LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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: BN015948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.081	163	169	182	rVB	1427476	2115097	0.89%	0.162%
2	5.405	385	394	408	rBV	6988213	10836067	4.55%	0.830%
3	5.534	409	416	427	rVB	2745597	5673229	2.38%	0.434%
4	5.905	468	479	488	rBV3	2363798	6091398	2.56%	0.466%
5	7.552	753	759	765	rBV2	2518505	4319481	1.82%	0.331%
6	7.622	765	771	782	rVB	5998894	10365439	4.36%	0.793%
7	7.899	810	818	824	rBV	942198	1706399	0.72%	0.131%
8	8.016	833	838	845	rVV	923617	1616968	0.68%	0.124%
9	8.281	875	883	890	rVV	6847771	11736691	4.93%	0.898%
10	8.458	901	913	923	rVV2	47780555	95884900	40.30%	7.340%
11	9.069	1012	1017	1027	rVV2	1114810	3106875	1.31%	0.238%
12	9.263	1043	1050	1057	rBV	1242715	2121068	0.89%	0.162%
13	9.387	1057	1071	1077	rBV	3284821	7656004	3.22%	0.586%
14	9.452	1077	1082	1088	rVV	1129976	1872743	0.79%	0.143%
15	9.957	1163	1168	1181	rVB	1418204	2722326	1.14%	0.208%
16	10.110	1181	1194	1205	rBV4	2503434	7051045	2.96%	0.540%
17	10.210	1205	1211	1225	rVV2	670367	1802225	0.76%	0.138%
18	10.346	1225	1234	1241	rVV	7017457	12714237	5.34%	0.973%
19	10.587	1267	1275	1282	rBV	2356210	4237411	1.78%	0.324%
20	10.822	1293	1315	1319	rVV2	67934064	237952943	100.00%	18.215%
21	10.857	1319	1321	1323	rVV2	1338498	1653879	0.70%	0.127%
22	10.904	1323	1329	1341	rVB	14183767	23059354	9.69%	1.765%
23	11.546	1432	1438	1447	rBV3	979100	2491619	1.05%	0.191%
24	12.104	1529	1533	1542	rVB3	778631	1803305	0.76%	0.138%
25	12.216	1542	1552	1556	rBV2	1411996	3221653	1.35%	0.247%
26	12.269	1556	1561	1567	rVB3	1499996	2920756	1.23%	0.224%
27	12.393	1572	1582	1588	rBV	37225660	67220802	28.25%	5.146%
28	12.499	1593	1600	1606	rBV2	1412543	2893359	1.22%	0.221%
29	12.604	1606	1618	1628	rVB2	24131206	47091385	19.79%	3.605%
30	12.798	1646	1651	1657	rVB	1235135	2036577	0.86%	0.156%
31	12.969	1674	1680	1684	rBV	1263085	1957791	0.82%	0.150%
32	13.051	1684	1694	1699	rBV4	3390744	7586393	3.19%	0.581%
33	13.181	1707	1716	1722	rVB	1338772	2764967	1.16%	0.212%
34	13.257	1722	1729	1737	rBV2	8064735	13299071	5.59%	1.018%
35	13.387	1744	1751	1759	rVB	8503854	14302404	6.01%	1.095%
36	13.481	1759	1767	1770	rBV4	693981	1720640	0.72%	0.132%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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	13.516	1770	1773	1778	rVV	1218747	2282011	0.96%	0.175%
38	13.581	1778	1784	1796	rVB4	2474222	7172716	3.01%	0.549%
39	13.728	1797	1809	1817	rBV5	2832988	9030511	3.80%	0.691%
40	13.869	1828	1833	1838	rBV	3602933	6476595	2.72%	0.496%
41	13.928	1838	1843	1846	rVV	2637173	4275009	1.80%	0.327%
42	13.969	1846	1850	1859	rVB	2511177	4178867	1.76%	0.320%
43	14.110	1869	1874	1877	rVV	1332067	2004641	0.84%	0.153%
44	14.245	1890	1897	1899	rBV	2907241	5252273	2.21%	0.402%
45	14.275	1899	1902	1912	rVB2	4199293	6560378	2.76%	0.502%
46	14.551	1942	1949	1954	rVV3	2023214	4485551	1.89%	0.343%
47	14.628	1954	1962	1967	rVV	31653559	50697972	21.31%	3.881%
48	14.693	1967	1973	1977	rVV	11097031	17162871	7.21%	1.314%
49	14.740	1977	1981	1991	rVB2	1342102	2760974	1.16%	0.211%
50	14.828	1991	1996	2005	rBV4	2090034	4214267	1.77%	0.323%
51	14.957	2005	2018	2026	rBV2	17531923	35620666	14.97%	2.727%
52	15.098	2036	2042	2046	rBV	8716413	13065590	5.49%	1.000%
53	15.140	2046	2049	2052	rVV2	1622042	2309362	0.97%	0.177%
54	15.175	2052	2055	2060	rVB2	2793265	3925067	1.65%	0.300%
55	15.545	2113	2118	2122	rBV	3401022	4882901	2.05%	0.374%
56	15.604	2122	2128	2134	rVB2	14035150	21907691	9.21%	1.677%
57	15.687	2134	2142	2146	rBV	34743778	59144147	24.86%	4.527%
58	15.728	2146	2149	2159	rVB5	2611107	6681971	2.81%	0.512%
59	15.828	2159	2166	2167	rBV3	1169706	1994985	0.84%	0.153%
60	16.039	2200	2202	2213	rVB	1193054	2158623	0.91%	0.165%
61	16.134	2213	2218	2225	rVB	1467648	2045019	0.86%	0.157%
62	16.287	2238	2244	2254	rBV3	2148327	4120449	1.73%	0.315%
63	16.487	2269	2278	2285	rBV3	2029669	5474831	2.30%	0.419%
64	16.569	2285	2292	2296	rVV	3210420	6452935	2.71%	0.494%
65	16.663	2303	2308	2314	rVB2	1579468	3144562	1.32%	0.241%
66	16.869	2338	2343	2351	rVB2	1502084	3692719	1.55%	0.283%
67	16.975	2351	2361	2366	rBV	56809005	105974849	44.54%	8.112%
68	17.022	2366	2369	2375	rVB2	1094225	1958838	0.82%	0.150%
69	17.087	2375	2380	2383	rBV	1959433	2657473	1.12%	0.203%
70	17.198	2395	2399	2405	rBV2	1489571	2761255	1.16%	0.211%
71	17.257	2405	2409	2413	rBV2	1941904	2320834	0.98%	0.178%
72	17.304	2413	2417	2420	rBV2	3257115	4886881	2.05%	0.374%
73	17.351	2420	2425	2430	rBV	16217536	25014808	10.51%	1.915%
74	17.404	2430	2434	2438	rBV2	6178189	8674277	3.65%	0.664%
75	17.504	2445	2451	2455	rVV3	2104341	4257869	1.79%	0.326%
76	17.539	2455	2457	2462	rVB2	1377462	1701557	0.72%	0.130%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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	17.728	2475	2489	2494	rBV2	37540798	77001903	32.36%	5.895%
78	17.804	2494	2502	2508	rBV3	4158922	9172219	3.85%	0.702%
79	17.869	2508	2513	2519	rVB	6777031	10511945	4.42%	0.805%
80	17.963	2519	2529	2534	rBV3	1599814	4181260	1.76%	0.320%
81	18.145	2555	2560	2569	rVB	4444762	7298418	3.07%	0.559%
82	18.228	2569	2574	2582	rBV2	7025816	11726764	4.93%	0.898%
83	18.304	2582	2587	2593	rVB	4632651	6526614	2.74%	0.500%
84	18.375	2594	2599	2604	rVB3	1705695	2704217	1.14%	0.207%
85	18.463	2609	2614	2622	rVV2	2793522	7195703	3.02%	0.551%
86	18.528	2622	2625	2628	rVV	1318484	2045452	0.86%	0.157%
87	18.563	2628	2631	2636	rVV2	1320210	1910183	0.80%	0.146%
88	18.622	2636	2641	2646	rVV2	2722254	4601780	1.93%	0.352%
89	18.675	2646	2650	2654	rVV	1893705	2522505	1.06%	0.193%
90	19.357	2760	2766	2772	rBV	1920455	2846985	1.20%	0.218%
91	19.692	2817	2823	2827	rVV	5519956	8734477	3.67%	0.669%
92	19.728	2827	2829	2839	rVB2	2343680	3854130	1.62%	0.295%
93	20.045	2878	2883	2888	rBV	1477959	2093894	0.88%	0.160%
94	20.098	2888	2892	2896	rVV	1993609	2664897	1.12%	0.204%
95	20.204	2899	2910	2917	rVV	10406908	23508564	9.88%	1.800%
96	20.786	3003	3009	3010	rVV2	1365221	2088624	0.88%	0.160%
97	20.816	3010	3014	3028	rVB2	3632120	6679907	2.81%	0.511%
98	21.480	3121	3127	3141	rVB2	3208482	4831830	2.03%	0.370%
99	23.751	3505	3513	3520	rBV2	3283113	6782393	2.85%	0.519%
100	23.904	3532	3539	3547	rVB2	1835612	3857306	1.62%	0.295%

