LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.069	160	167	182	rVB	1166044	1855586	0.83%	0.124%
2	5.387	384	391	406	rVB	5897134	9209975	4.13%	0.615%
3	5.516	406	413	425	rVB	2355941	4867317	2.18%	0.325%
4	5.887	465	476	487	rBV2	2012872	5130160	2.30%	0.342%
5	7.528	749	755	761	rVV2	2097129	3716312	1.67%	0.248%
6	7.599	761	767	778	rVV	5088295	8686298	3.90%	0.580%
7	7.875	806	814	821	rBV	932384	1629208	0.73%	0.109%
8	8.252	871	878	886	rVB	5702066	9805038	4.40%	0.654%
9	8.434	895	909	918	rBV2	42601618	83097125	37.28%	5.547%
10	9.040	1007	1012	1022	rVV2	839050	2438049	1.09%	0.163%
11	9.234	1038	1045	1051	rBV	1037861	1813697	0.81%	0.121%
12	9.357	1051	1066	1072	rBV	2763224	6581527	2.95%	0.439%
13	9.422	1072	1077	1082	rVB	987206	1591428	0.71%	0.106%
14	9.928	1158	1163	1175	rVB	1255659	2323906	1.04%	0.155%
15	10.081	1177	1189	1200	rBV4	2212797	6375044	2.86%	0.426%
16	10.175	1200	1205	1219	rVV2	659048	1810765	0.81%	0.121%
17	10.316	1219	1229	1236	rVV	6460058	12044567	5.40%	0.804%
18	10.551	1261	1269	1277	rBV	4705827	8111218	3.64%	0.541%
19	10.787	1287	1309	1313	rVV2	66542529	222873257	100.00%	14.877%
20	10.822	1313	1315	1318	rVV2	1250080	1883428	0.85%	0.126%
21	10.869	1318	1323	1335	rVB	13047522	20737182	9.30%	1.384%
22	11.510	1426	1432	1438	rBV2	940103	1633184	0.73%	0.109%
23	12.028	1511	1520	1529	rBV2	1047092	2905116	1.30%	0.194%
24	12.181	1538	1546	1551	rVV2	1392868	2884101	1.29%	0.193%
25	12.240	1551	1556	1561	rVB2	1370930	2367213	1.06%	0.158%
26	12.357	1566	1576	1582	rBV	36290414	64134383	28.78%	4.281%
27	12.463	1587	1594	1600	rVB2	1397542	2997718	1.35%	0.200%
28	12.575	1600	1613	1627	rBV2	22954628	47007963	21.09%	3.138%
29	12.763	1641	1645	1651	rVB	1203107	1926345	0.86%	0.129%
30	12.934	1669	1674	1680	rVB	1233376	1851948	0.83%	0.124%
31	13.016	1680	1688	1693	rBV2	6801461	12134410	5.44%	0.810%
32	13.222	1711	1723	1731	rBV	15241445	27706457	12.43%	1.849%
33	13.351	1737	1745	1753	rVB	8335011	14214680	6.38%	0.949%
34	13.487	1763	1768	1771	rBV	1038956	1596381	0.72%	0.107%
35	13.528	1771	1775	1790	rVB5	2837507	9909418	4.45%	0.661%
36	13.692	1790	1803	1809	rBV3	2744655	8300166	3.72%	0.554%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

37	13.840	1822	1828	1833	rBV	3484605	6054706	2.72%	0.404%
38	13.892	1833	1837	1842	rBV	1800925	2529667	1.14%	0.169%
39	13.951	1843	1847	1853	rVB	2540186	4073115	1.83%	0.272%
40	14.075	1862	1868	1872	rBV2	1556282	2627628	1.18%	0.175%
41	14.210	1878	1891	1894	rBV2	2712587	6538121	2.93%	0.436%
42	14.410	1921	1925	1929	rVV	1170055	1954304	0.88%	0.130%
43	14.516	1936	1943	1948	rVV3	1934047	4940355	2.22%	0.330%
44	14.592	1948	1956	1961	rVV	31639202	51793744	23.24%	3.457%
45	14.663	1961	1968	1972	rVV	11406106	18509162	8.30%	1.235%
46	14.698	1972	1974	1985	rVV3	1910017	4086371	1.83%	0.273%
47	14.792	1985	1990	2000	rVV5	2014272	4825937	2.17%	0.322%
48	14.922	2000	2012	2021	rVV2	16526914	35035015	15.72%	2.339%
49	15.063	2030	2036	2040	rVV	17476396	26544629	11.91%	1.772%
50	15.104	2040	2043	2046	rVV	3754924	5437677	2.44%	0.363%
51	15.139	2046	2049	2055	rVV	5377489	7820484	3.51%	0.522%
52	15.286	2065	2074	2080	rBV2	953113	2182775	0.98%	0.146%
53	15.510	2106	2112	2116	rBV	3102202	4542043	2.04%	0.303%
54	15.569	2116	2122	2128	rVB	14692591	21637166	9.71%	1.444%
55	15.657	2128	2137	2142	rBV	61049093	114664486	51.45%	7.654%
56	16.004	2189	2196	2203	rVB3	1294253	3155376	1.42%	0.211%
57	16.116	2209	2215	2220	rBV	1422761	2225834	1.00%	0.149%
58	16.363	2251	2257	2264	rBV2	782547	1884919	0.85%	0.126%
59	16.451	2264	2272	2276	rBV2	1807319	3681102	1.65%	0.246%
60	16.522	2278	2284	2289	rBV2	2410199	5793819	2.60%	0.387%
61	16.633	2297	2303	2309	rVB2	1604348	3280914	1.47%	0.219%
62	16.781	2320	2328	2331	rBV4	623085	1685431	0.76%	0.113%
63	16.851	2334	2340	2345	rVB2	1806454	3247399	1.46%	0.217%
64	16.957	2345	2358	2362	rBV2	88371497	212790803	95.48%	14.204%
65	16.986	2362	2363	2370	rVB2	2311072	2428680	1.09%	0.162%
66	17.057	2370	2375	2378	rBV	3158929	4308959	1.93%	0.288%
67	17.222	2400	2403	2407	rVV2	2404432	3329443	1.49%	0.222%
68	17.269	2407	2411	2415	rVV2	3646629	6532736	2.93%	0.436%
69	17.316	2415	2419	2425	rVV2	17732870	30982232	13.90%	2.068%
70	17.375	2425	2429	2432	rVV2	7510695	12072772	5.42%	0.806%
71	17.410	2432	2435	2440	rVV3	3817366	7584215	3.40%	0.506%
72	17.463	2440	2444	2449	rVV3	3765254	7636065	3.43%	0.510%
73	17.510	2449	2452	2457	rVB2	1424987	2221378	1.00%	0.148%
74	17.692	2470	2483	2487	rBV3	39618865	81149933	36.41%	5.417%
75	17.769	2487	2496	2502	rVV4	5525330	12485576	5.60%	0.833%
76	17.833	2502	2507	2513	rVB	9279425	13882602	6.23%	0.927%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

77	17.928	2513	2523	2527	rBV2	2028807	5150817	2.31%	0.344%
78	18.022	2534	2539	2544	rVB2	1231438	2103989	0.94%	0.140%
79	18.110	2549	2554	2558	rBV	4880622	7374305	3.31%	0.492%
80	18.192	2563	2568	2576	rVV2	7360960	12668300	5.68%	0.846%
81	18.269	2576	2581	2587	rVV	5354850	7487917	3.36%	0.500%
82	18.339	2587	2593	2597	rVB3	1823643	2996246	1.34%	0.200%
83	18.427	2603	2608	2616	rBV2	2856935	7729700	3.47%	0.516%
84	18.527	2621	2625	2629	rVV2	1555860	2282145	1.02%	0.152%
85	18.586	2629	2635	2640	rVV2	2847622	4814854	2.16%	0.321%
86	18.639	2640	2644	2648	rVB	2195858	2853732	1.28%	0.190%
87	19.004	2702	2706	2711	rVV3	865481	1556015	0.70%	0.104%
88	19.063	2712	2716	2723	rVB5	827307	1630268	0.73%	0.109%
89	19.322	2754	2760	2766	rBV	2033992	3029702	1.36%	0.202%
90	19.657	2811	2817	2820	rVV2	4842070	7520011	3.37%	0.502%
91	19.698	2820	2824	2833	rVB2	2529858	4815166	2.16%	0.321%
92	20.016	2872	2878	2882	rBV	2138910	2991101	1.34%	0.200%
93	20.063	2882	2886	2890	rVV	1911658	2578918	1.16%	0.172%
94	20.174	2894	2905	2909	rVV	10615626	24752856	11.11%	1.652%
95	20.657	2983	2987	2992	rBV3	1085955	1723135	0.77%	0.115%
96	20.780	2998	3008	3021	rVB2	3749479	9491765	4.26%	0.634%
97	21.451	3116	3122	3127	rBV2	3359379	4661122	2.09%	0.311%
98	21.957	3203	3208	3215	rBV	1100913	1697876	0.76%	0.113%
99	23.698	3497	3504	3511	rBV2	2923037	5912547	2.65%	0.395%
100	23.857	3524	3531	3540	rVB	1953211	3998332	1.79%	0.267%

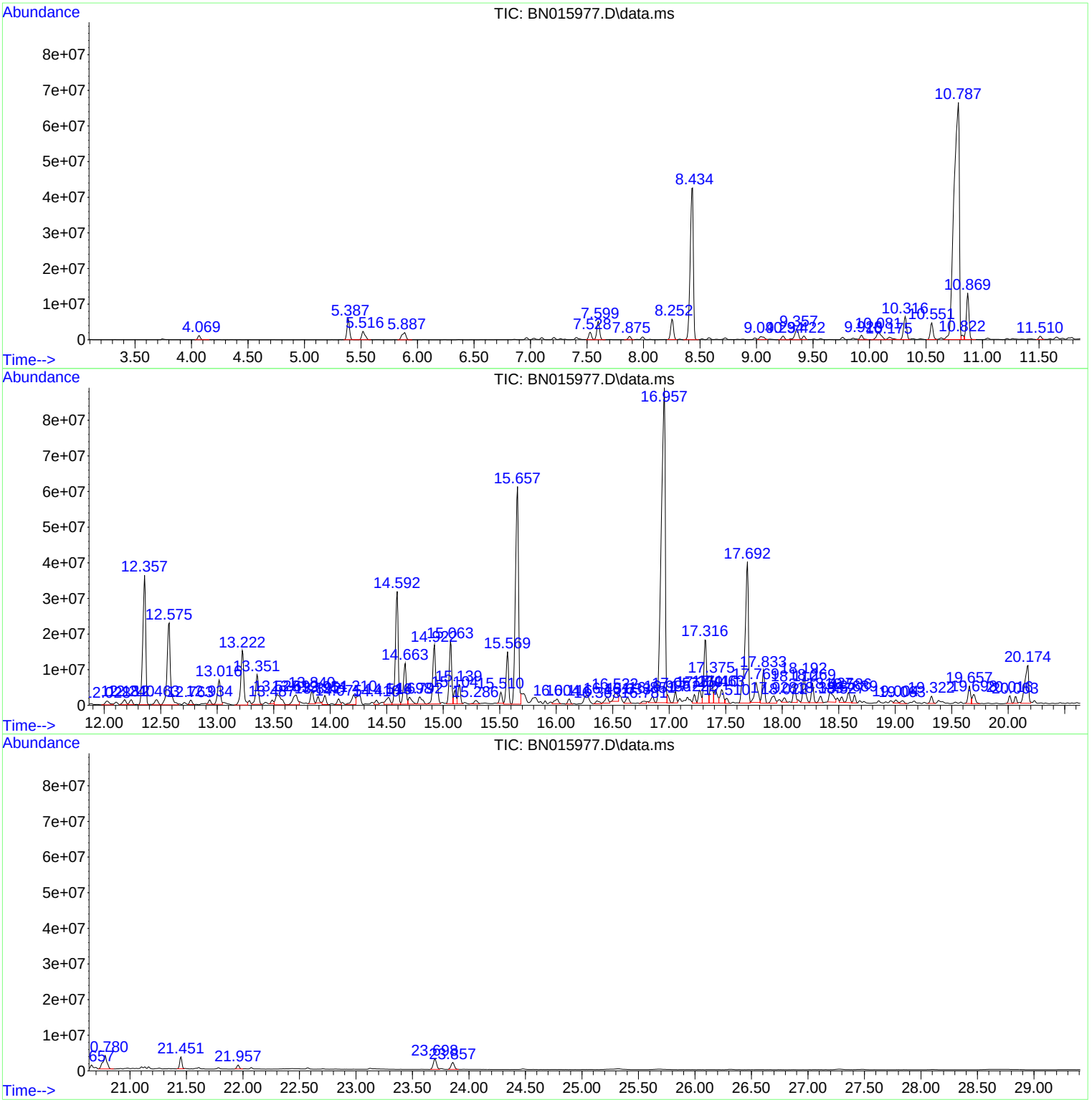
Sum of corrected areas: 1498128962

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

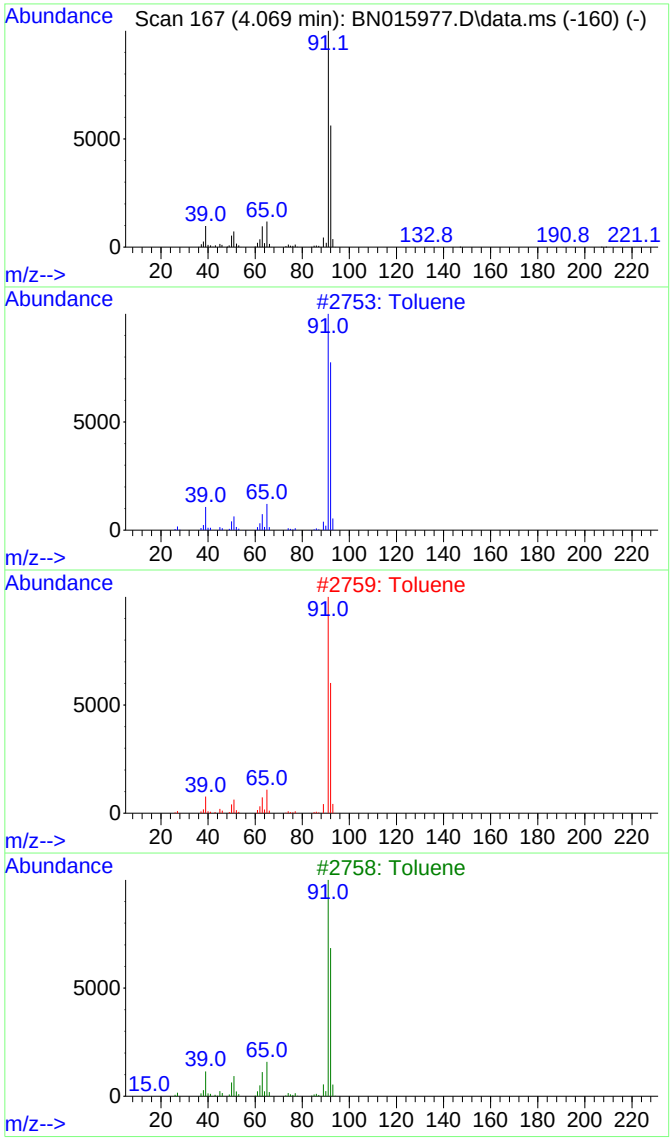
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

