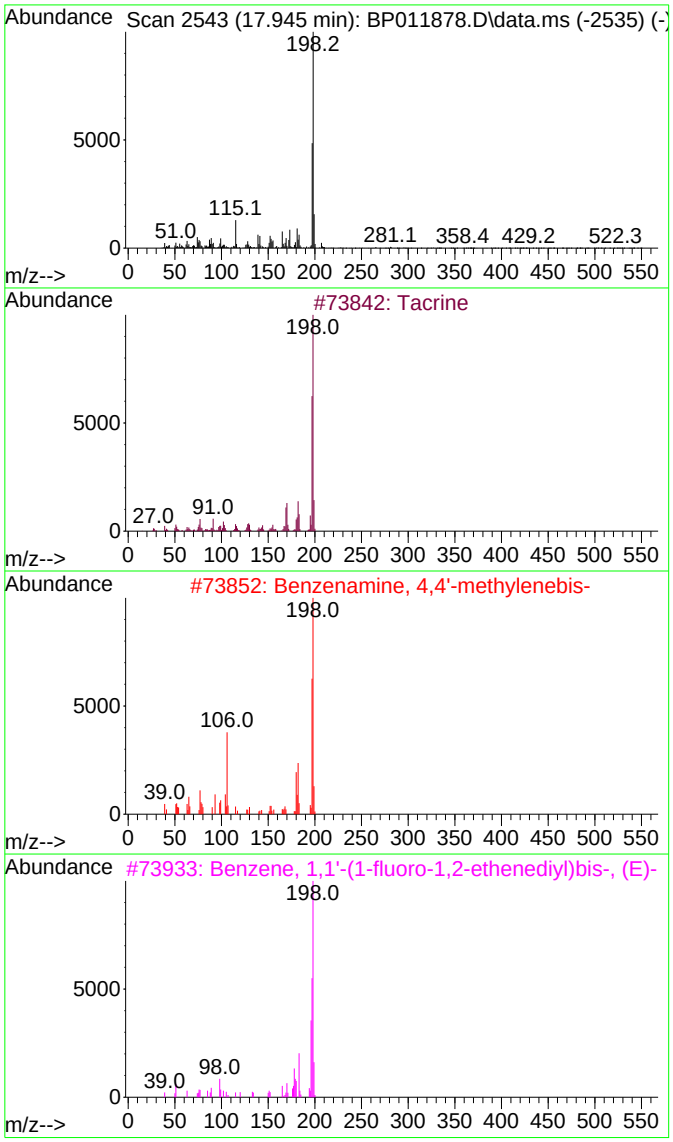
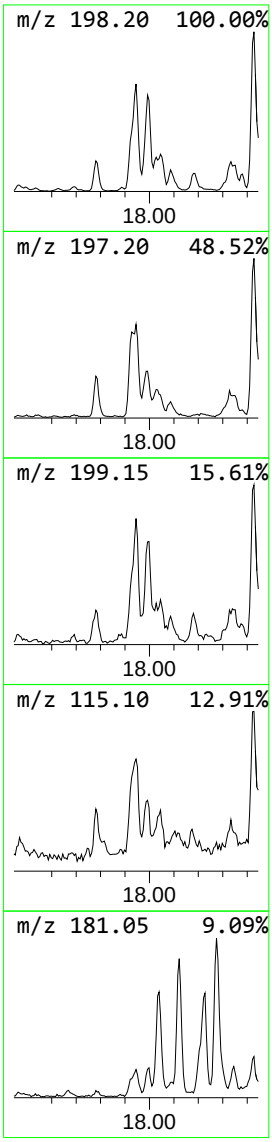
Peak Number 23 Tacrine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	3.36 ng/ul	410091	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tacrine	198	C13H14N2	000321-64-2	80
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
4	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	72
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	64