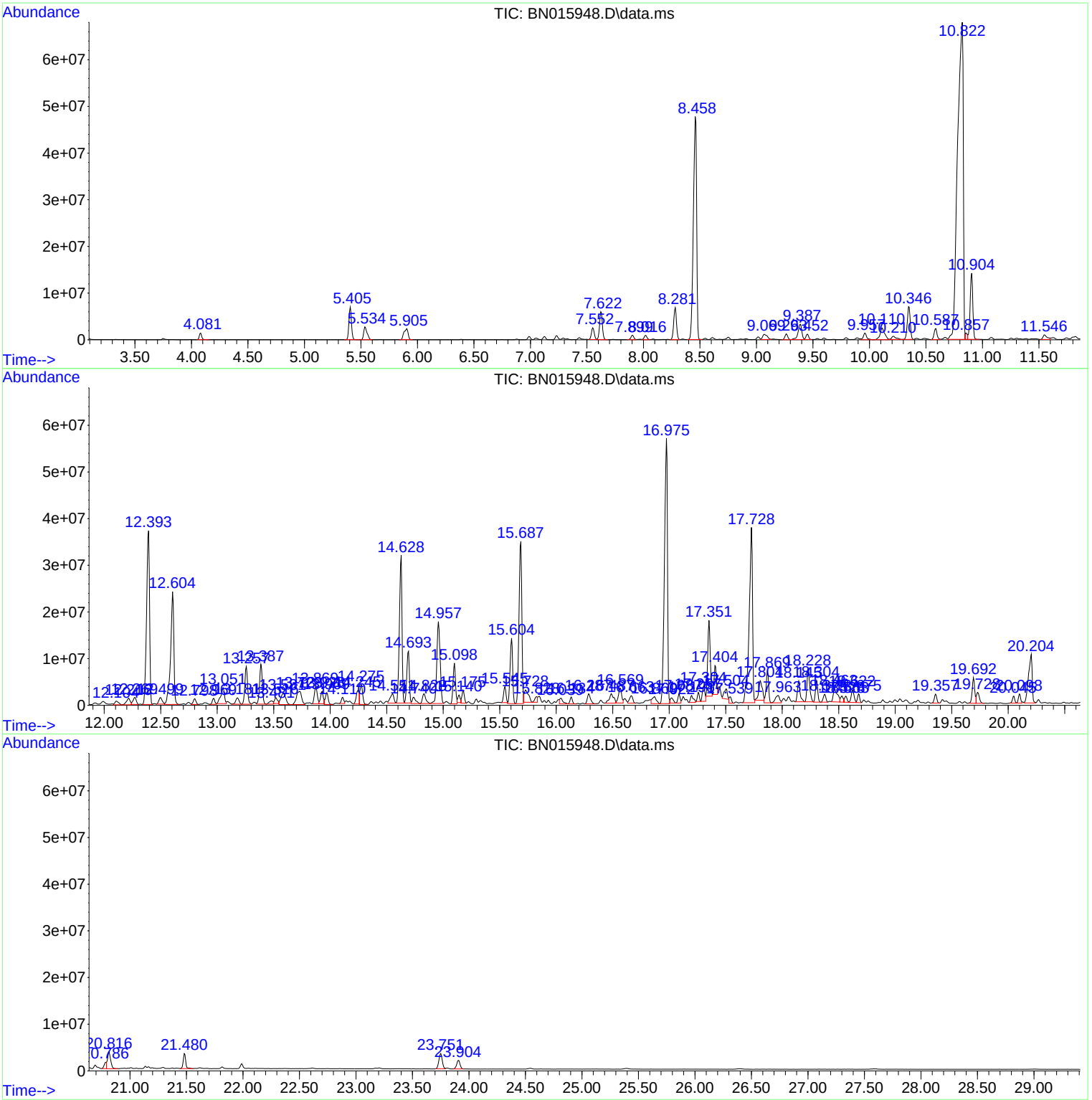
Sum of corrected areas: 1306333266

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKB0

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 : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKB0

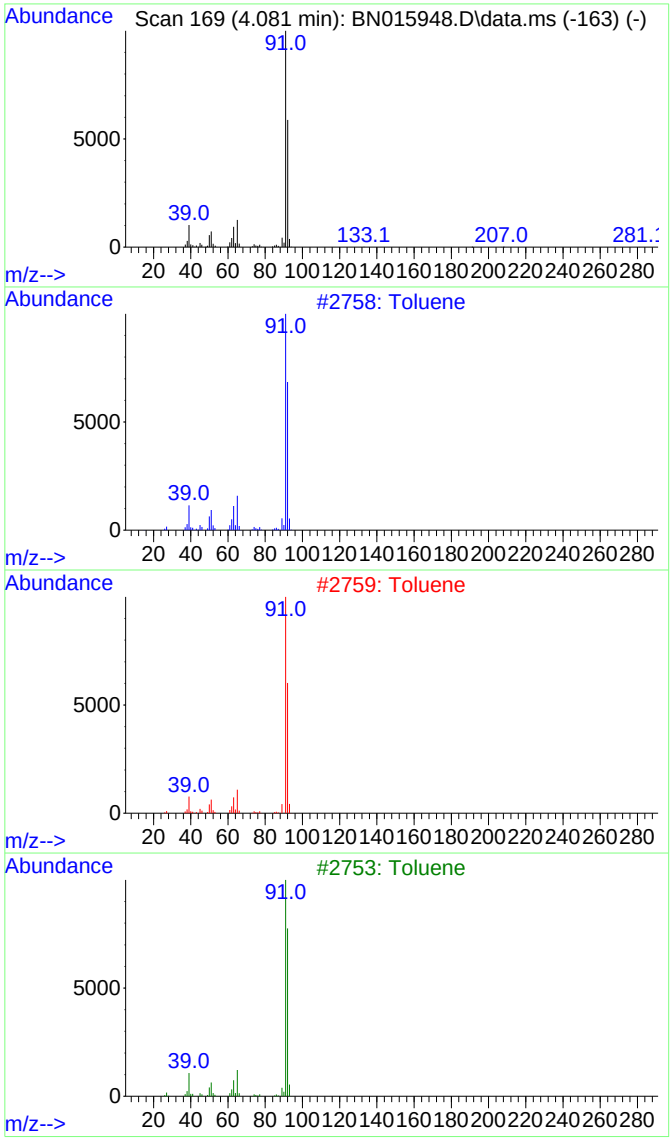
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

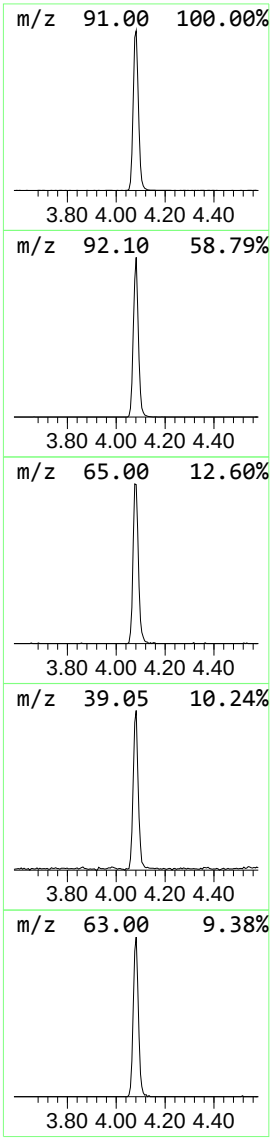
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Toluene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.081	24.79 ng/ul	2115100	1,4-Dichlorobenzene-d4	7.899

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	94
4	Toluene	92	C7H8	000108-88-3	87
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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