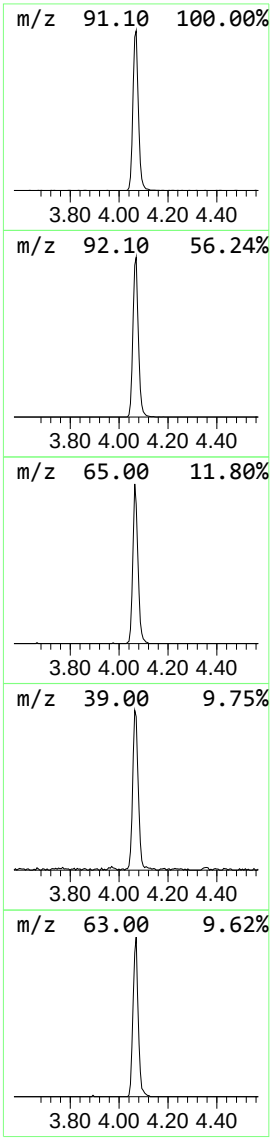
****

Peak Number 1 Toluene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.069	22.78 ng/ul	1855590	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

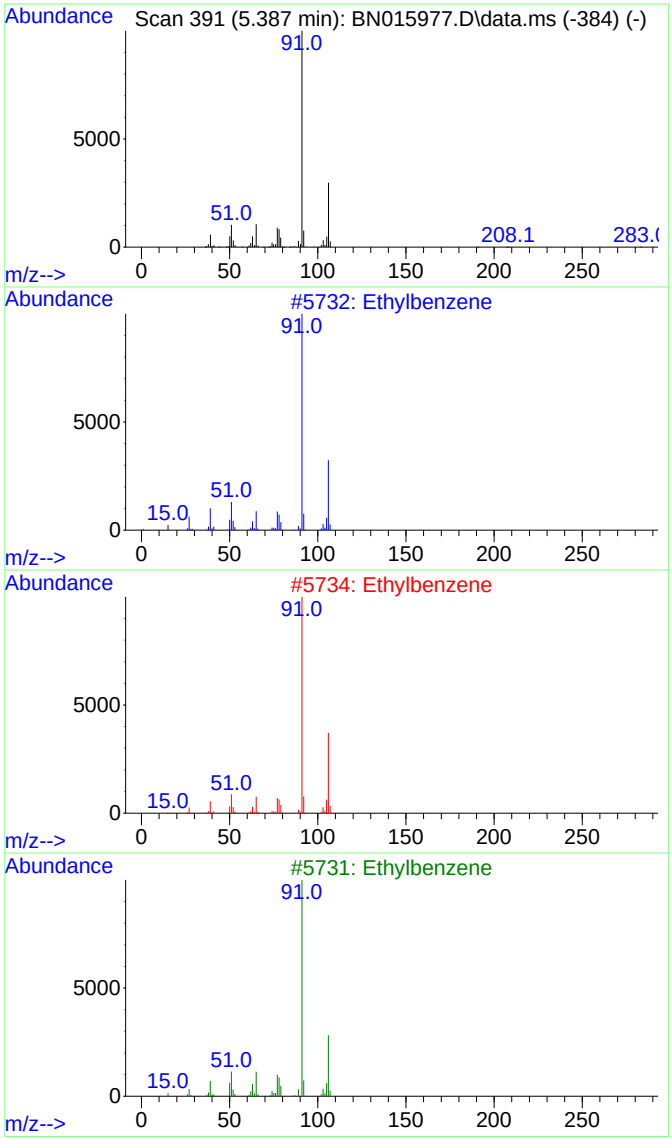
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

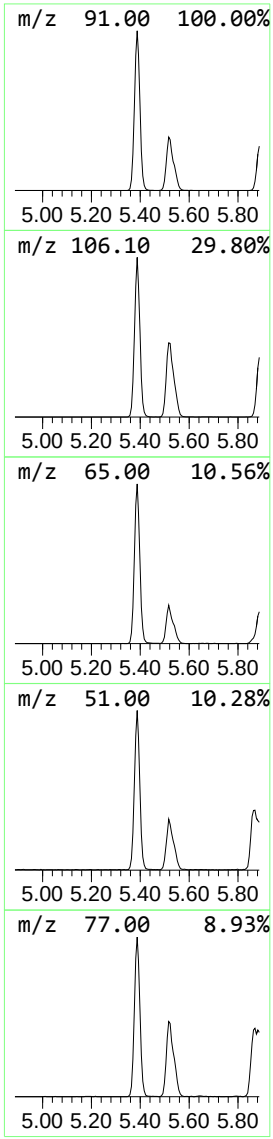
****

Peak Number 2 Ethylbenzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	113.06 ng/ul	9209980	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	94
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

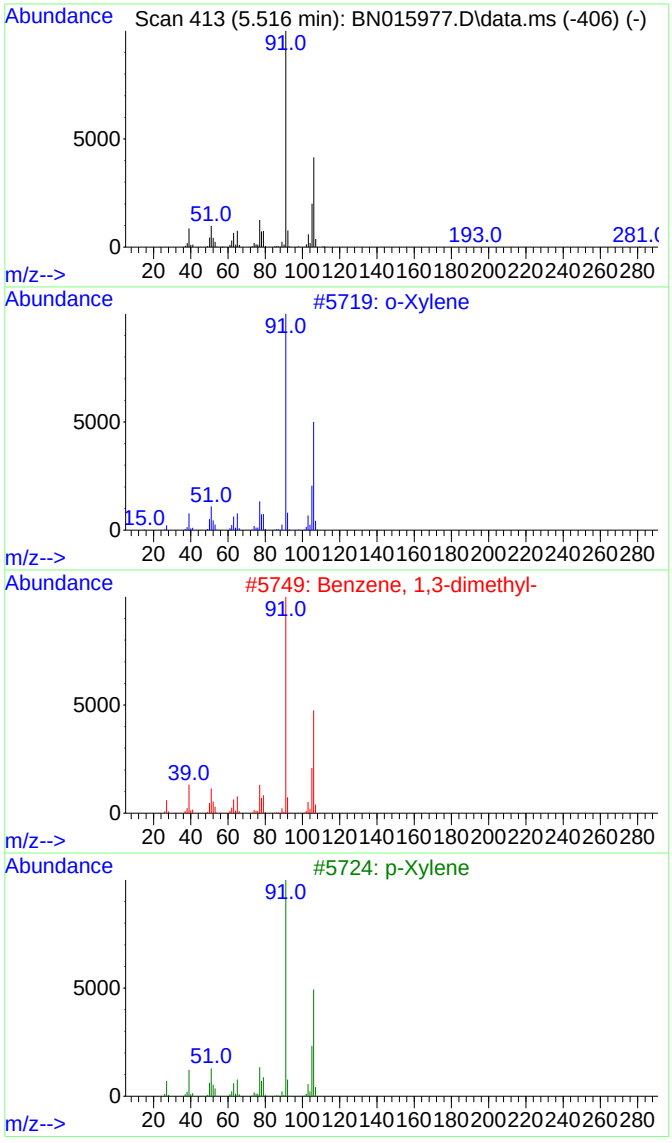
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

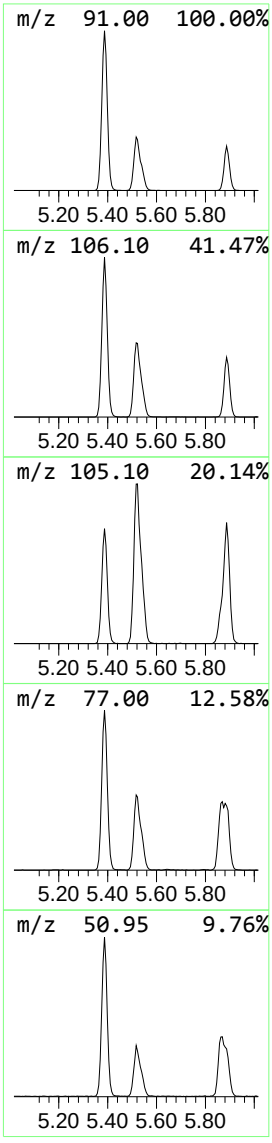
****

Peak Number 3 o-Xylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.516	59.75 ng/ul	4867320	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKA9

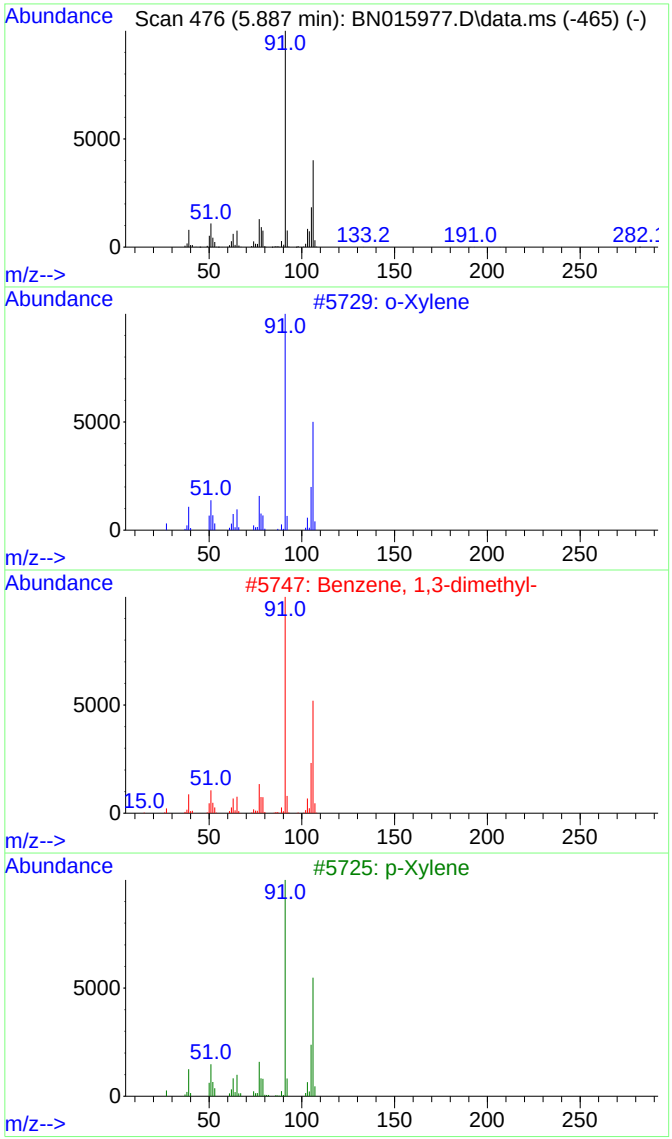
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

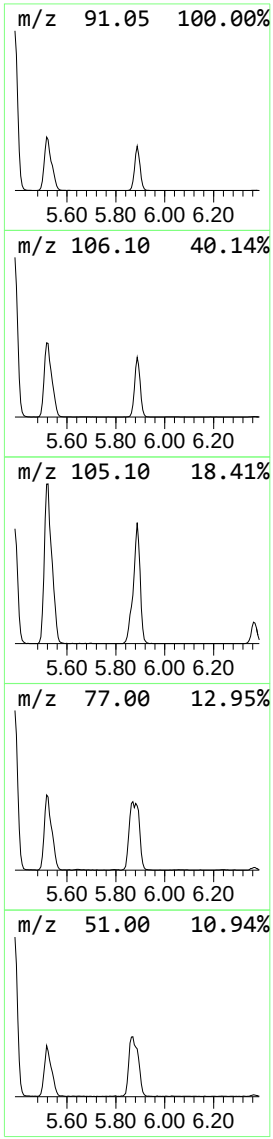
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.887	62.98 ng/ul	5130160	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKA9

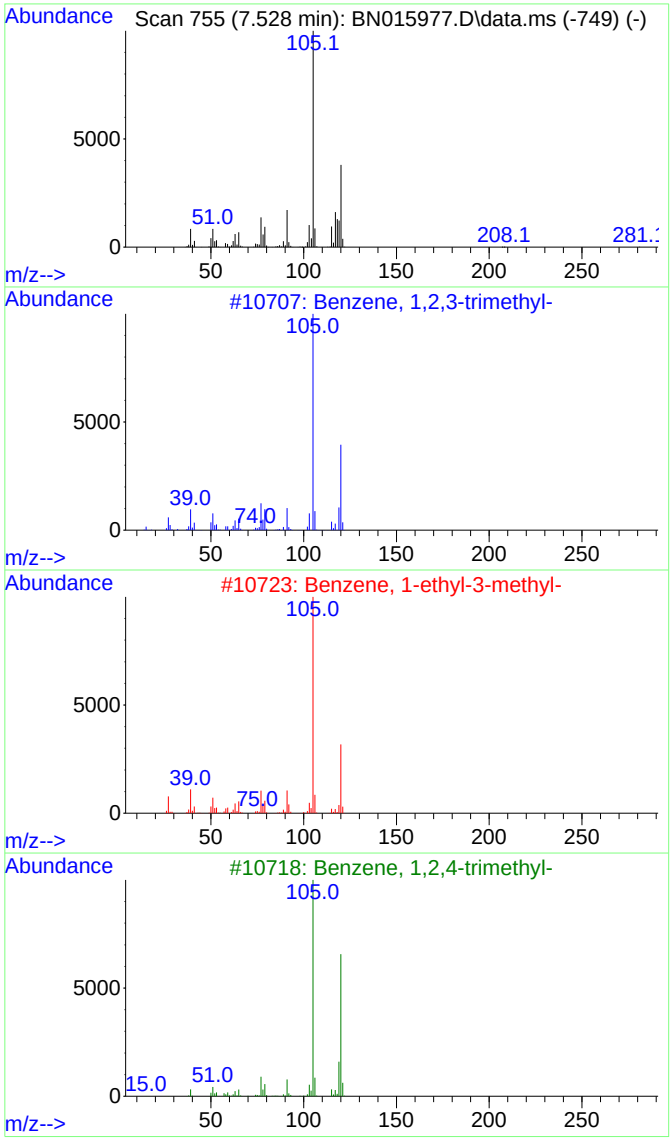
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

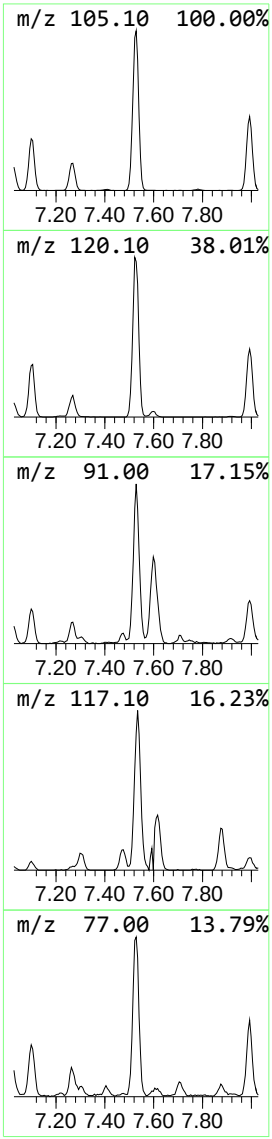
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	45.62 ng/ul	3716310	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4	Mesitylene	120	C9H12	000108-67-8	70
5	Mesitylene	120	C9H12	000108-67-8	70





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Operator : CG/JU
Sample : M3399-07
Misc :
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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