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Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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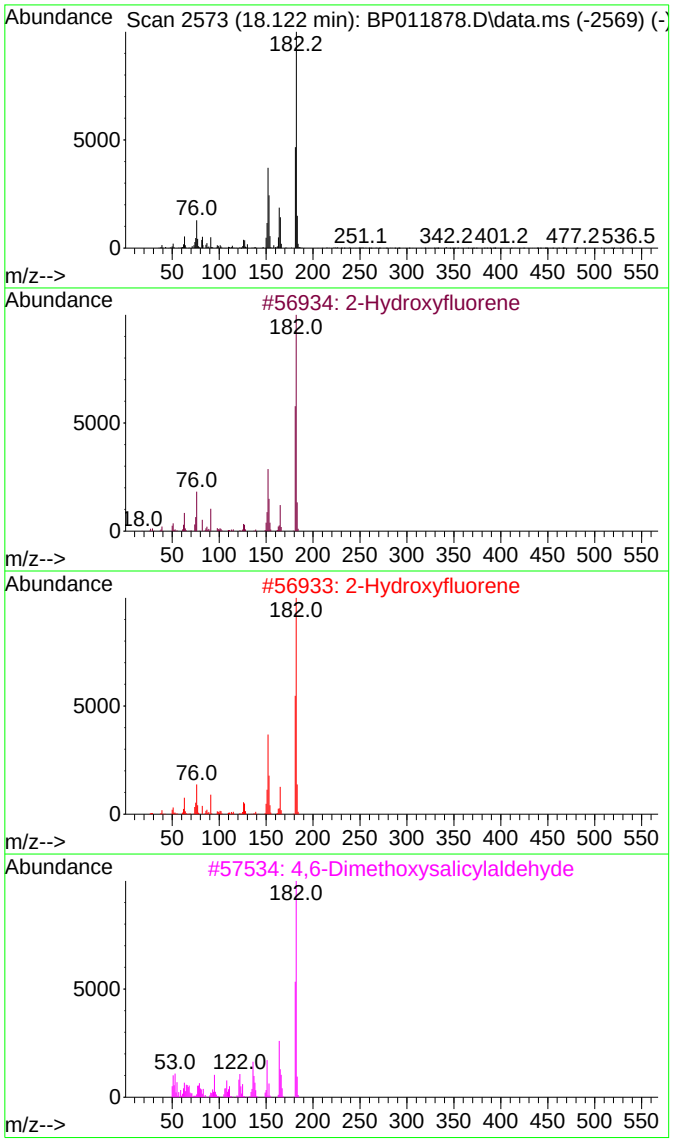
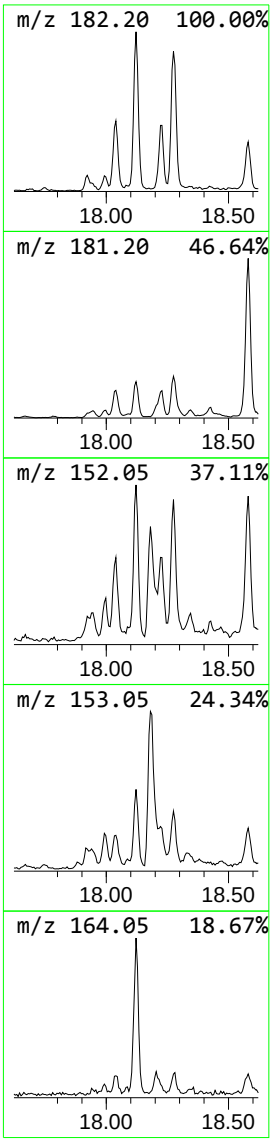
Peak Number 24 2-Hydroxyfluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.11 ng/ul	257912	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	93
3	4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	59
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	53
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	53





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Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

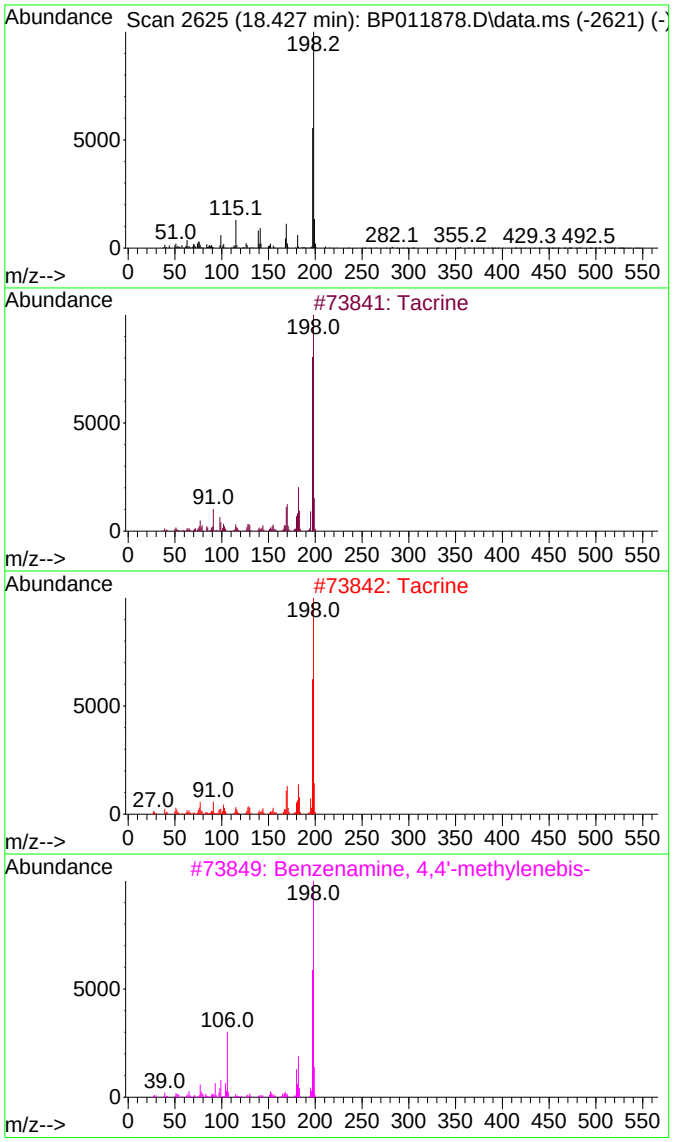
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