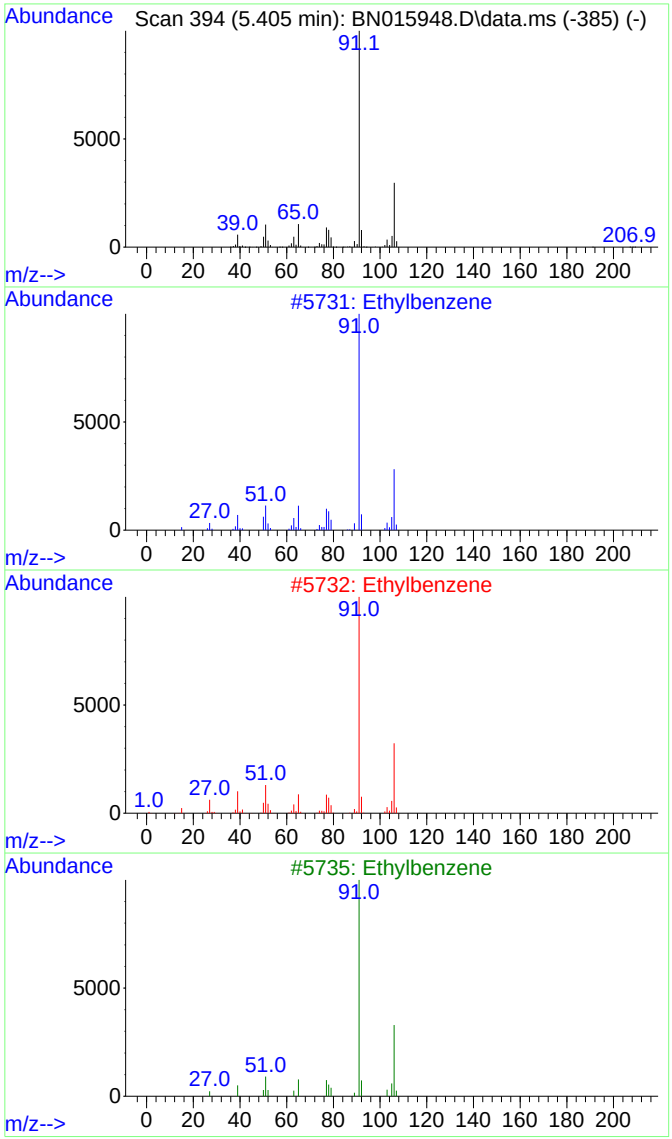
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

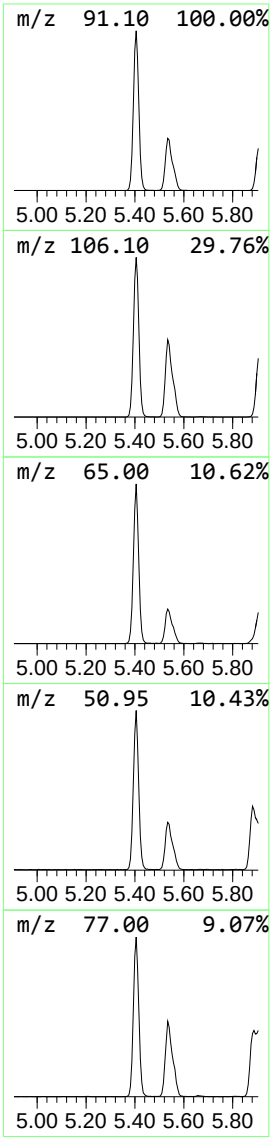
****

Peak Number 2 Ethylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.405	127.01 ng/ul	10836100	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	94
4	Ethylbenzene	106	C8H10	000100-41-4	94
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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

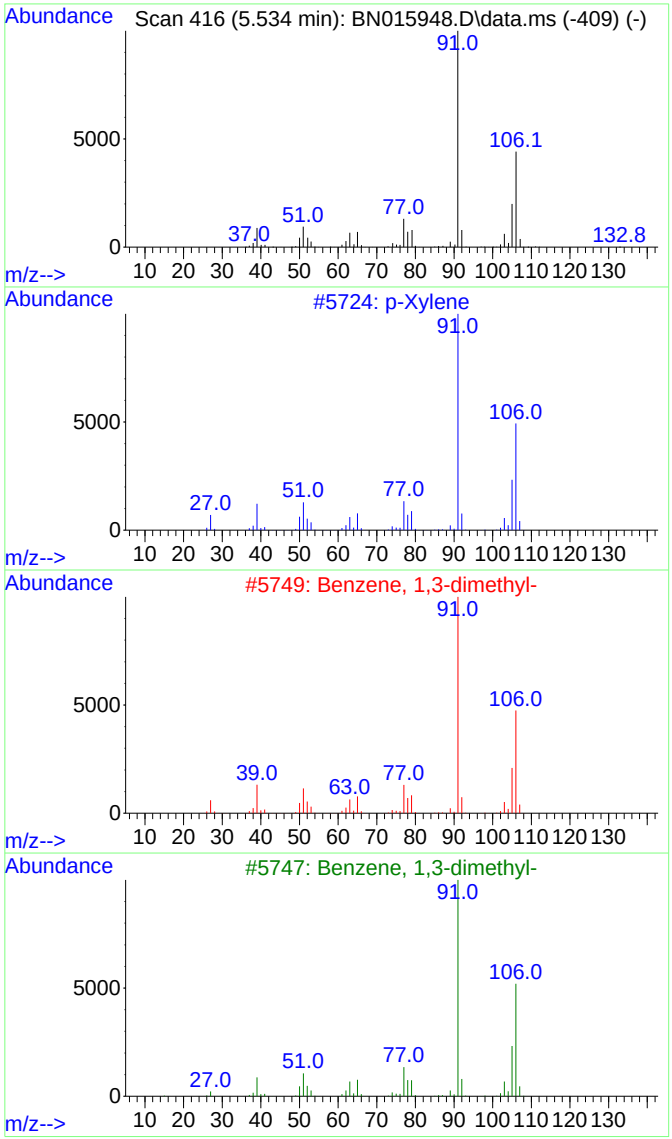
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

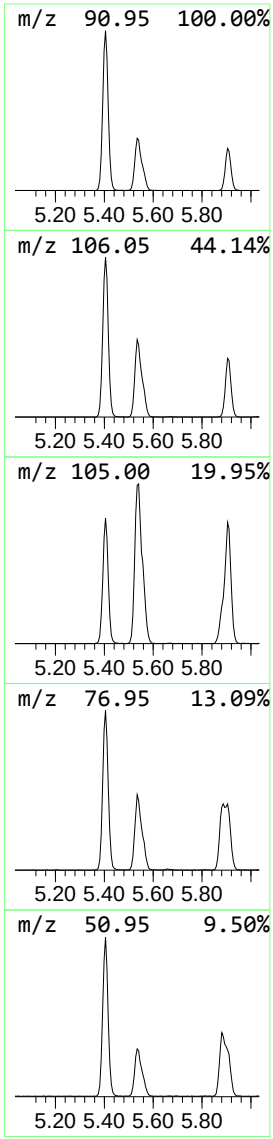
****

Peak Number 3 p-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.534	66.49 ng/ul	5673230	1,4-Dichlorobenzene-d4	7.899

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKB0

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

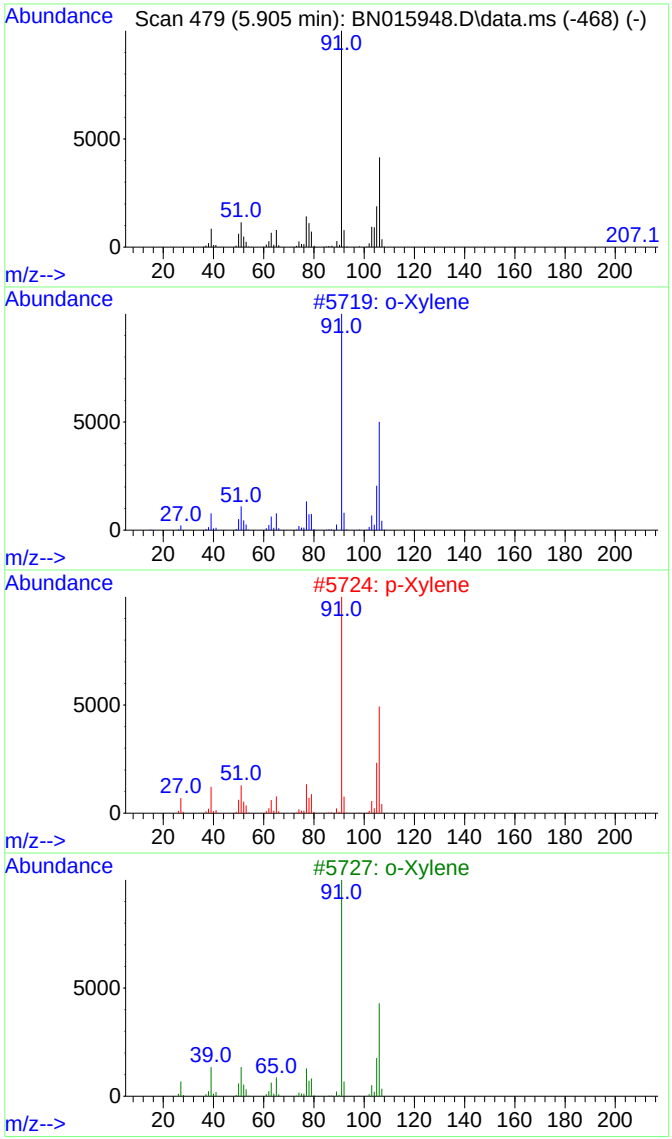
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