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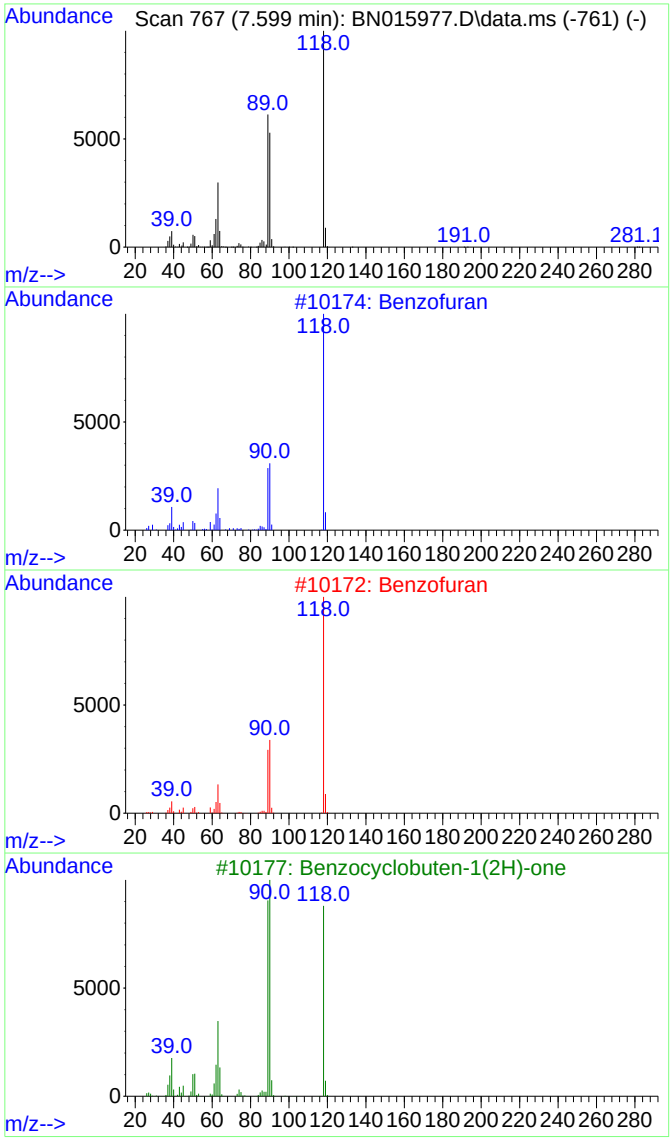
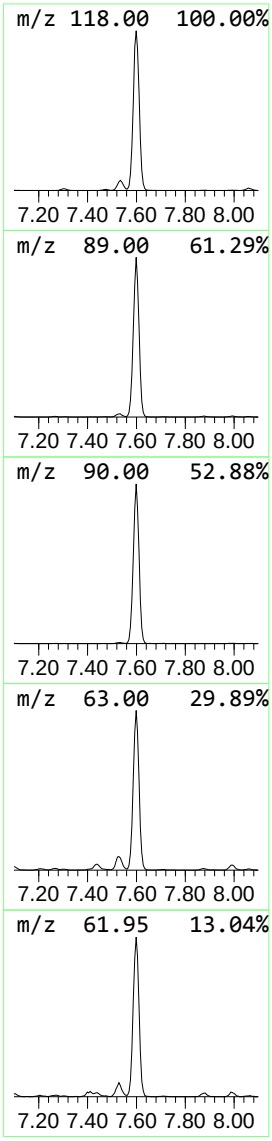
Peak Number 6 Benzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.599	106.63 ng/ul	8686300	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	81
5	Benzofuran	118	C8H6O	000271-89-6	81





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Misc :
ALS Vial : 9 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

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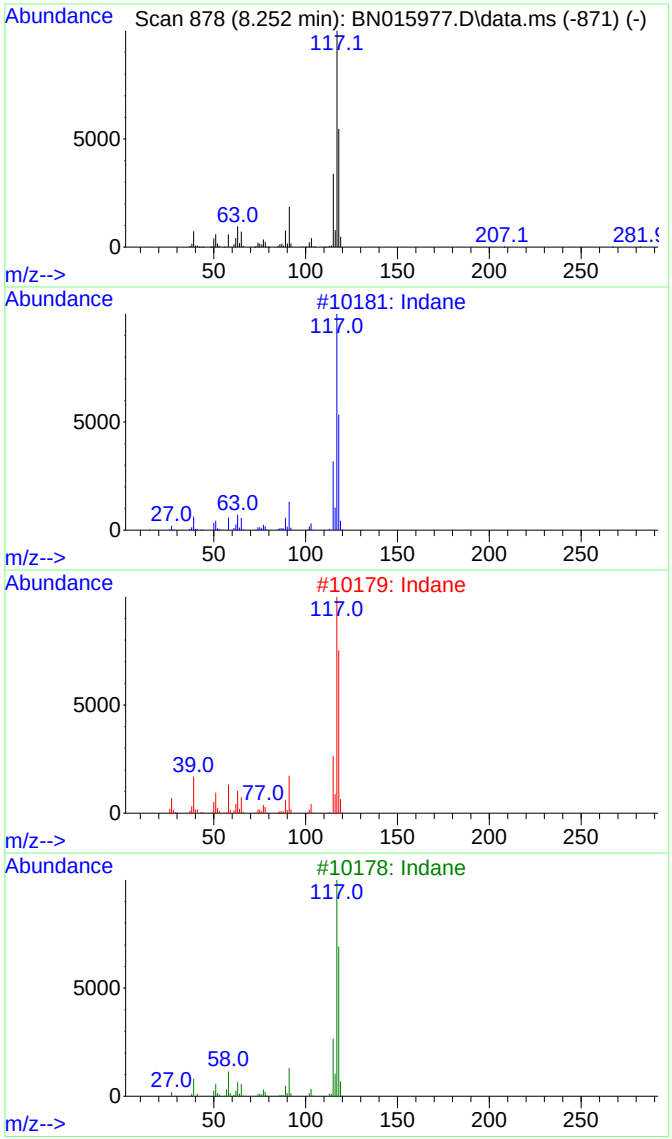
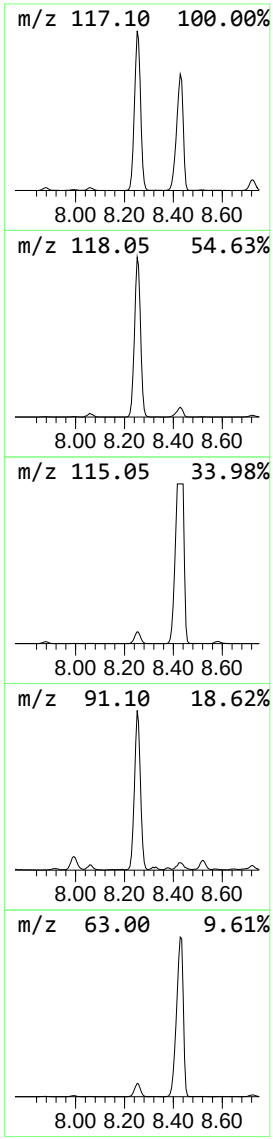
Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.252	120.37 ng/ul	9805040	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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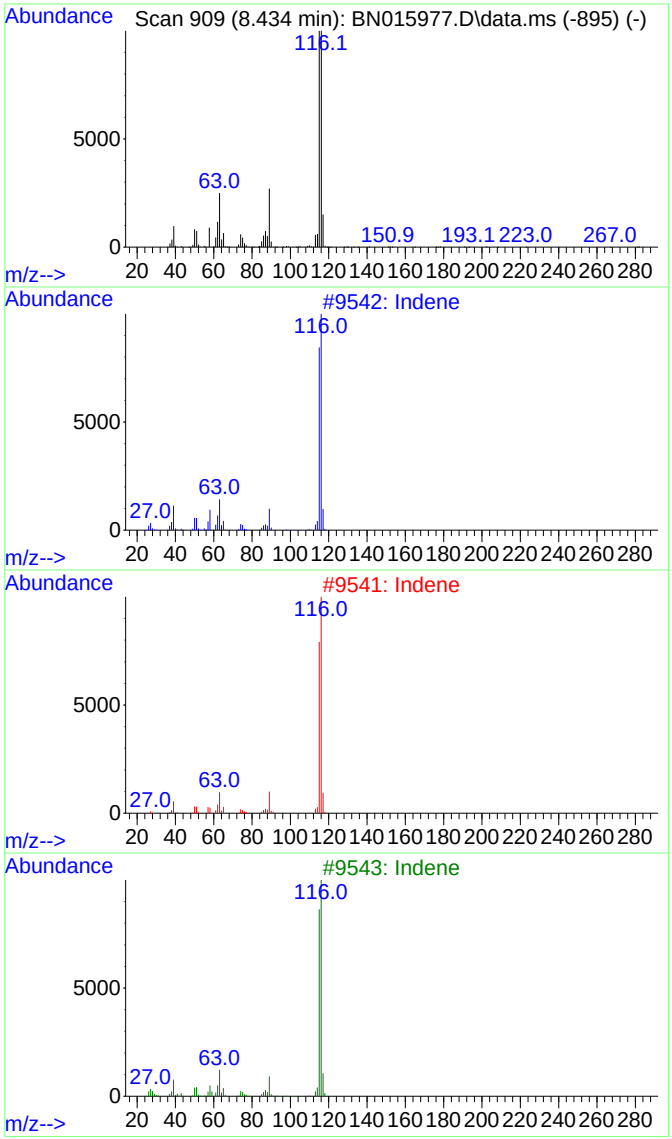
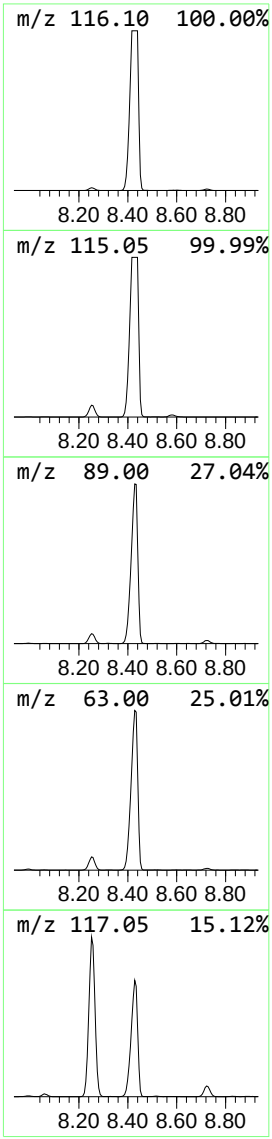
Peak Number 8 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	1020.09 ng/ul	83097100	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





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Instrument : BNA_N
ClientSampleId : DBKA9

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Quant Title : SVOA CALIBRATION

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

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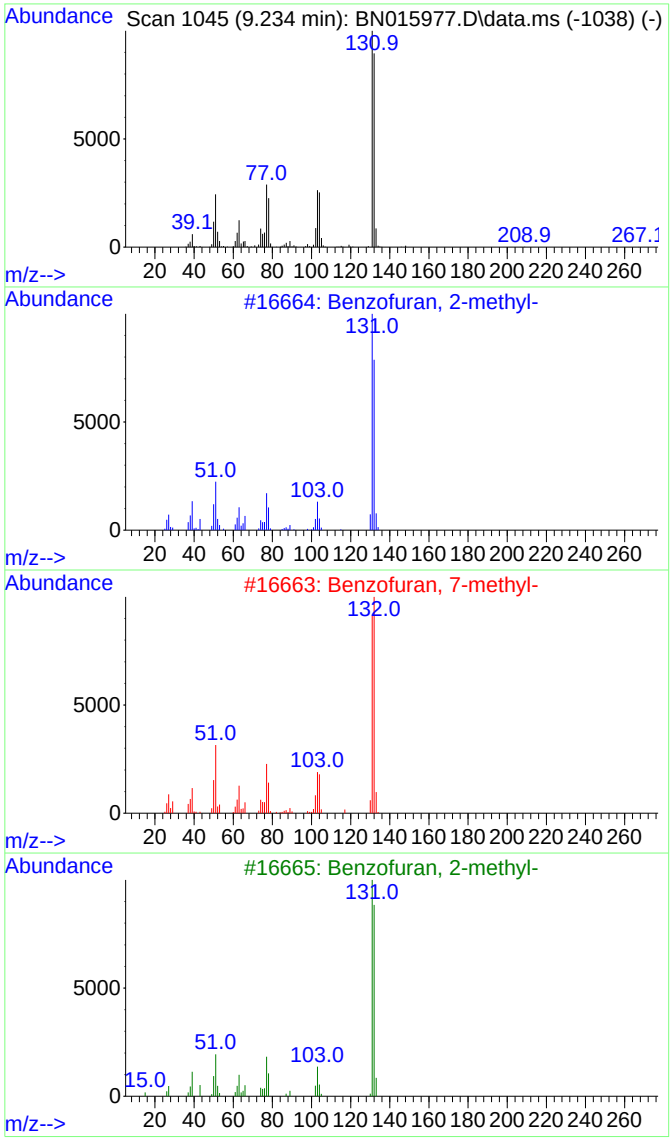
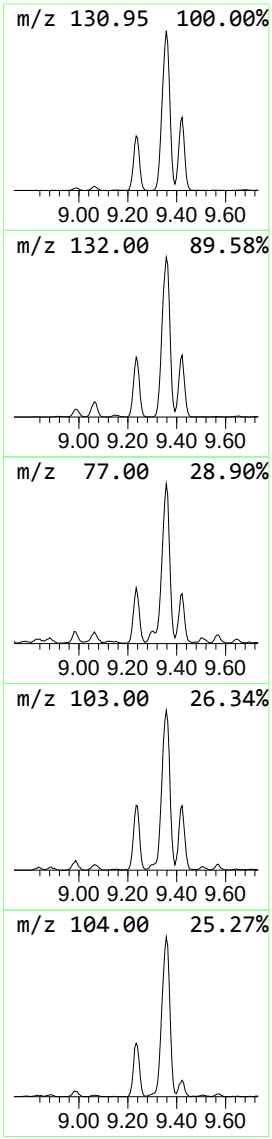
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.234	22.26 ng/ul	1813700	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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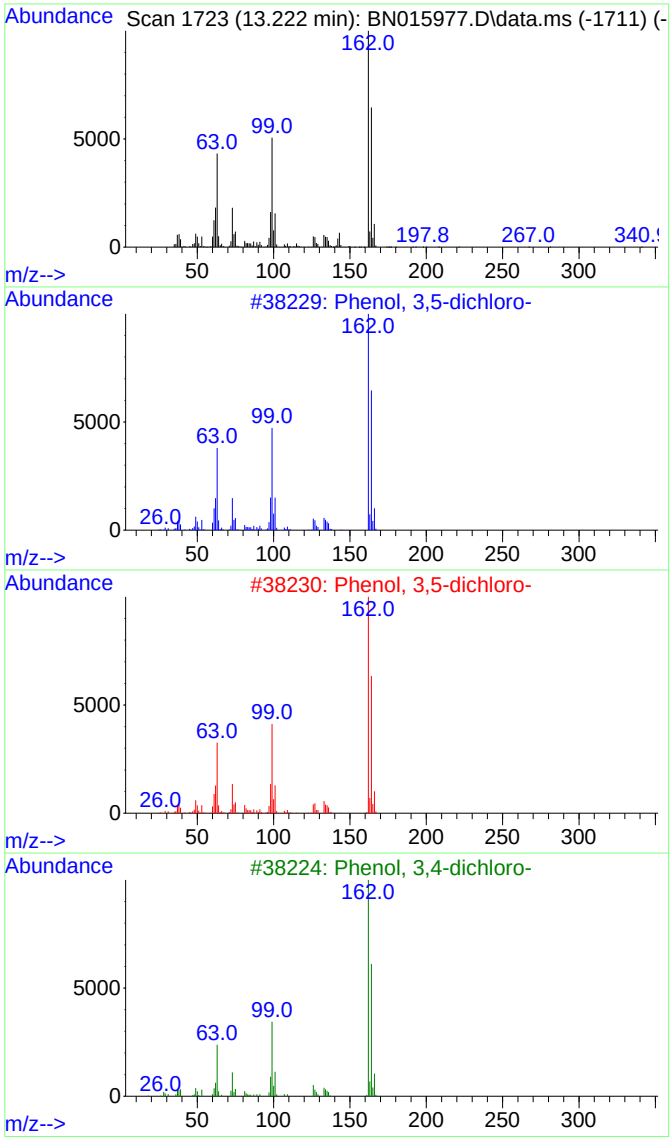
Quant Title : SVOA CALIBRATION