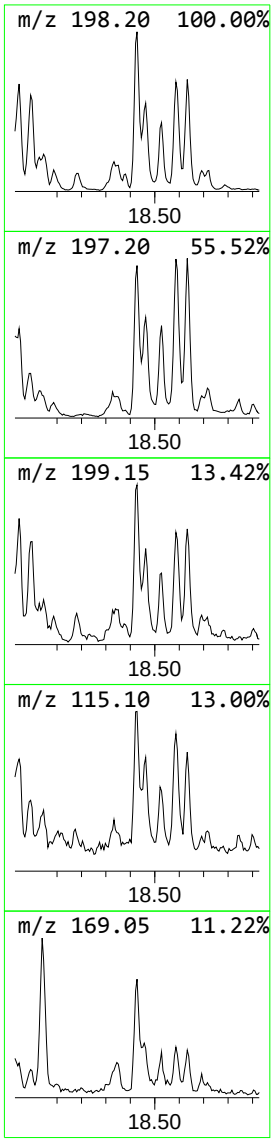
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzenamine, 4,4'-methylene... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	2.18 ng/ul	265971	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tacrine	198	C13H14N2	000321-64-2	64
2	Tacrine	198	C13H14N2	000321-64-2	64
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4	Indeno[1,2-b]pyridin-5-ol, 7-amino-	198	C12H10N2O	339336-23-1	59
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	59





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Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
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-BP093022.M
Quant Title : SVOA CALIBRATION

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

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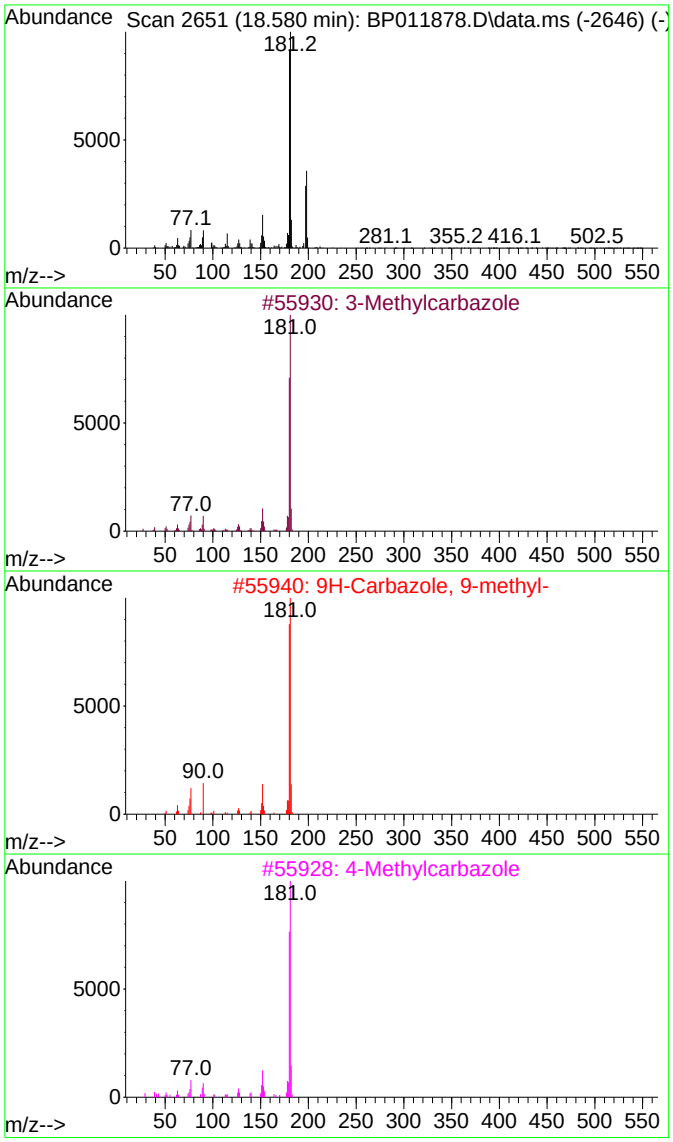
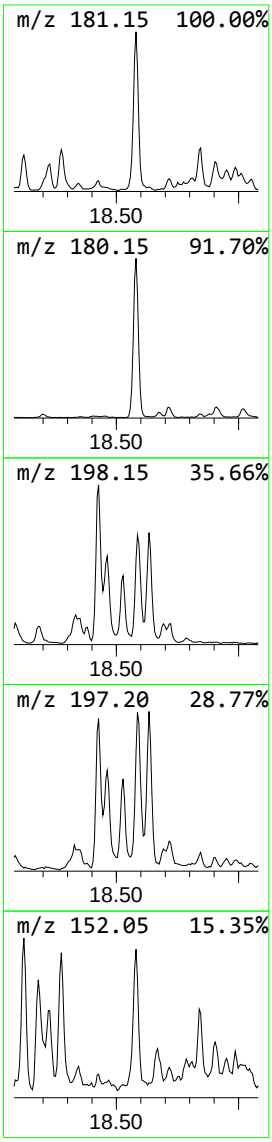
Peak Number 26 3-Methylcarbazole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	5.63 ng/ul	687278	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	95
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
3	4-Methylcarbazole	181	C13H11N	003770-48-7	93
4	2-Fluorenamine	181	C13H11N	000153-78-6	93
5	3-Methylcarbazole	181	C13H11N	004630-20-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011878.D
Acq On : 03 Oct 2022 18:32
Operator : CG/JU
Sample : N4859-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E10046