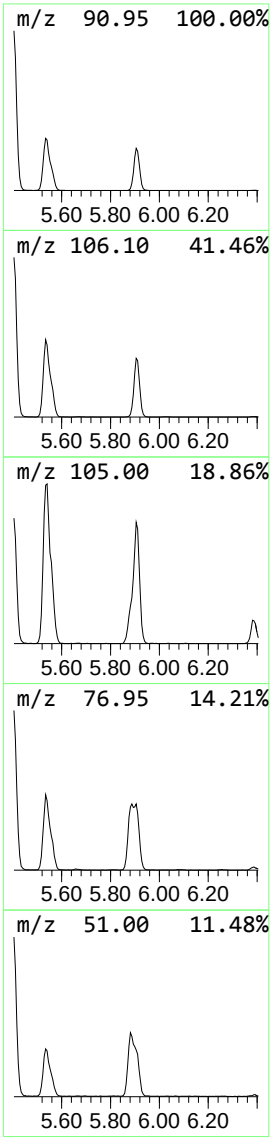
****

Peak Number 4 o-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	71.39 ng/ul	6091400	1,4-Dichlorobenzene-d4	7.899

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKB0

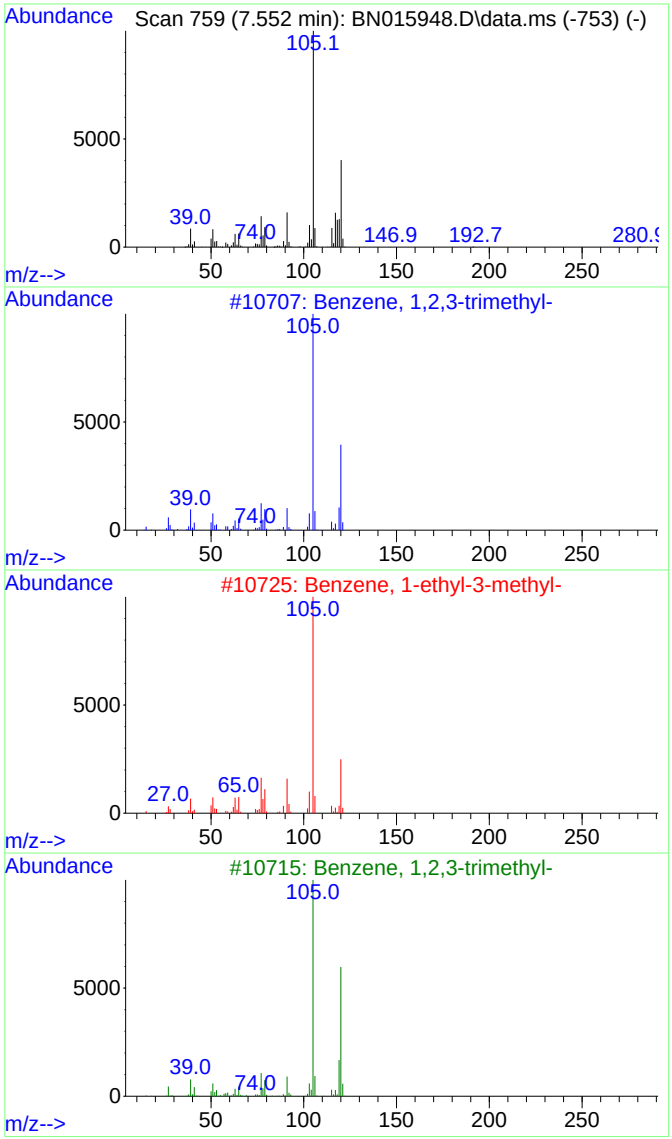
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

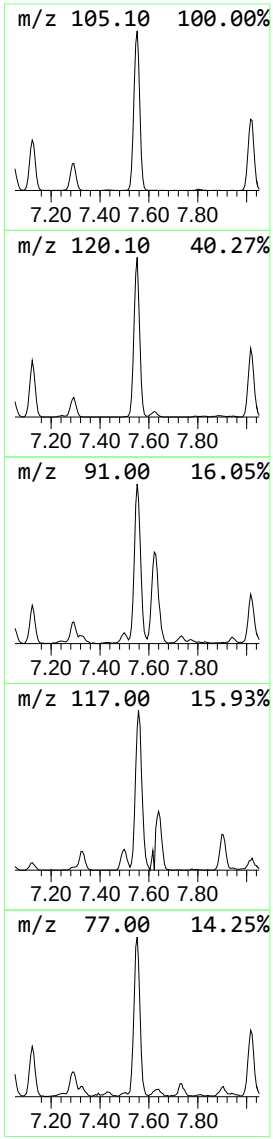
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.552	50.63 ng/ul	4319480	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Mesitylene	120	C9H12	000108-67-8	87





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Operator : CG/JU
Sample : M3399-08
Misc :
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ClientSampleId : DBKB0

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Quant Title : SVOA CALIBRATION

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

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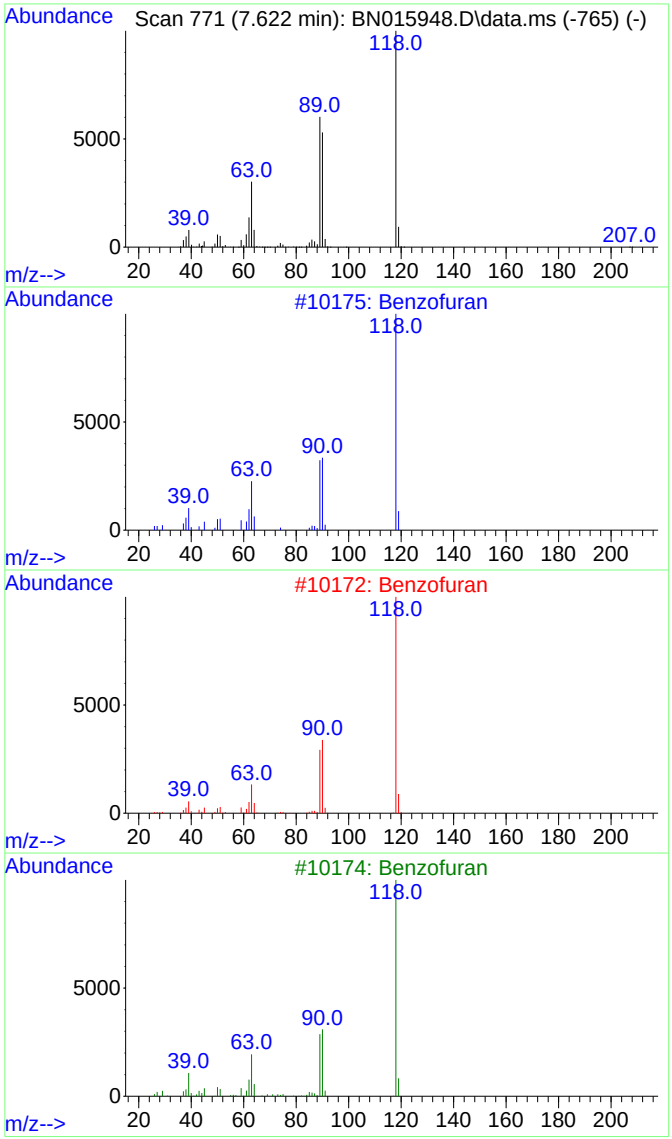
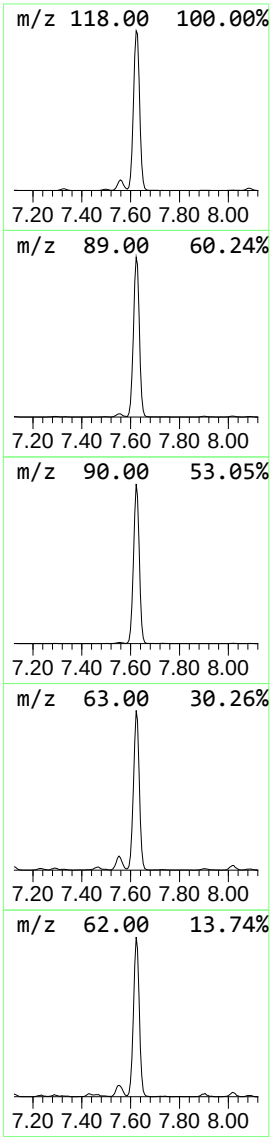
Peak Number 6 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.622	121.49 ng/ul	10365400	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	94
3	Benzofuran	118	C8H6O	000271-89-6	91
4	Benzofuran	118	C8H6O	000271-89-6	90
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87