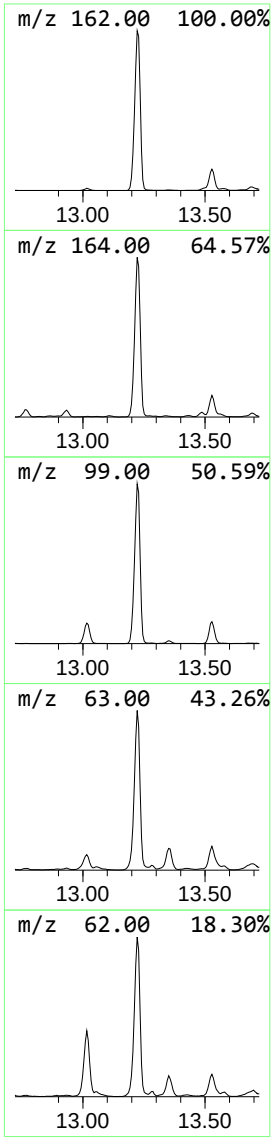
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenol, 3,5-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	112.16 ng/ul	27706500	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96





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Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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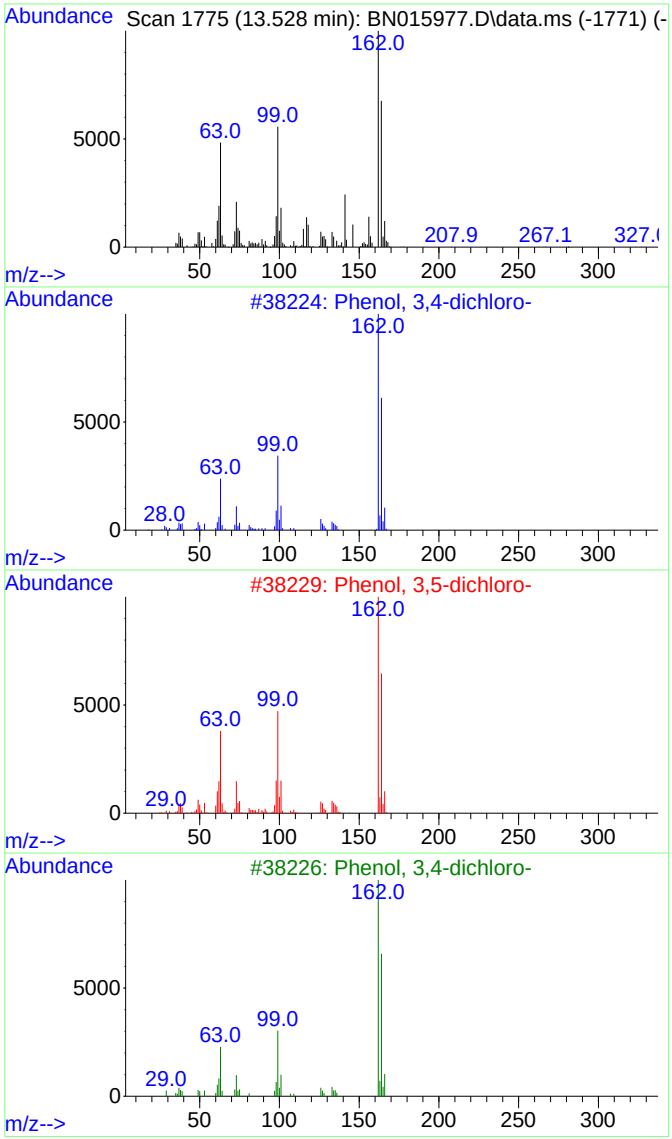
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

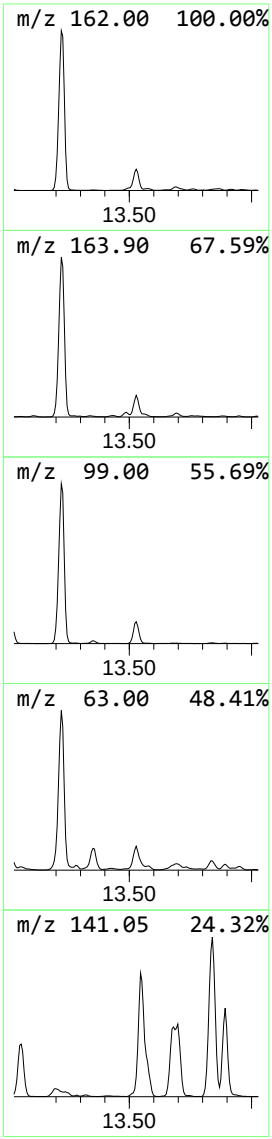
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 3,4-dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.528	40.12 ng/ul	9909420	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93





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Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

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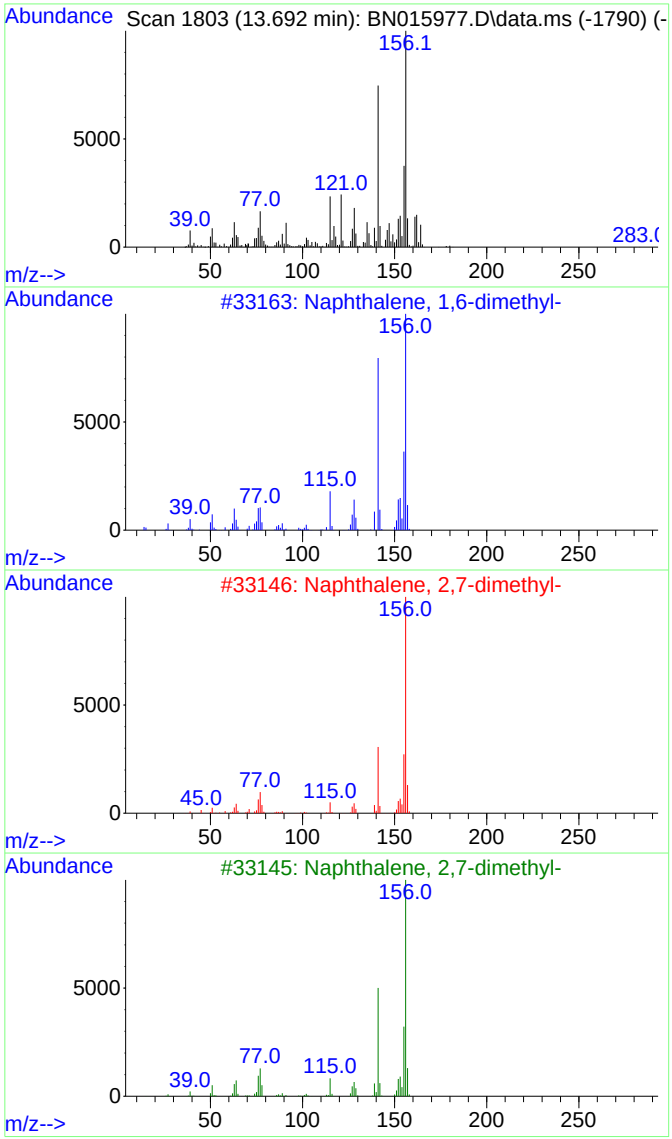
Quant Title : SVOA CALIBRATION

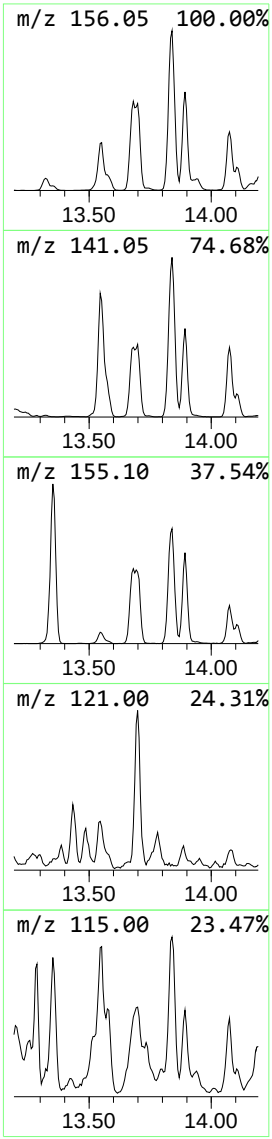
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.693	33.60 ng/ul	8300170	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : M3399-07
Misc :
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Instrument : BNA_N
ClientSampleId : DBKA9

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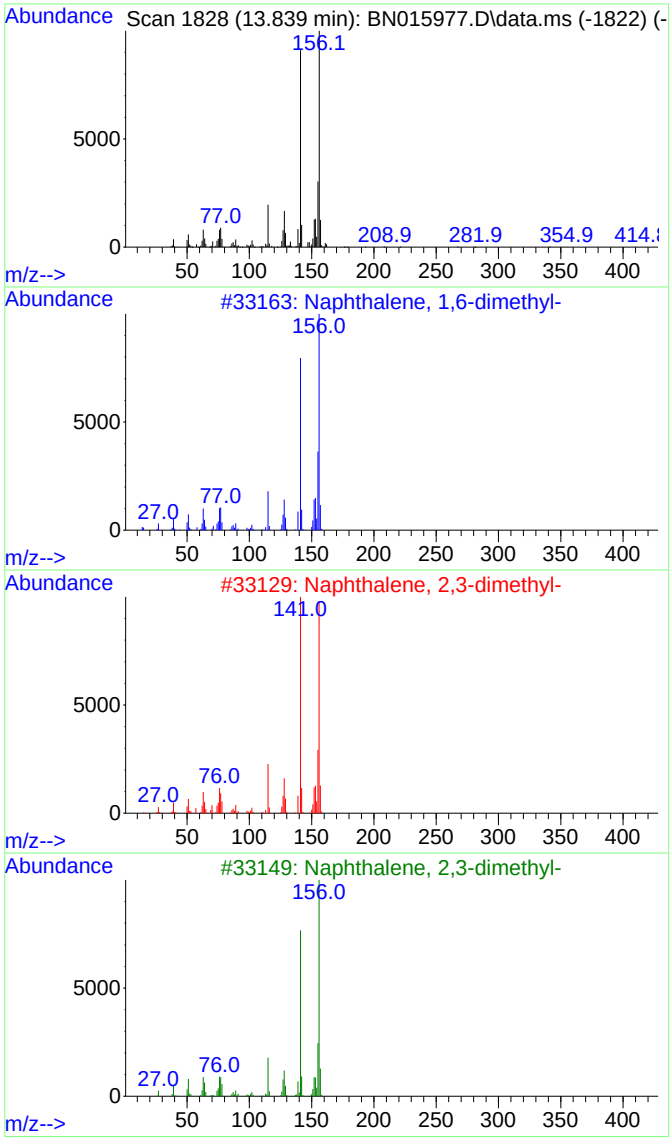
Quant Title : SVOA CALIBRATION

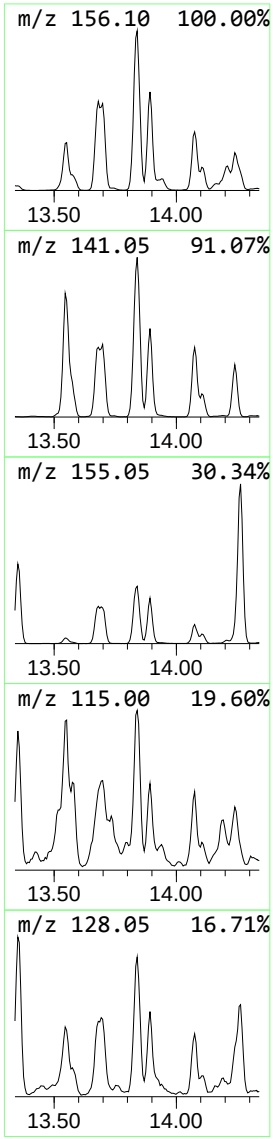
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	24.51 ng/ul	6054710	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Quant Title : SVOA CALIBRATION

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

****
Peak Number 20 2-Naphthalenecarbonitrile Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	74.93 ng/ul	18509200	Acenaphthene-d10	14.516

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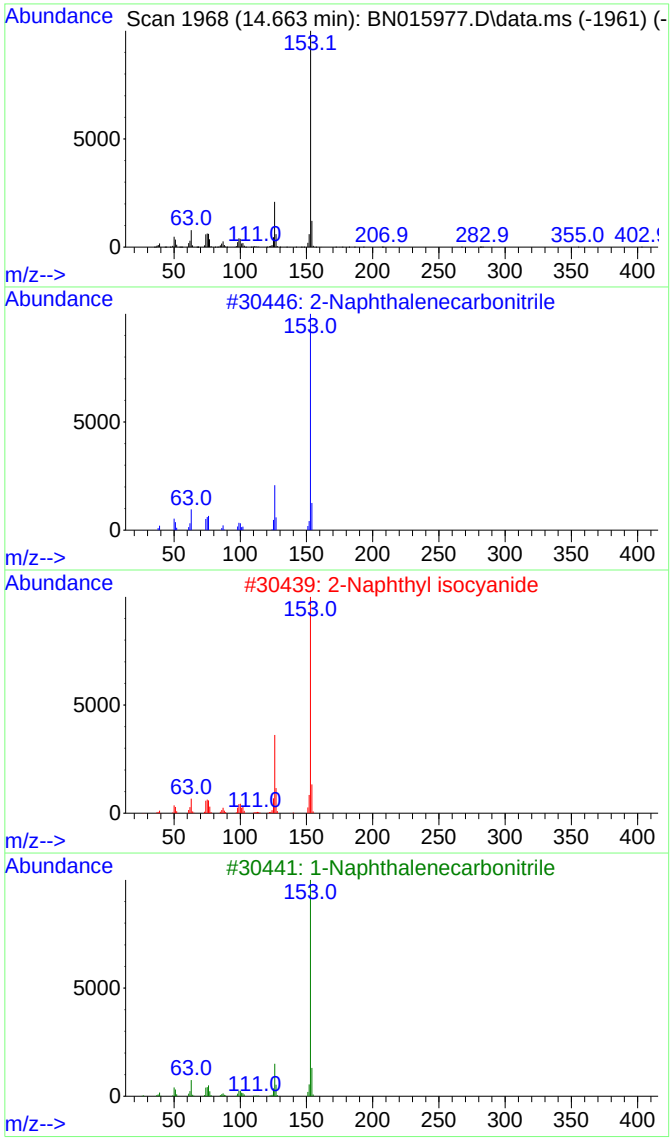

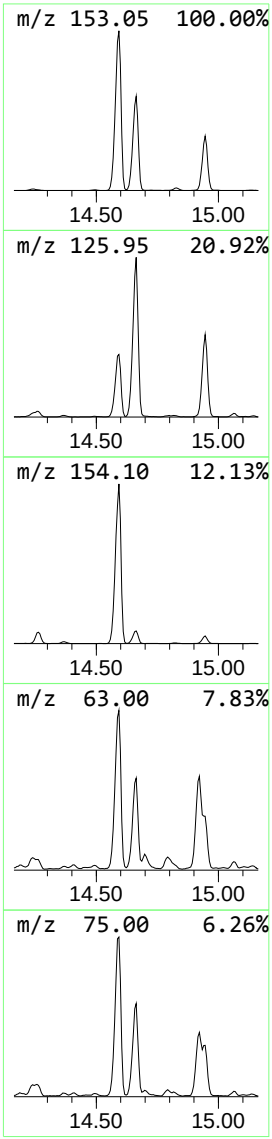

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Quant Title : SVOA CALIBRATION