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.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
Butane, 2-metho...	3.034	102.9	ng/ul	6288270	1	7.893	1222190	20.0
Benzene, cyclop...	8.263	3.1	ng/ul	188727	1	7.893	1222190	20.0
Indene	8.428	15.8	ng/ul	963290	1	7.893	1222190	20.0
Benzofuran, 2-m...	9.251	6.4	ng/ul	390065	1	7.893	1222190	20.0
5-Methylbenzimi...	9.363	2.4	ng/ul	208614	2	10.698	1720090	20.0
4-Aminobenzyl c...	9.440	3.8	ng/ul	323632	2	10.698	1720090	20.0
2-Methylindene	10.193	2.5	ng/ul	215281	2	10.698	1720090	20.0
1H-Benzimidazol...	10.945	3.6	ng/ul	309645	2	10.698	1720090	20.0
Benzofuran, 4,7...	10.993	2.6	ng/ul	224446	2	10.698	1720090	20.0
Imidazo[1,2-a]p...	11.116	5.9	ng/ul	504035	2	10.698	1720090	20.0
Benzo[b]thiophe...	12.257	8.1	ng/ul	696045	2	10.698	1720090	20.0
Benzo[b]thiophe...	12.545	3.7	ng/ul	316929	2	10.698	1720090	20.0
Naphthalene, 1-...	13.592	2.6	ng/ul	277098	3	14.534	2164260	20.0
2,5-Dimethylthi...	13.704	2.0	ng/ul	221096	3	14.534	2164260	20.0
Naphthalene, 2,...	14.092	3.9	ng/ul	416140	3	14.534	2164260	20.0
Naphthalene, 2,...	14.128	2.9	ng/ul	318242	3	14.534	2164260	20.0
Naphthalene, 1,...	15.145	2.1	ng/ul	225718	3	14.534	2164260	20.0
[1,1'-Biphenyl]...	15.881	2.2	ng/ul	241927	3	14.534	2164260	20.0
9H-Fluoren-9-ol	16.028	3.9	ng/ul	472116	4	17.292	2442410	20.0
1(2H)-Acenaphth...	16.263	2.2	ng/ul	268495	4	17.292	2442410	20.0
Tacrine	17.945	3.4	ng/ul	410091	4	17.292	2442410	20.0
2-Hydroxyfluorene	18.122	2.1	ng/ul	257912	4	17.292	2442410	20.0
Benzenamine, 4,...	18.427	2.2	ng/ul	265971	4	17.292	2442410	20.0
3-Methylcarbazole	18.580	5.6	ng/ul	687278	4	17.292	2442410	20.0