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Sample : M3399-08
Misc :
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Instrument :
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ClientSampleId :
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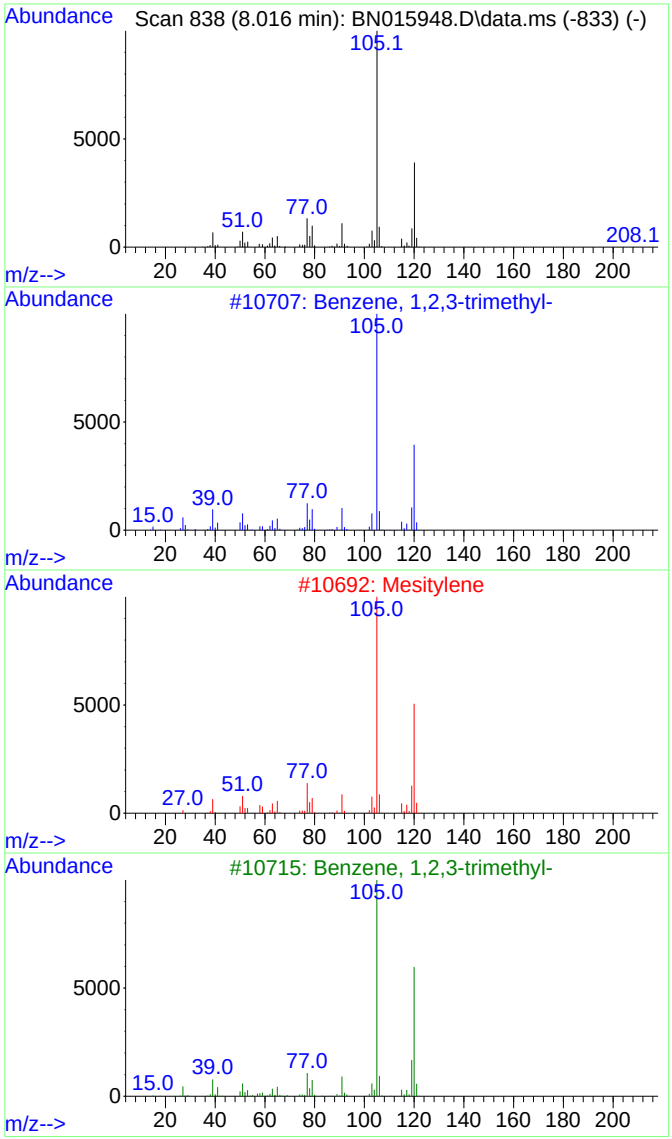
Quant Title : SVOA CALIBRATION

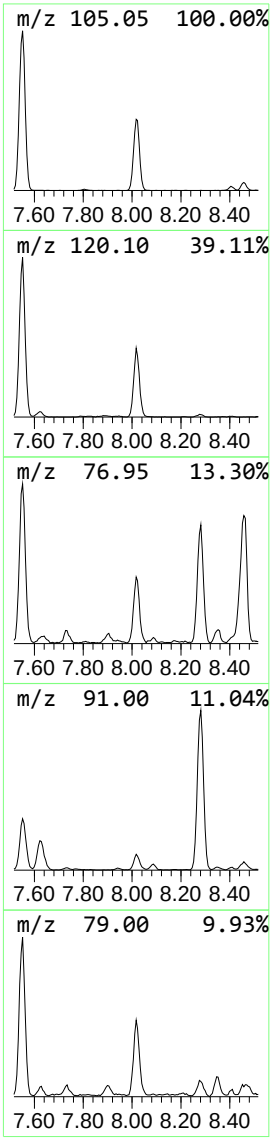
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	18.95 ng/ul	1616970	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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Quant Title : SVOA CALIBRATION

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

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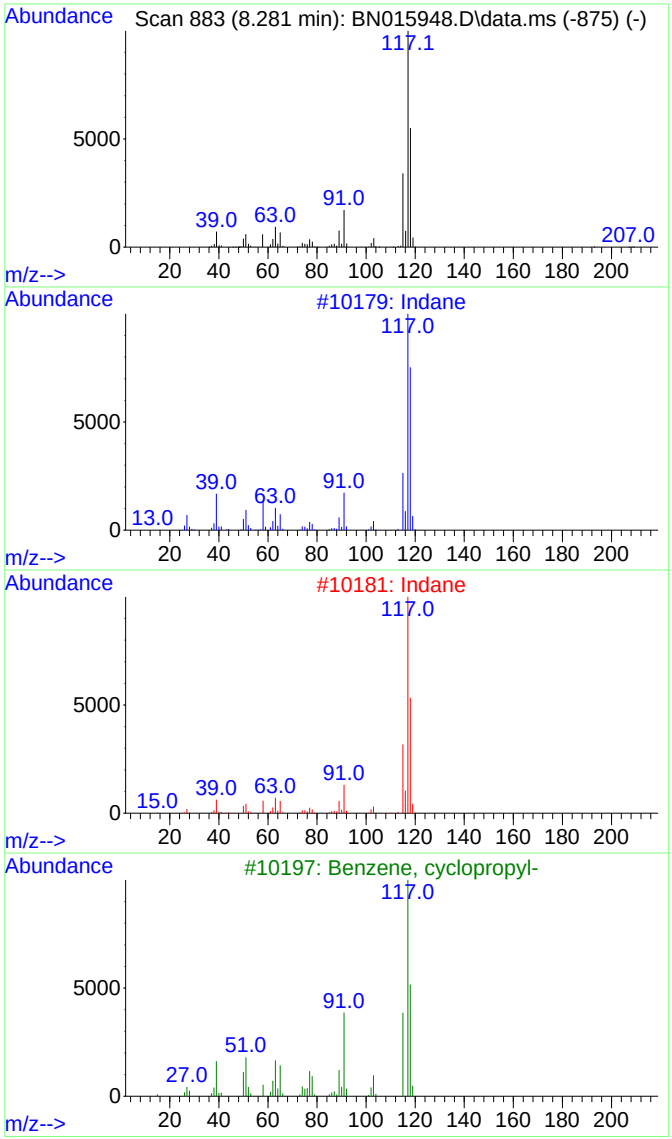
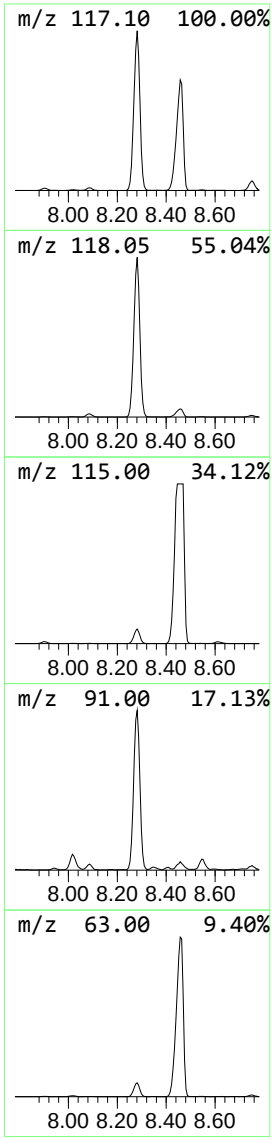
Peak Number 8 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	137.56 ng/ul	11736700	1,4-Dichlorobenzene-d4	7.899

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	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





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Instrument :
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Quant Title : SVOA CALIBRATION

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

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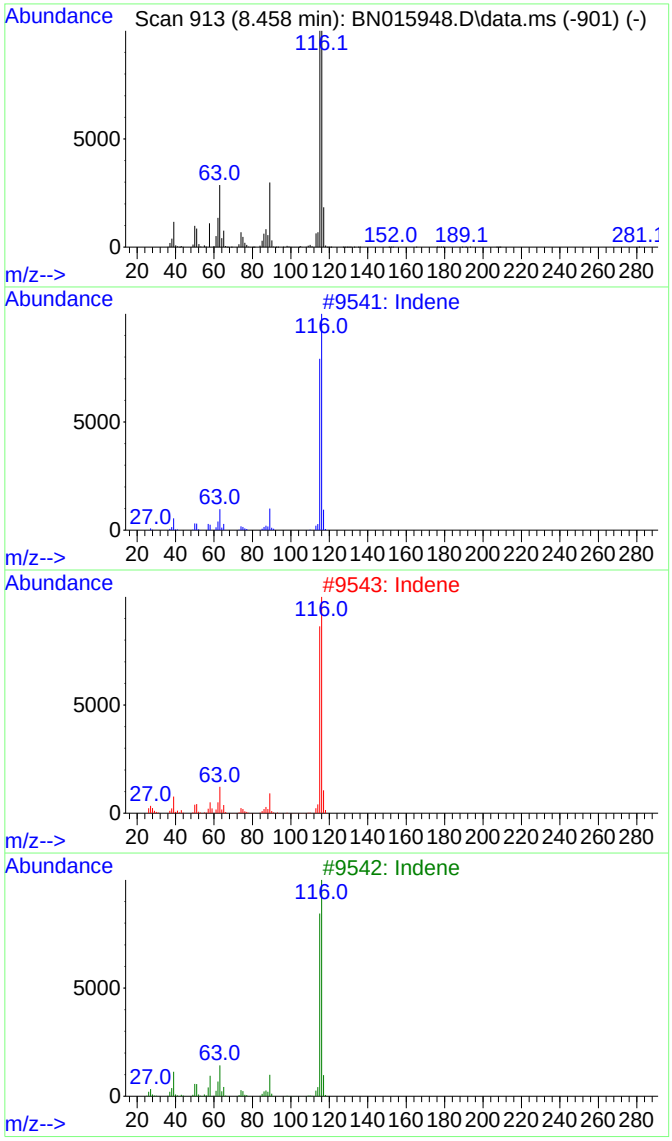
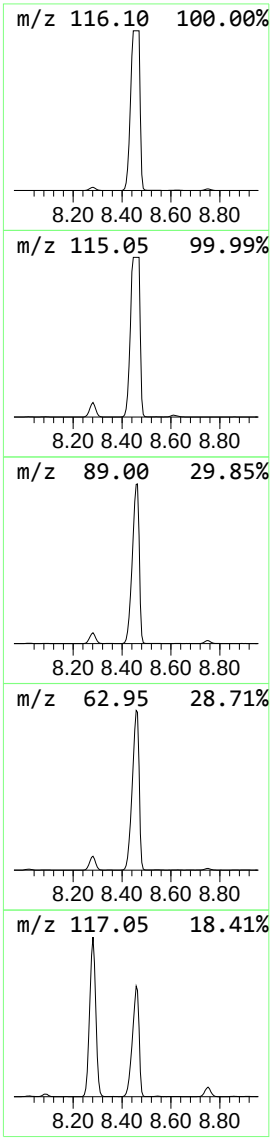
Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.458	1123.83 ng/ul	95884900	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