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

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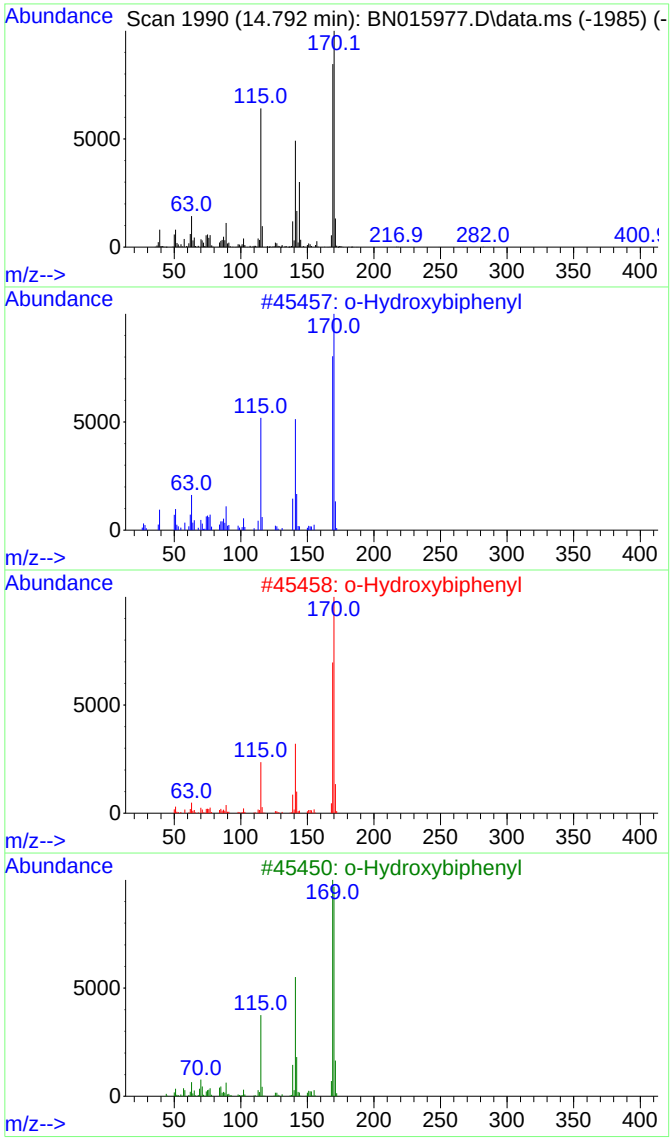
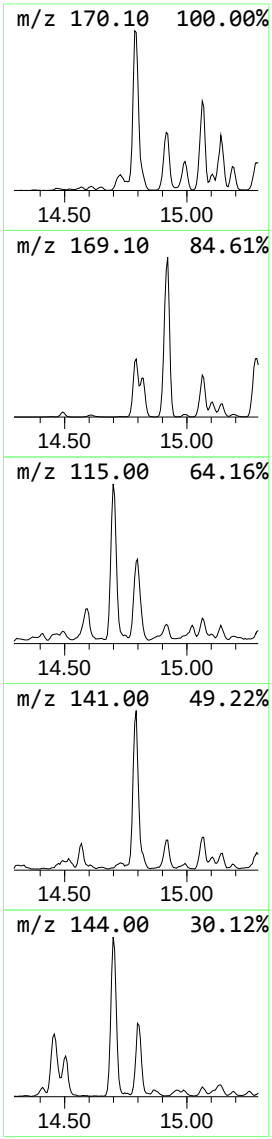
Peak Number 21 o-Hydroxybiphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	19.54 ng/ul	4825940	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	90
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	90
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81





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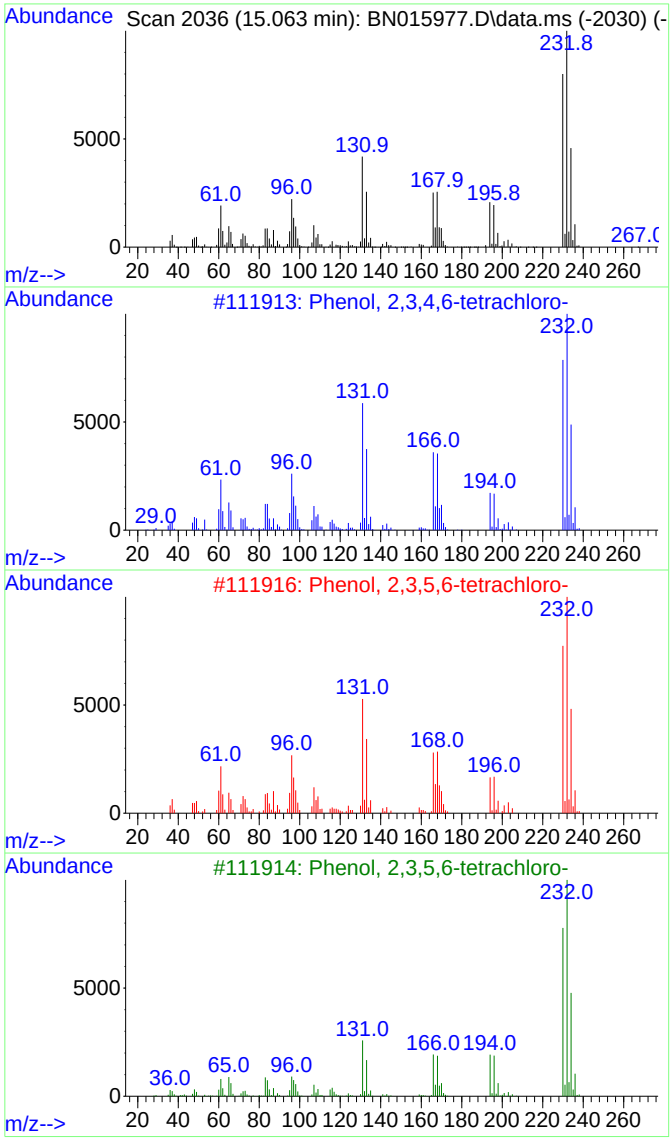
Quant Title : SVOA CALIBRATION

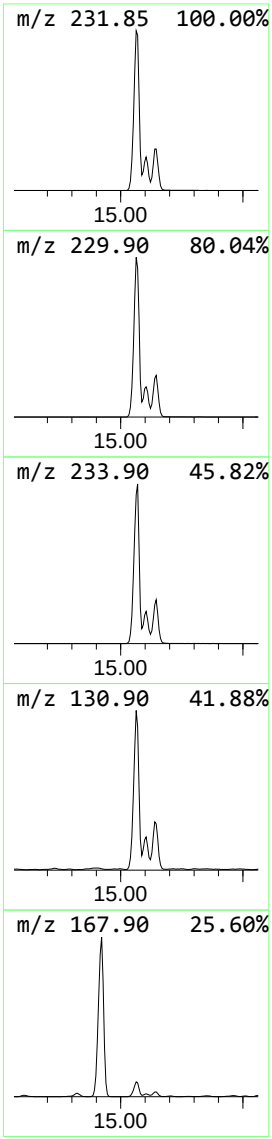
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	107.46 ng/ul	26544600	Acenaphthene-d10	14.516

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





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Misc :
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TIC Integration Parameters: LSCINT.P

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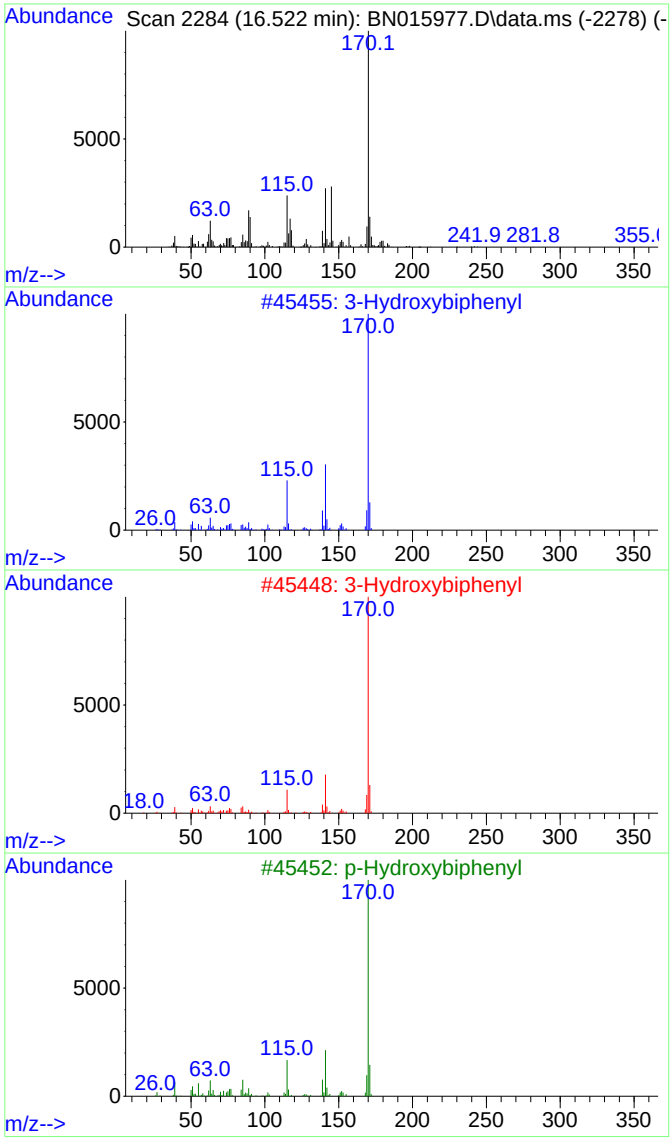
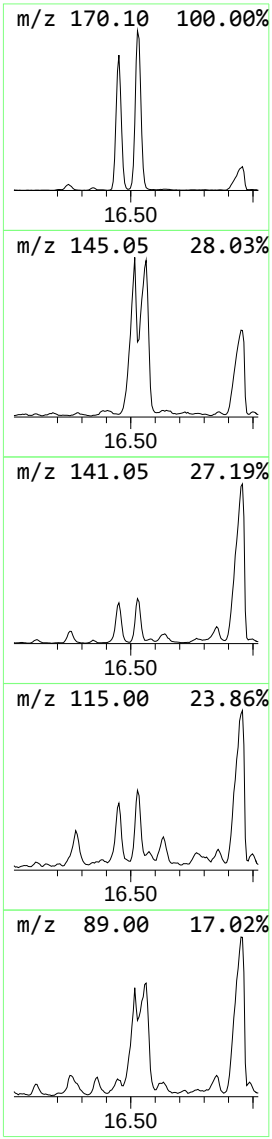
Peak Number 28 3-Hydroxybiphenyl Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.522	17.74 ng/ul	5793820	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	93
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	76
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	68
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	64





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Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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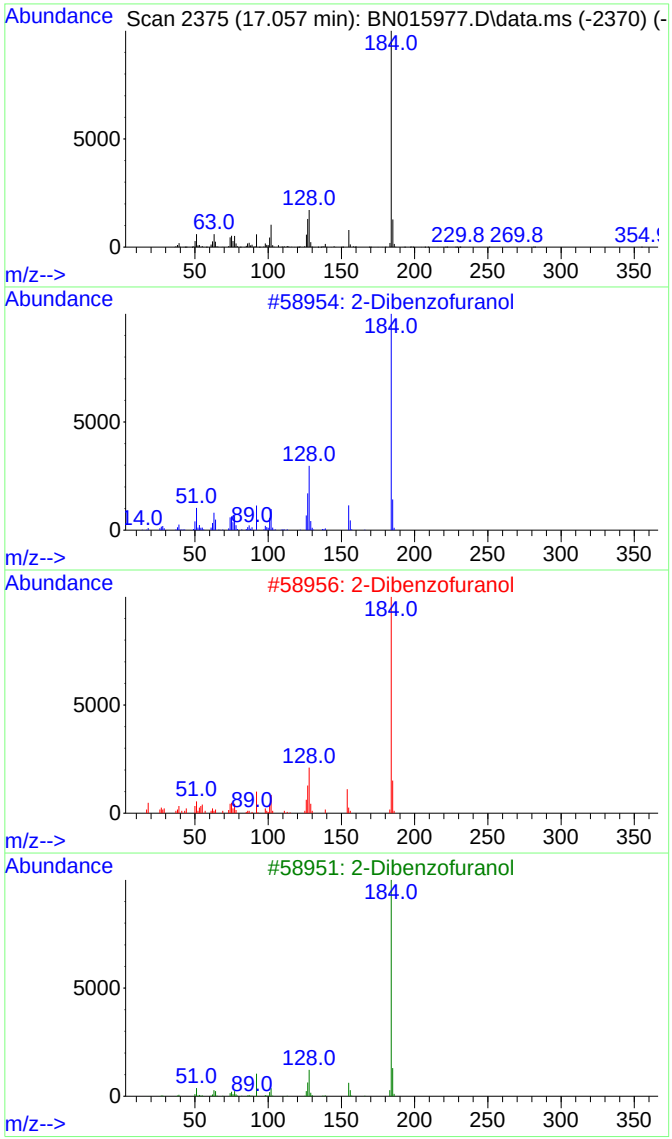
Quant Title : SVOA CALIBRATION

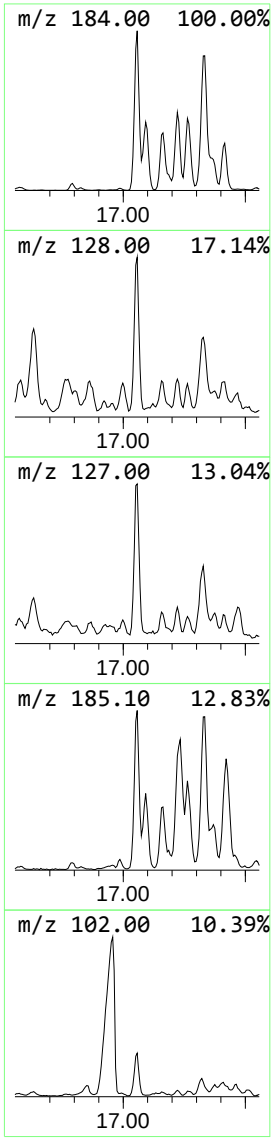
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 2-Dibenzofuranol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	13.19 ng/ul	4308960	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87





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Misc :
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Instrument : BNA_N
ClientSampleId : DBKA9

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Quant Title : SVOA CALIBRATION