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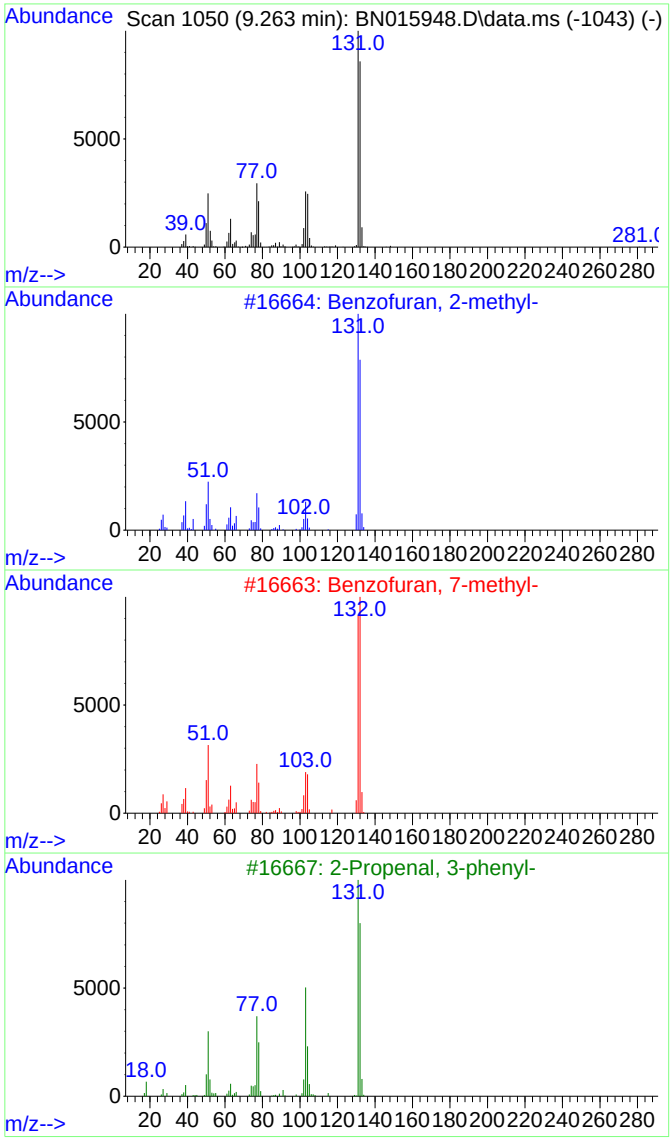
Quant Title : SVOA CALIBRATION

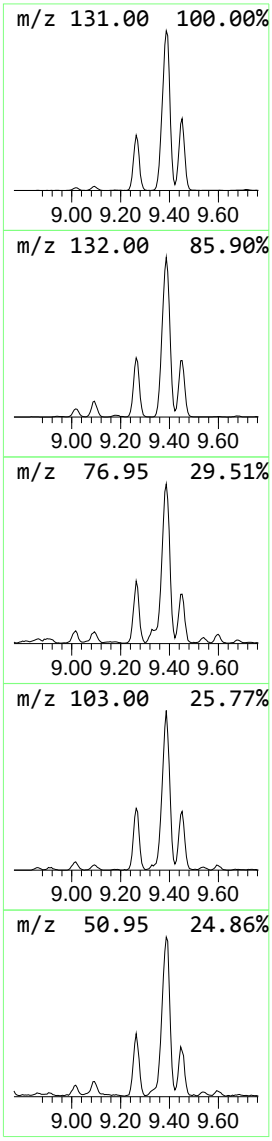
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	24.86 ng/ul	2121070	1,4-Dichlorobenzene-d4	7.899

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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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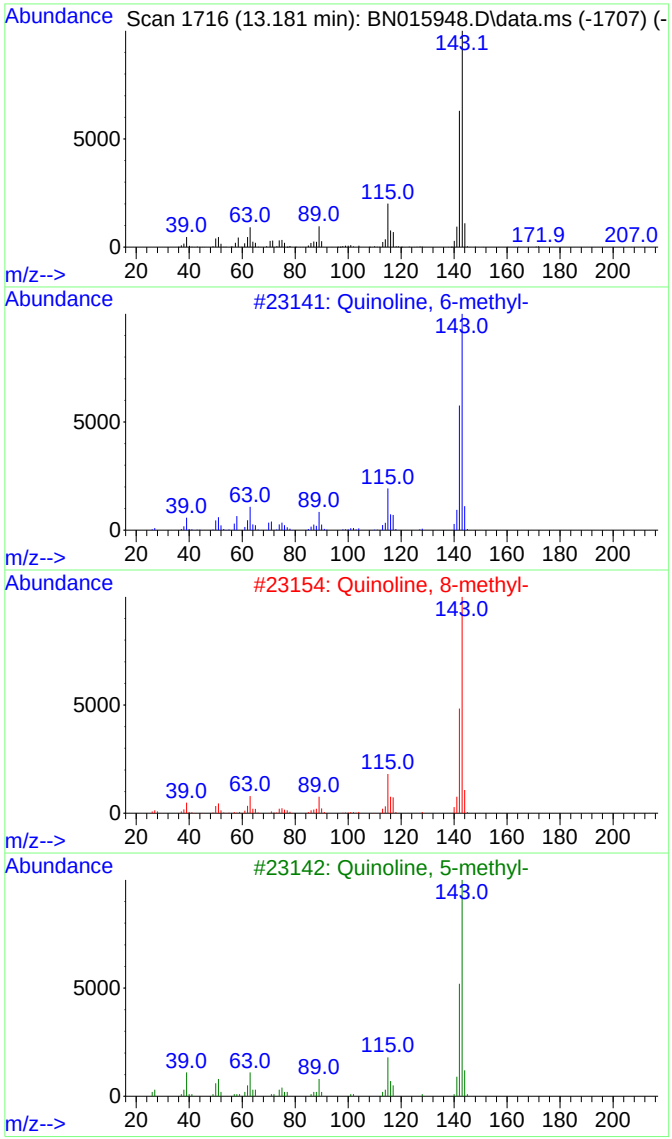
Quant Title : SVOA CALIBRATION

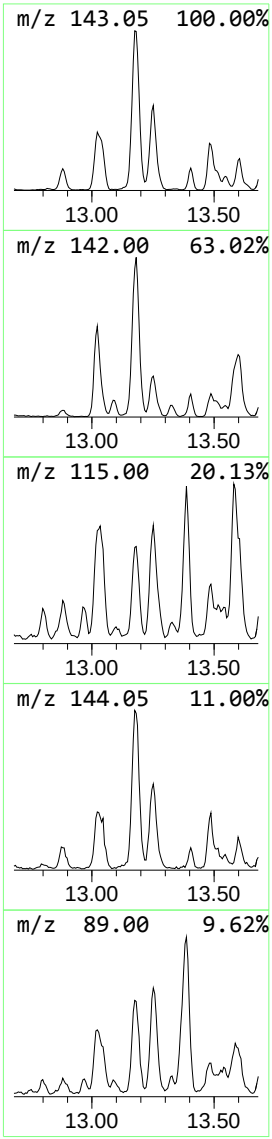
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Quinoline, 6-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.181	12.33 ng/ul	2764970	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	96
2	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	96
3	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	96
4	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	96
5	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	96





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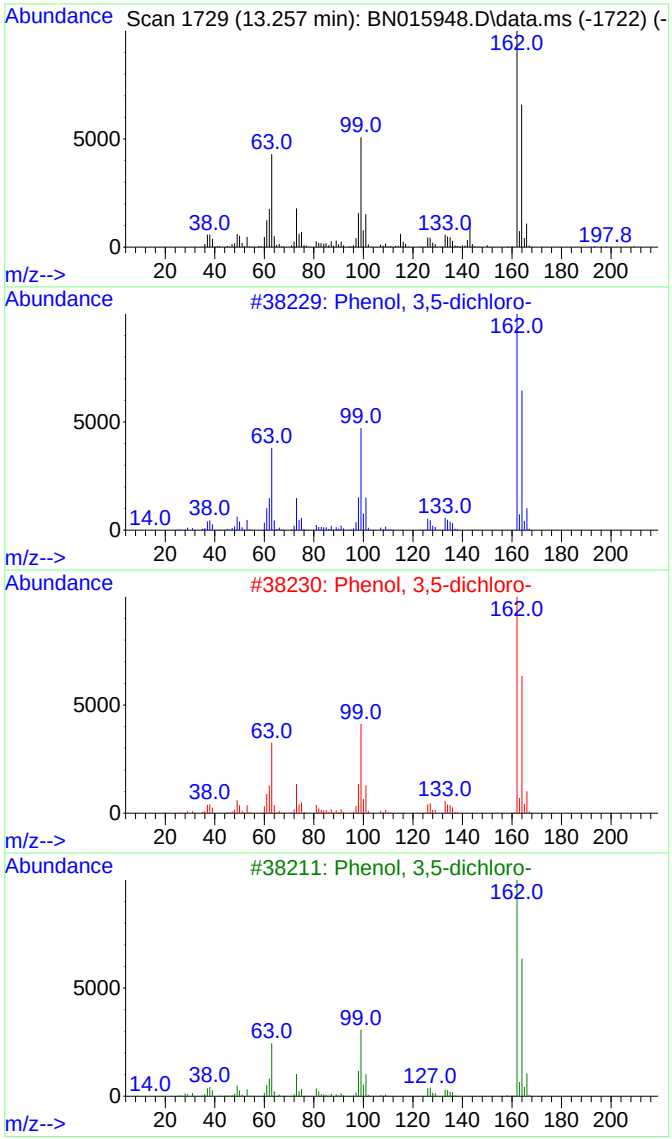
Quant Title : SVOA CALIBRATION

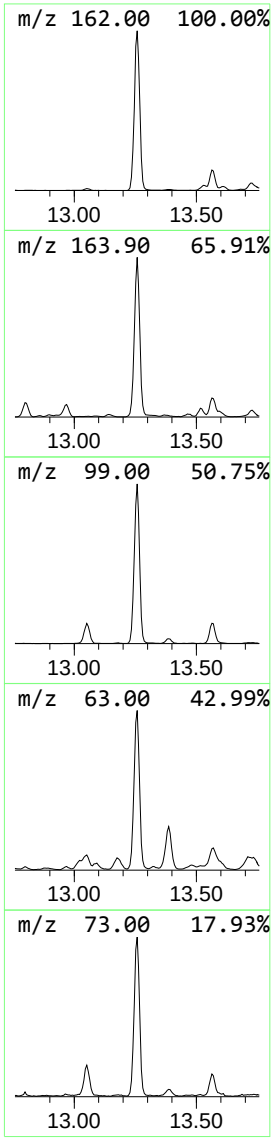
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 3,5-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	59.30 ng/ul	13299100	Acenaphthene-d10	14.551

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, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97





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Quant Title : SVOA CALIBRATION

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

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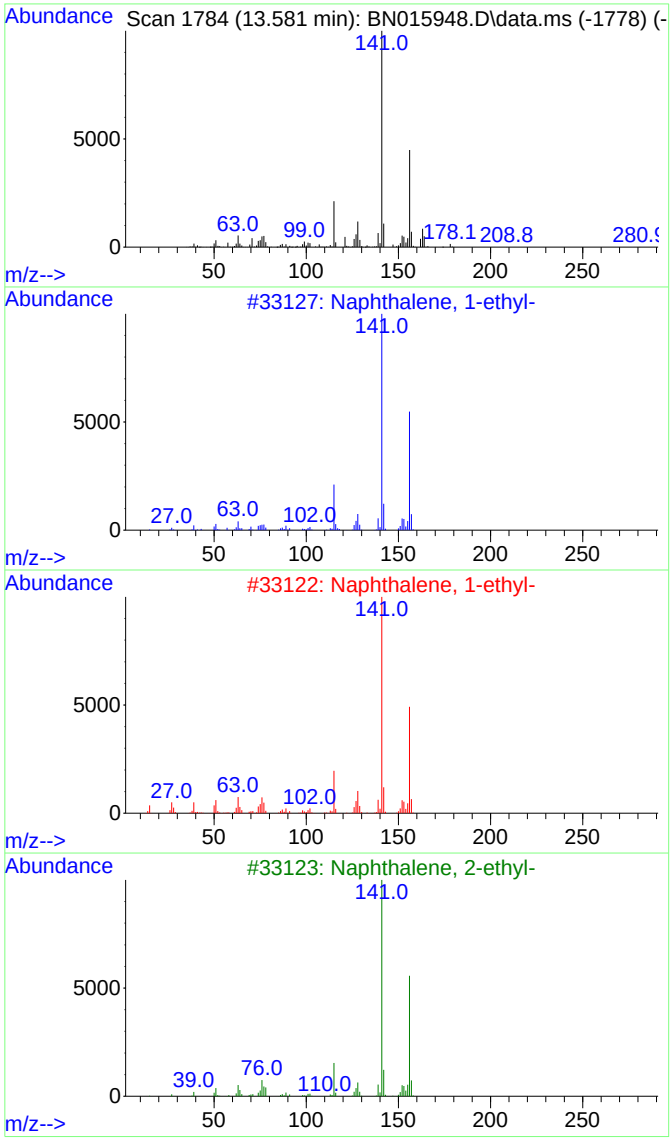
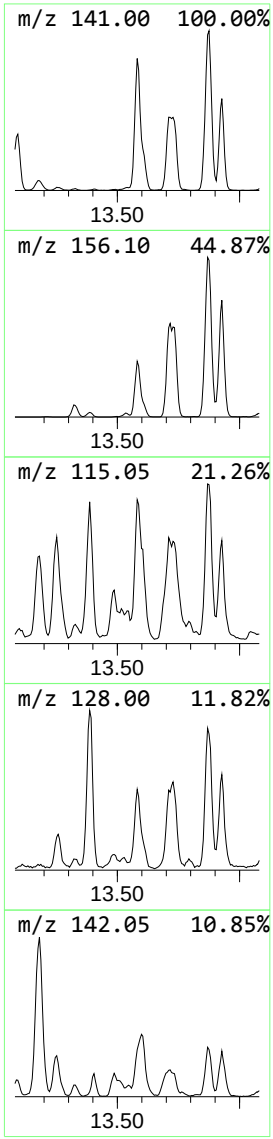
Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.581	31.98 ng/ul	7172720	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





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Misc :
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Instrument : BNA_N
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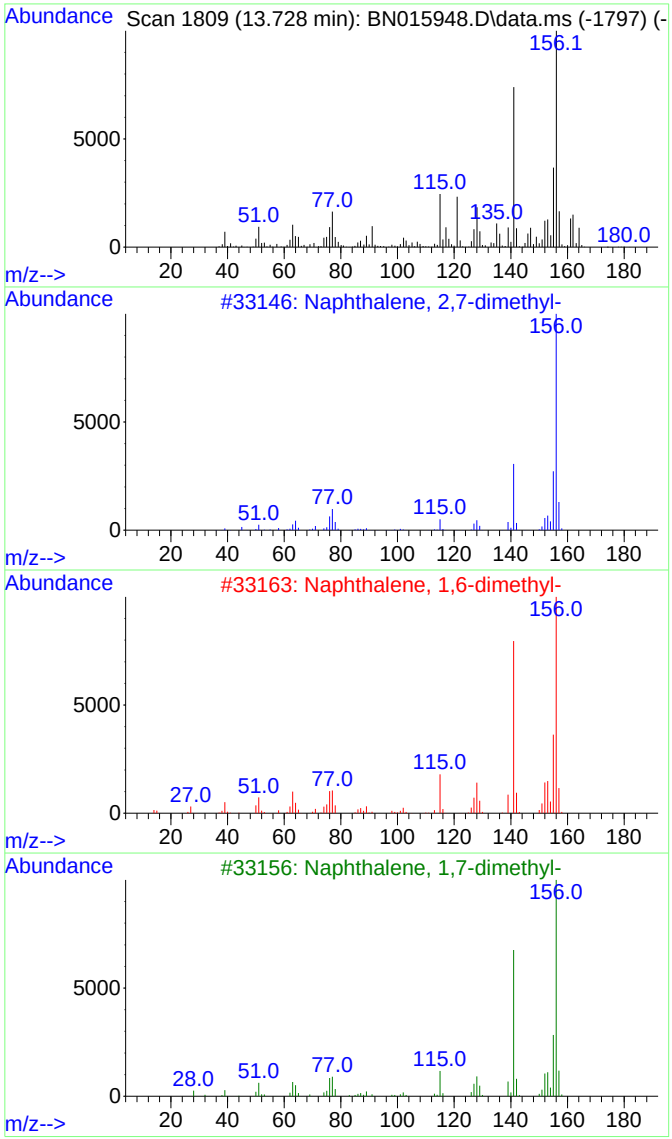
Quant Title : SVOA CALIBRATION