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

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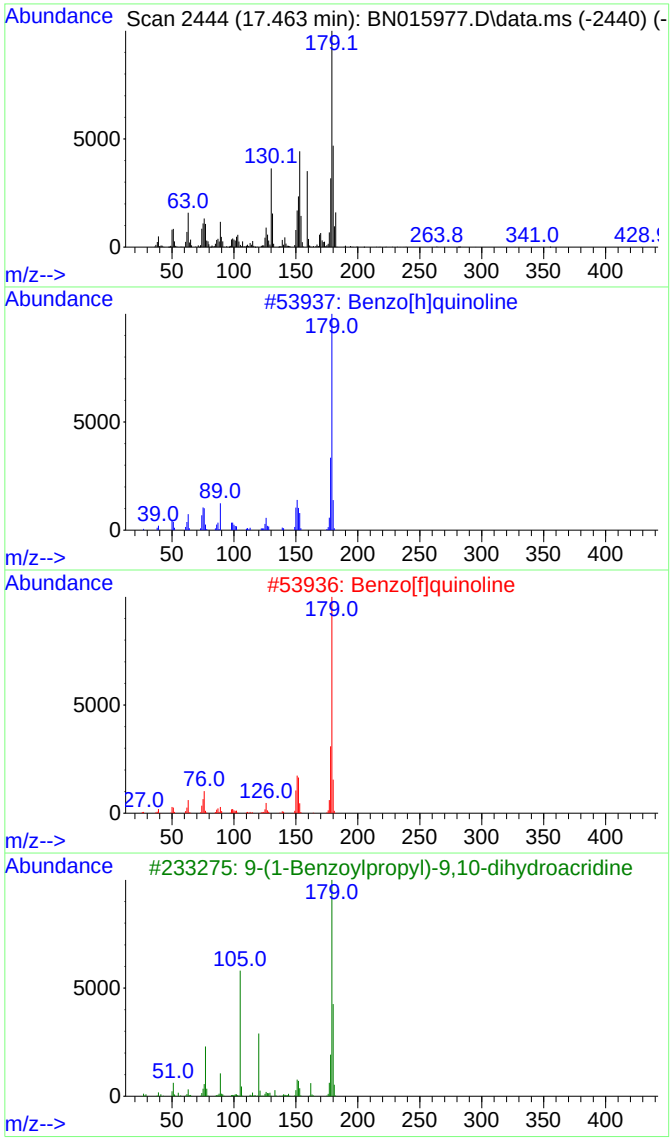
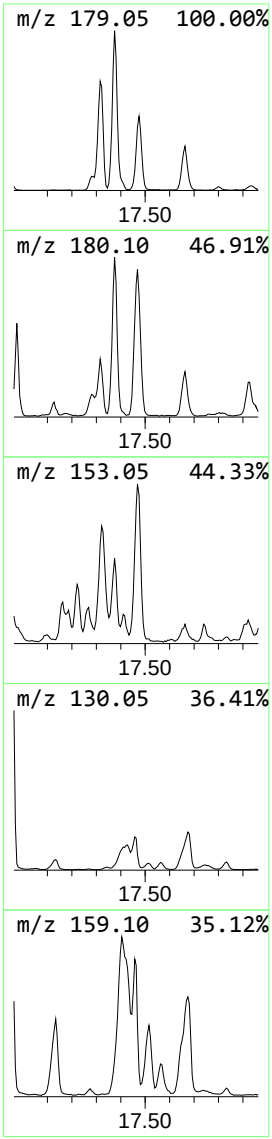
Peak Number 34 Benzo[h]quinoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	23.38 ng/ul	7636070	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	62
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	45
3	9-(1-Benzoylpropyl)-9,10-dihydro...	327	C23H21NO	015539-50-1	43
4	Phenanthridine	179	C13H9N	000229-87-8	41
5	Acridine	179	C13H9N	000260-94-6	41





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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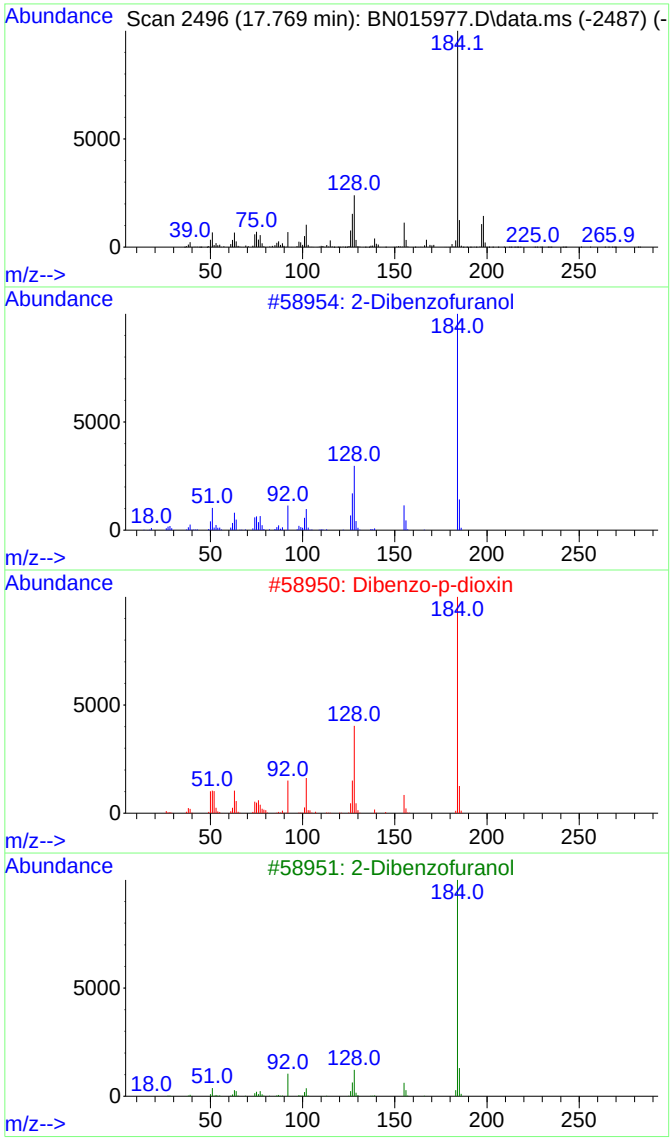
Quant Title : SVOA CALIBRATION

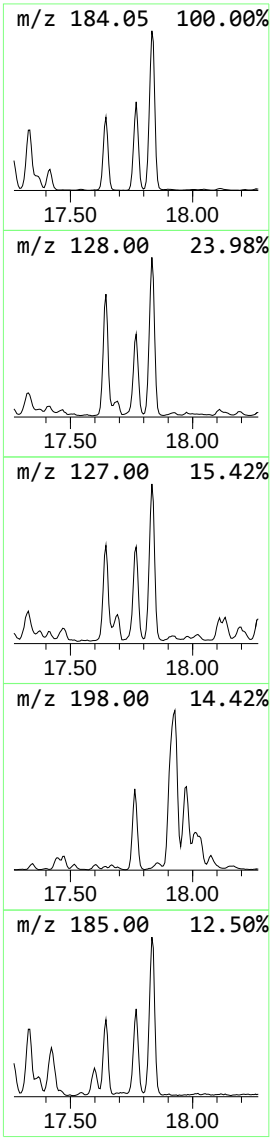
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Dibenzo-p-dioxin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	38.22 ng/ul	12485600	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	64
5	3-(Pyridine-3-yl)aniline, N-methyl	184	C12H12N2	1378740-24-9	58





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Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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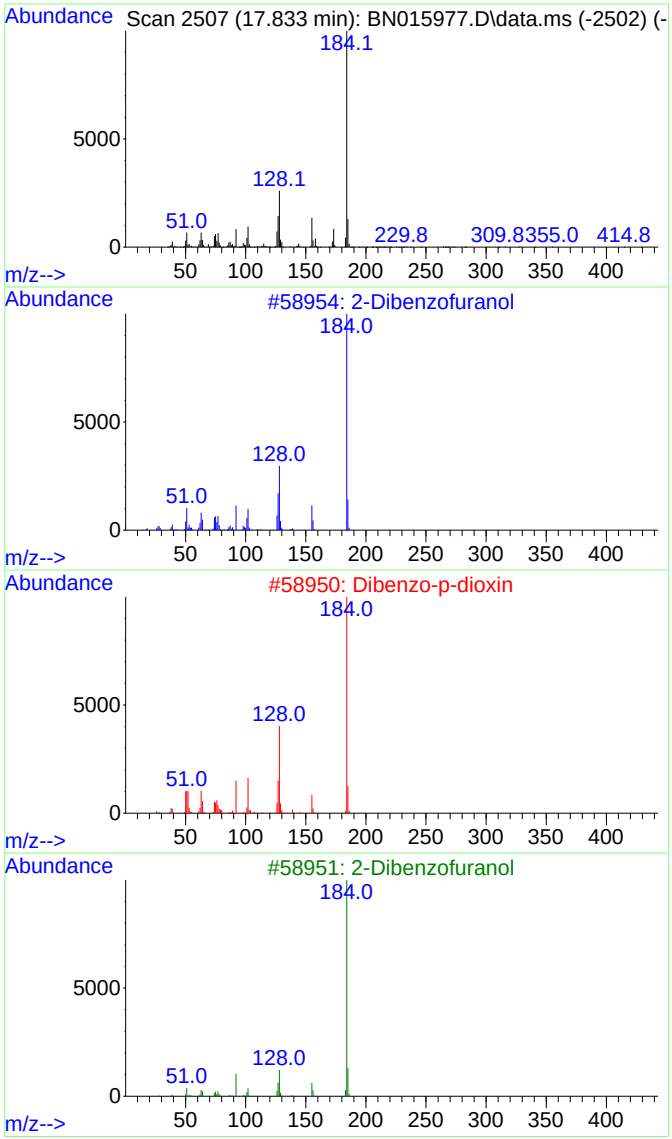
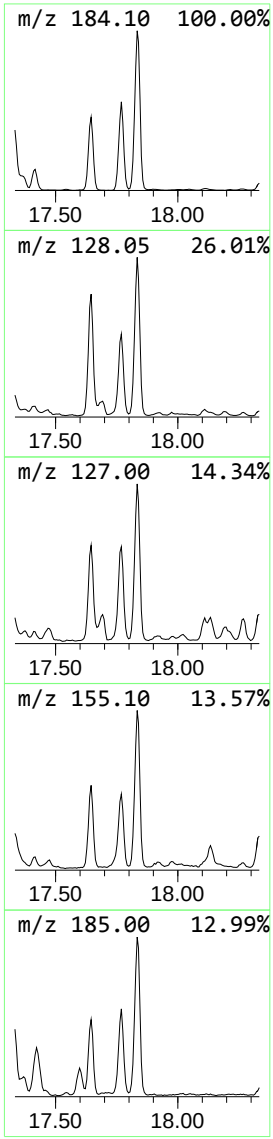
Peak Number 37 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	42.50 ng/ul	13882600	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	93
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87





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Misc :
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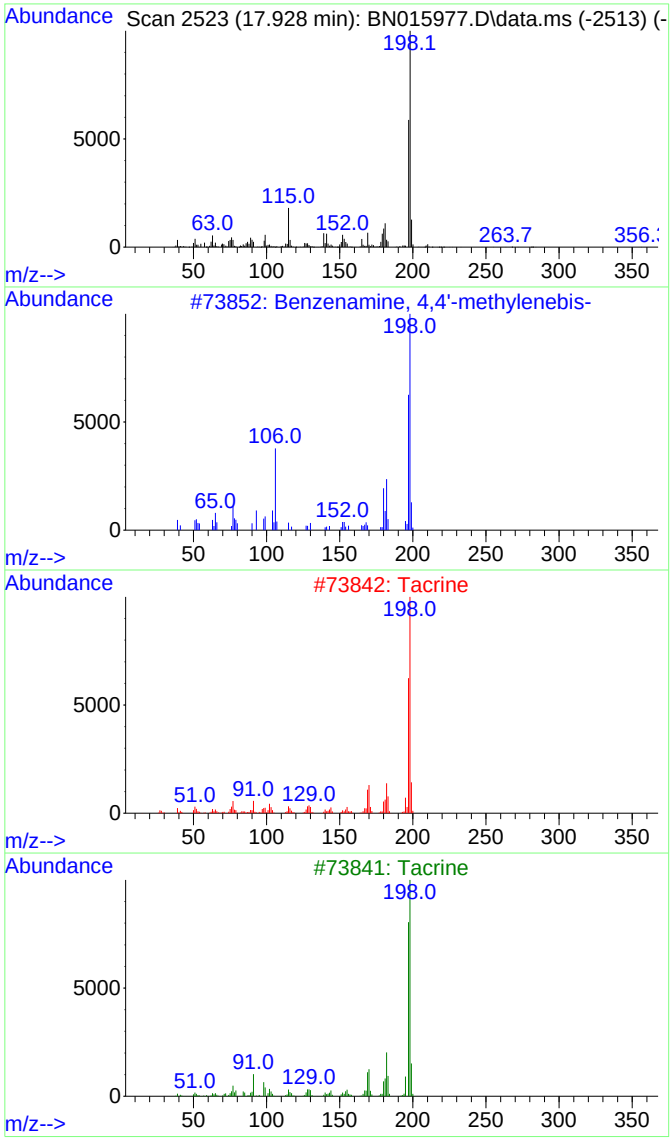
Quant Title : SVOA CALIBRATION

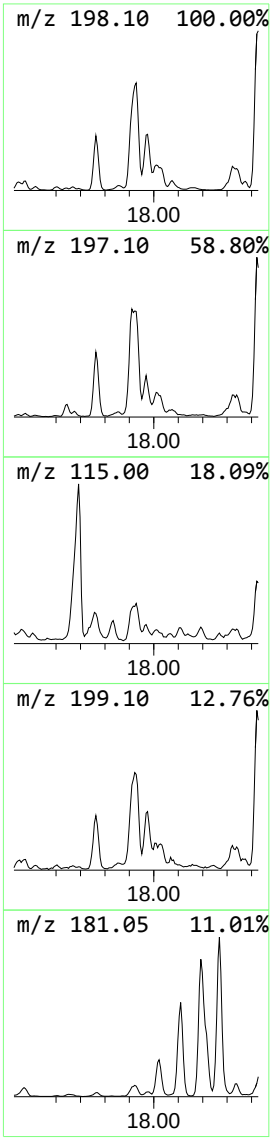
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzenamine, 4,4'-methylene... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	15.77 ng/ul	5150820	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
2	Tacrine	198	C13H14N2	000321-64-2	78
3	Tacrine	198	C13H14N2	000321-64-2	78
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

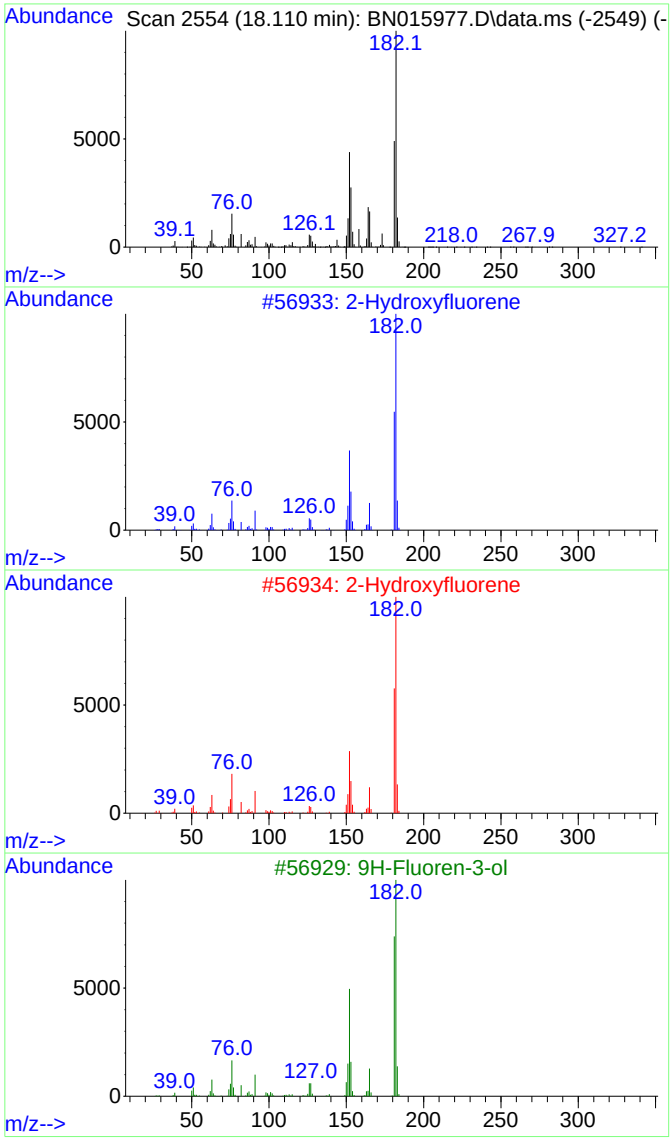
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

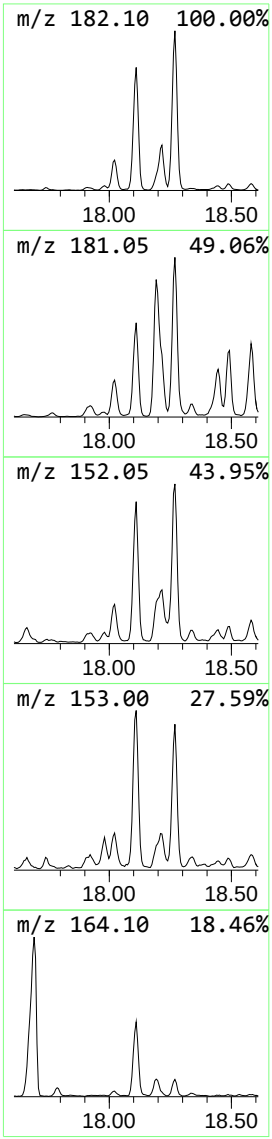
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2-Hydroxyfluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	22.58 ng/ul	7374310	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	68
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	53





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Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

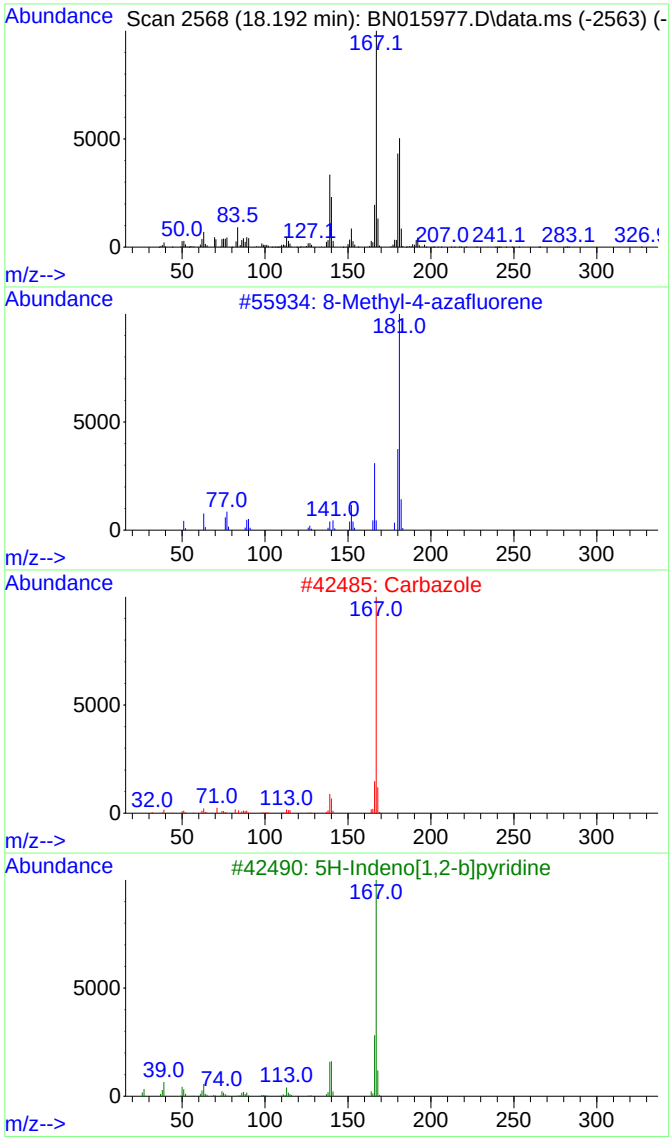
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

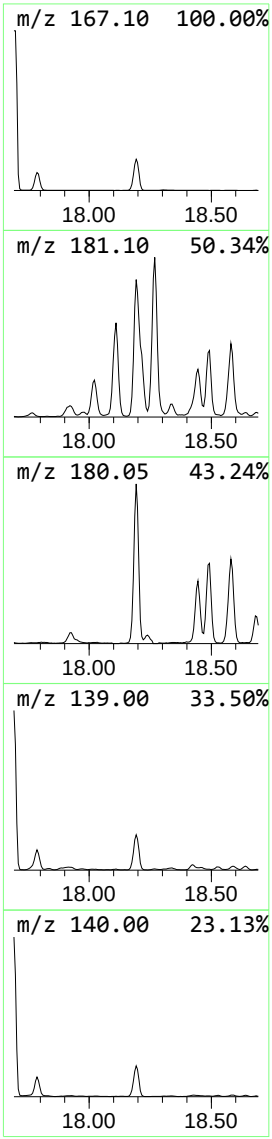
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 8-Methyl-4-azafluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	38.78 ng/ul	12668300	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methyl-4-azafluorene	181	C13H11N	064292-00-8	64
2	Carbazole	167	C12H9N	000086-74-8	53
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	50
4	Carbazole	167	C12H9N	000086-74-8	50
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	45





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Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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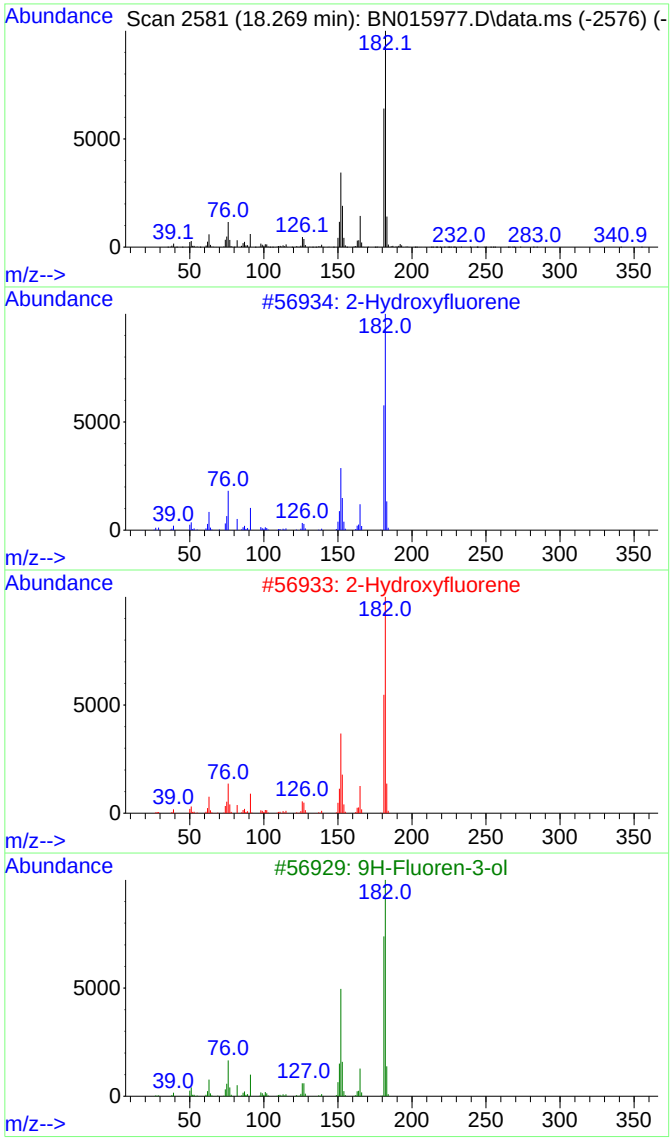
Quant Title : SVOA CALIBRATION

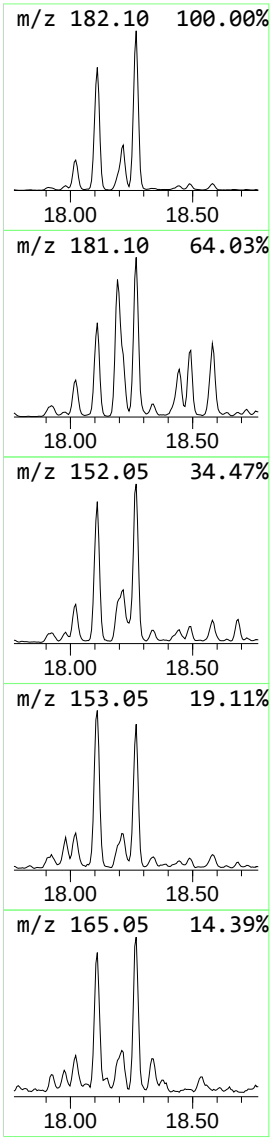
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 9H-Fluoren-3-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	22.92 ng/ul	7487920	Phenanthrene-d10	17.275

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	93
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

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Quant Title : SVOA CALIBRATION

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

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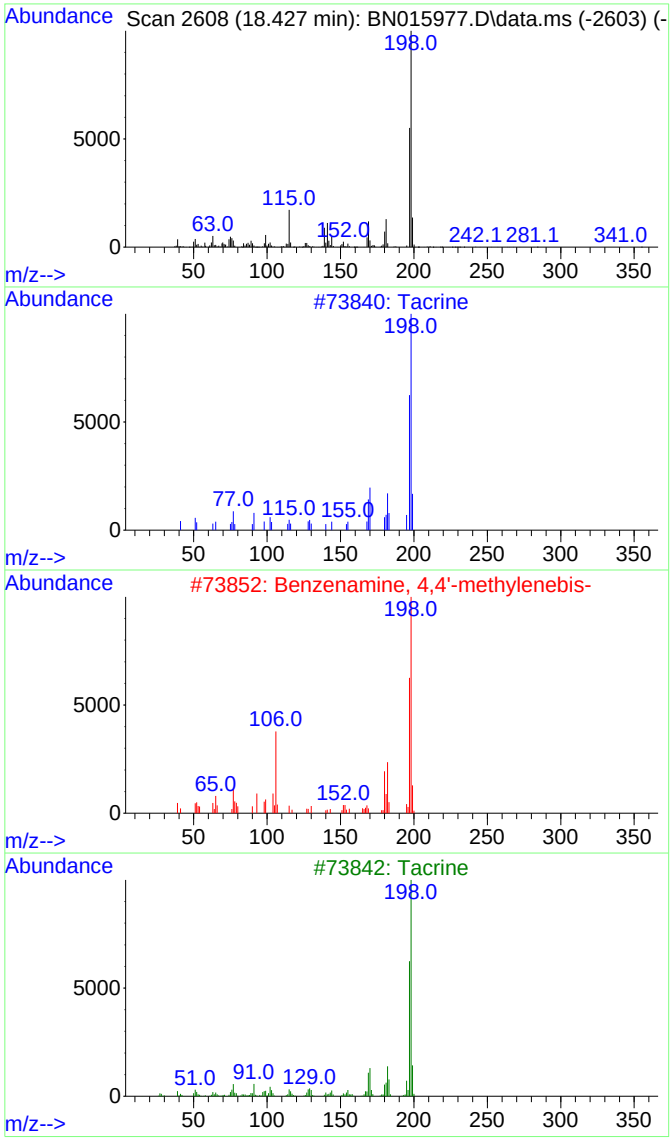
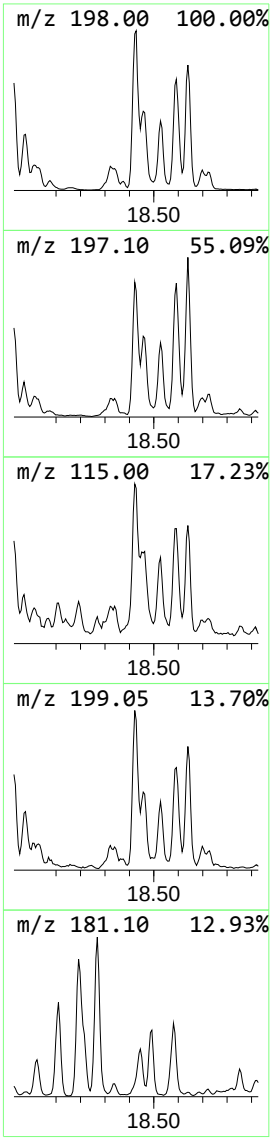
Peak Number 44 Tacrine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	23.66 ng/ul	7729700	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tacrine	198	C13H14N2	000321-64-2	78
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
3	Tacrine	198	C13H14N2	000321-64-2	72
4	Benzaldehyde, 3-phenoxy-	198	C13H10O2	039515-51-0	64
5	2,5-Dimethyl-4-(4-aminophenyl)py...	198	C13H14N2	071153-40-7	64





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Quant Title : SVOA CALIBRATION

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

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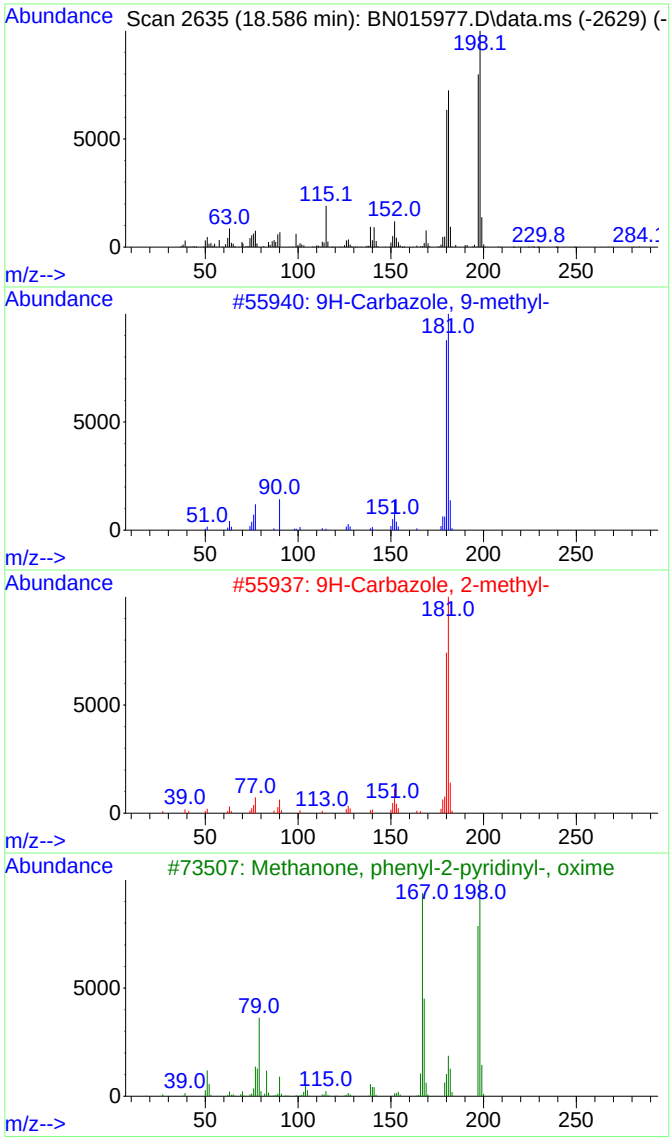
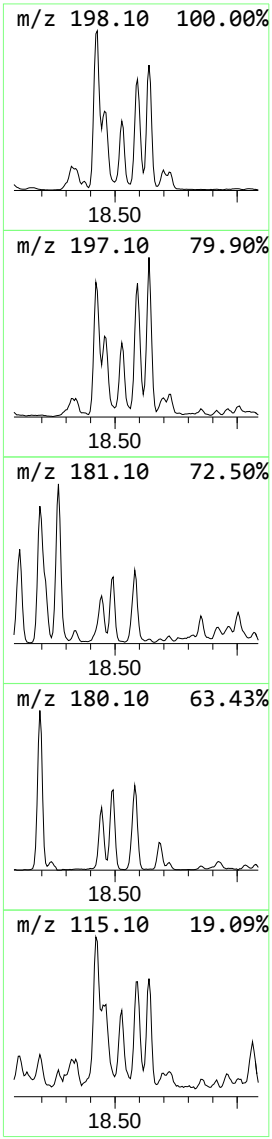
Peak Number 46 9H-Carbazole, 9-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	14.74 ng/ul	4814850	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	62
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	60
3	Methanone, phenyl-2-pyridinyl-, ...	198	C12H10N2O	001826-28-4	58
4	4-Methylcarbazole	181	C13H11N	003770-48-7	49
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	48





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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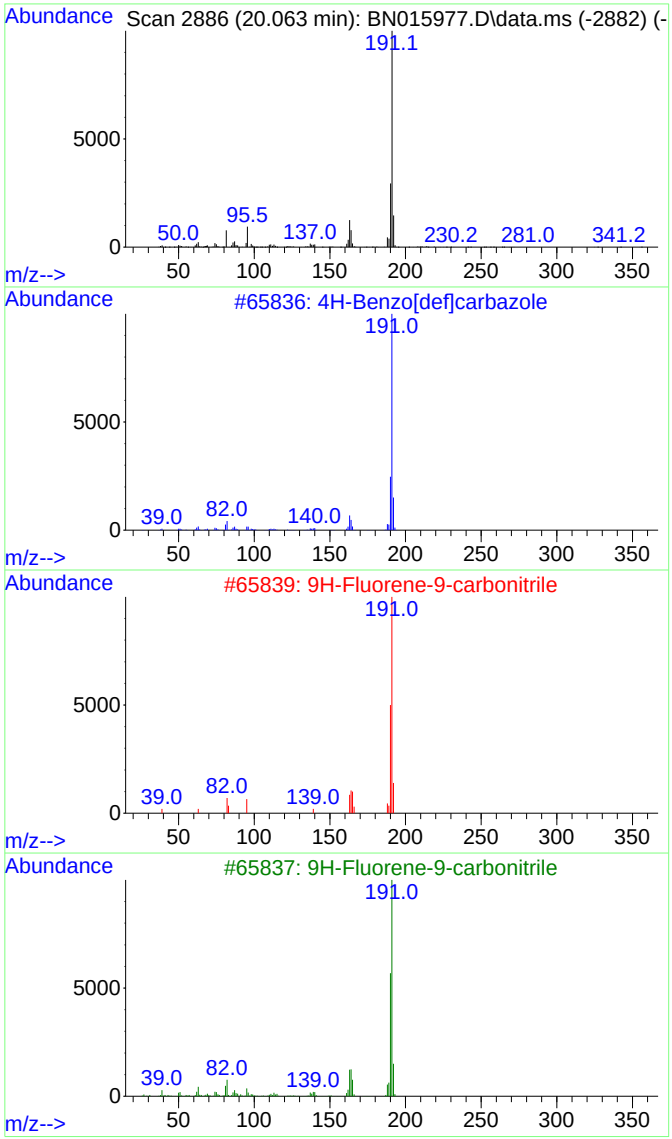
Quant Title : SVOA CALIBRATION

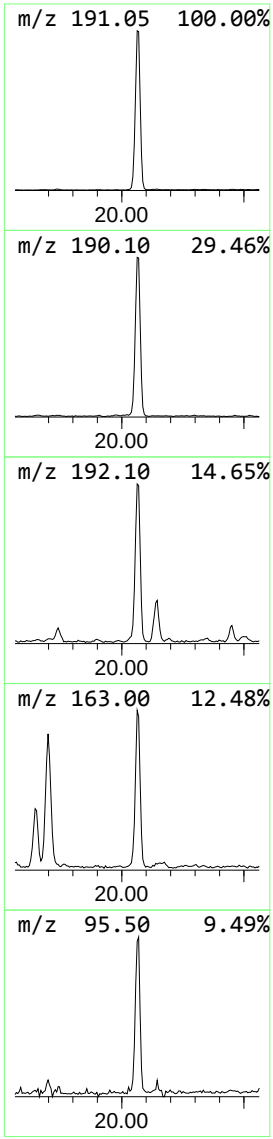
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 4H-Benzo[def]carbazole Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	11.07 ng/ul	2578920	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	90
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	72
3	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	64
4	1,2,3,6-Tetrahydropyridine, 4-[4...	191	C11H13NO2	090684-17-6	45
5	Isoquinoline, 3,4-dihydro-6,7-di...	191	C11H13NO2	003382-18-1	42





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Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

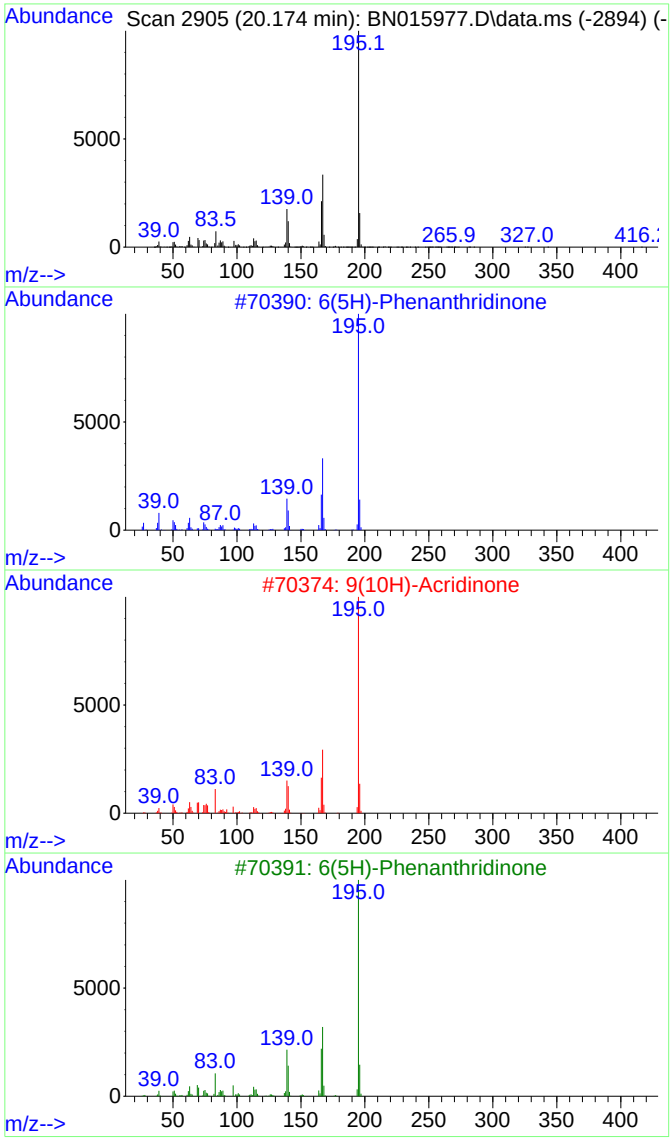
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

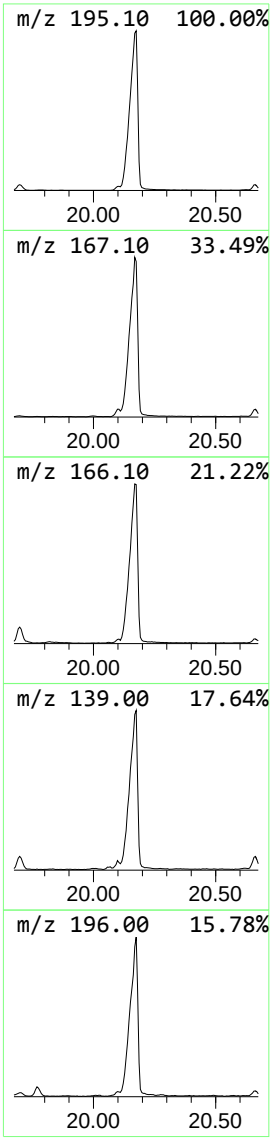
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 6(5H)-Phenanthridinone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	106.21 ng/ul	24752900	Chrysene-d12	21.451

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

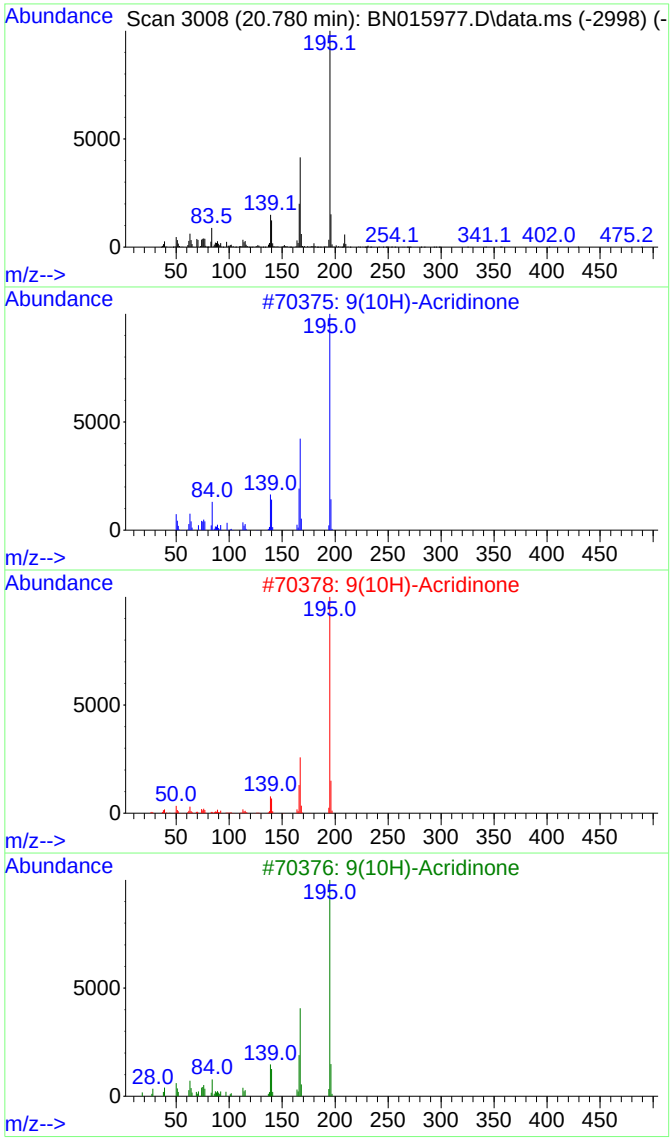
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

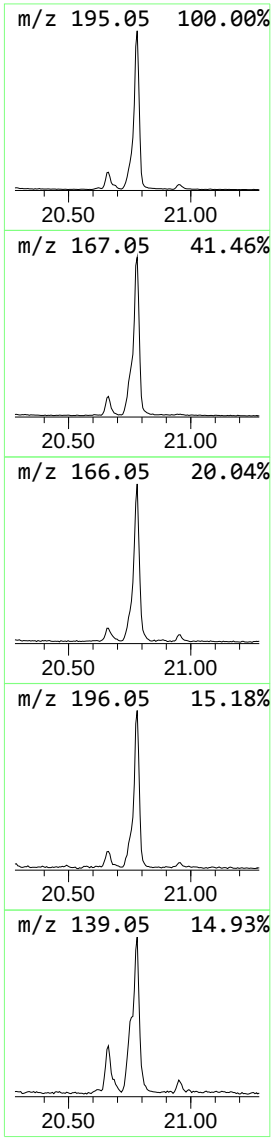
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 9(10H)-Acridinone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.780	40.73 ng/ul	9491770	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	98
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	97
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	97
4	3-Acridinol	195	C13H9NO	007132-70-9	97
5	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015977.D
Acq On : 19 Aug 2021 18:38
Operator : CG/JU
Sample : M3399-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.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
Toluene	4.069	22.8	ng/ul	1855590	1	7.875	1629210	20.0
Ethylbenzene	5.387	113.1	ng/ul	9209980	1	7.875	1629210	20.0
o-Xylene	5.516	59.8	ng/ul	4867320	1	7.875	1629210	20.0
Benzene, 1,3-di...	5.887	63.0	ng/ul	5130160	1	7.875	1629210	20.0
Benzene, 1,2,3-...	7.528	45.6	ng/ul	3716310	1	7.875	1629210	20.0
Benzofuran	7.599	106.6	ng/ul	8686300	1	7.875	1629210	20.0
Indane	8.252	120.4	ng/ul	9805040	1	7.875	1629210	20.0
Indene	8.434	1020.1	ng/ul	83097100	1	7.875	1629210	20.0
Benzofuran, 2-m...	9.234	22.3	ng/ul	1813700	1	7.875	1629210	20.0
Phenol, 3,5-dic...	13.222	112.2	ng/ul	27706500	3	14.516	4940360	20.0
Phenol, 3,4-dic...	13.528	40.1	ng/ul	9909420	3	14.516	4940360	20.0
Naphthalene, 1,...	13.693	33.6	ng/ul	8300170	3	14.516	4940360	20.0
Naphthalene, 2,...	13.839	24.5	ng/ul	6054710	3	14.516	4940360	20.0
2-Naphthaleneca...	14.663	74.9	ng/ul	18509200	3	14.516	4940360	20.0
o-Hydroxybiphenyl	14.792	19.5	ng/ul	4825940	3	14.516	4940360	20.0
Phenol, 2,3,5,6...	15.063	107.5	ng/ul	26544600	3	14.516	4940360	20.0
3-Hydroxybiphenyl	16.522	17.7	ng/ul	5793820	4	17.275	6532740	20.0
2-Dibenzofuranol	17.057	13.2	ng/ul	4308960	4	17.275	6532740	20.0
Benzo[h]quinoline	17.463	23.4	ng/ul	7636070	4	17.275	6532740	20.0
Dibenzo-p-dioxin	17.769	38.2	ng/ul	12485600	4	17.275	6532740	20.0
unknown-01	17.833	42.5	ng/ul	13882600	4	17.275	6532740	20.0
Benzenamine, 4,...	17.927	15.8	ng/ul	5150820	4	17.275	6532740	20.0
2-Hydroxyfluorene	18.110	22.6	ng/ul	7374310	4	17.275	6532740	20.0
8-Methyl-4-azaf...	18.192	38.8	ng/ul	12668300	4	17.275	6532740	20.0
9H-Fluoren-3-ol	18.269	22.9	ng/ul	7487920	4	17.275	6532740	20.0
Tacrine	18.427	23.7	ng/ul	7729700	4	17.275	6532740	20.0
9H-Carbazole, 9...	18.586	14.7	ng/ul	4814850	4	17.275	6532740	20.0
4H-Benzo[def]ca...	20.063	11.1	ng/ul	2578920	5	21.451	4661120	20.0
6(5H)-Phenanthr...	20.174	106.2	ng/ul	24752900	5	21.451	4661120	20.0
9(10H)-Acridinone	20.780	40.7	ng/ul	9491770	5	21.451	4661120	20.0