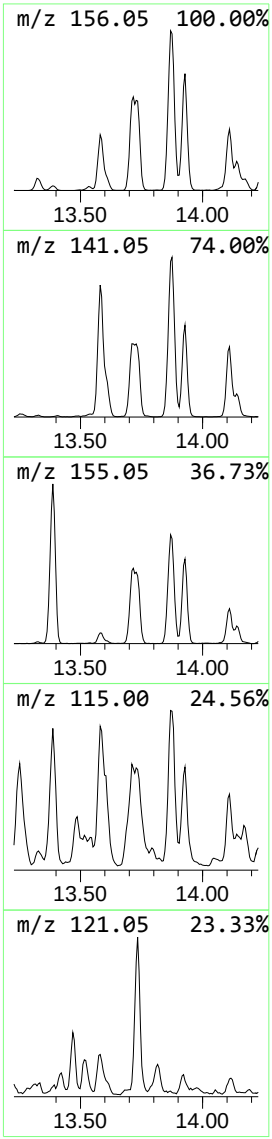
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.728	40.26 ng/ul	9030510	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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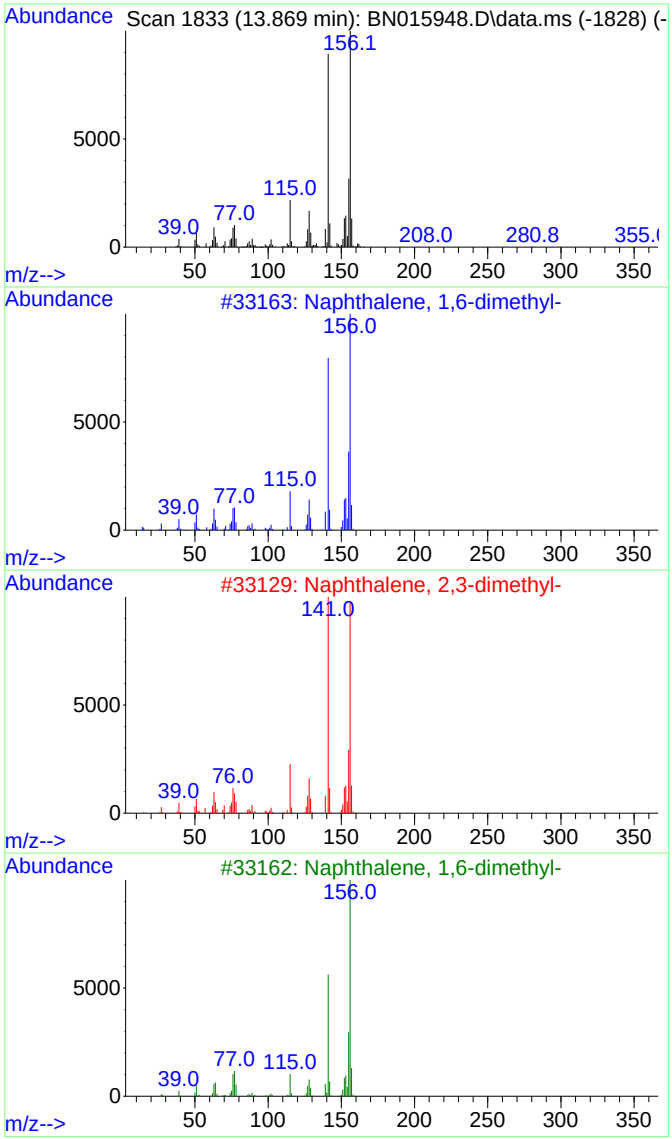
Quant Title : SVOA CALIBRATION

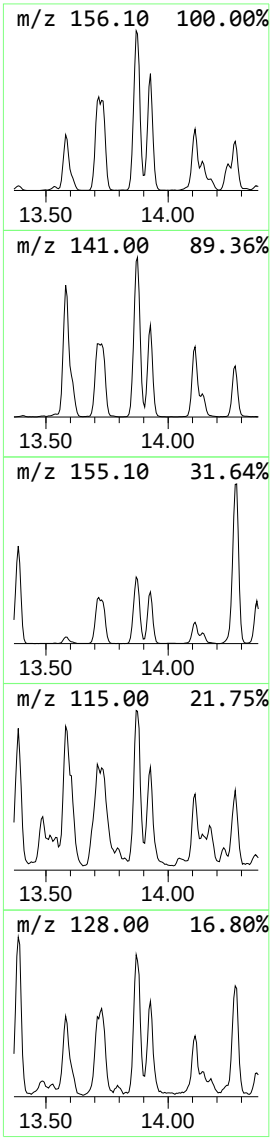
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	28.88 ng/ul	6476600	Acenaphthene-d10	14.551

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Quant Title : SVOA CALIBRATION

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

****
Peak Number 21 2-Naphthalenecarbonitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.693	76.53 ng/ul	17162900	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
3	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
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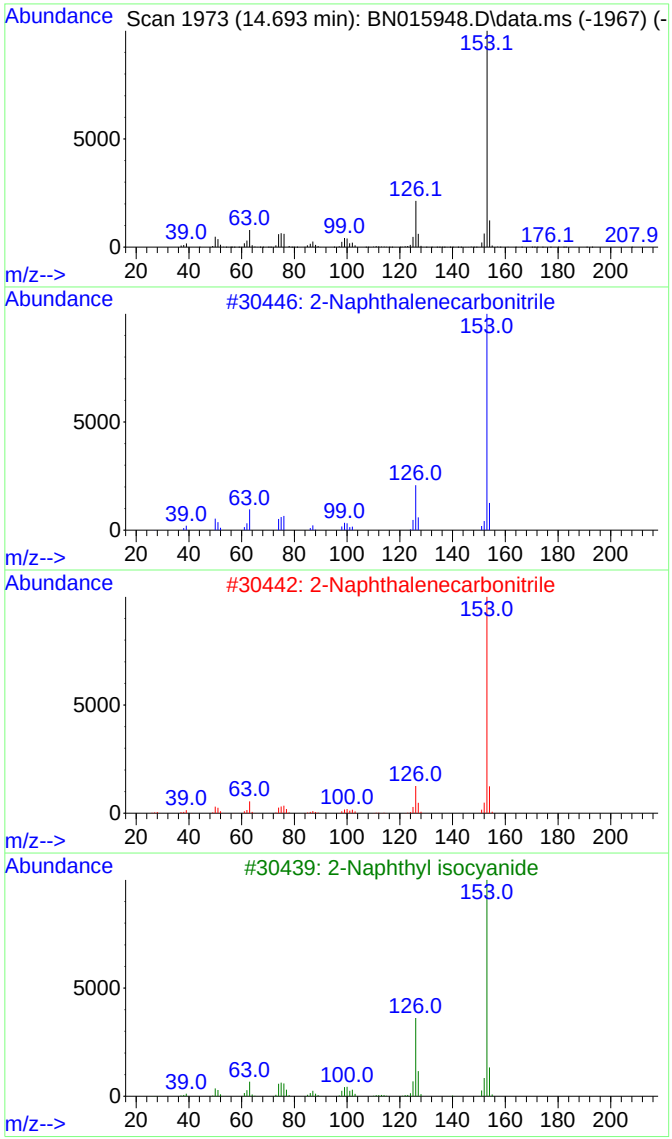

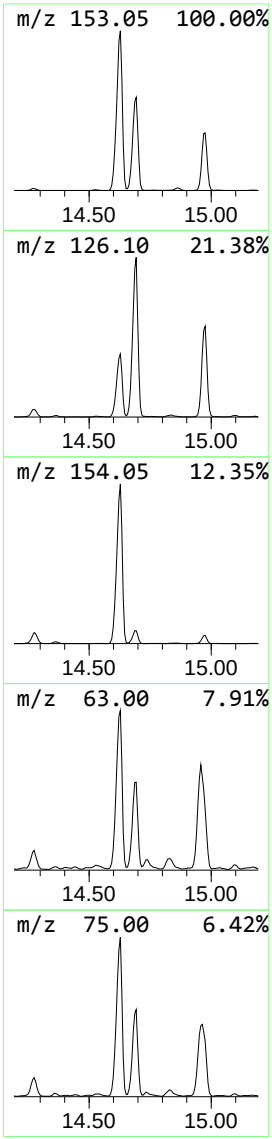

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ALS Vial : 53 Sample Multiplier: 1

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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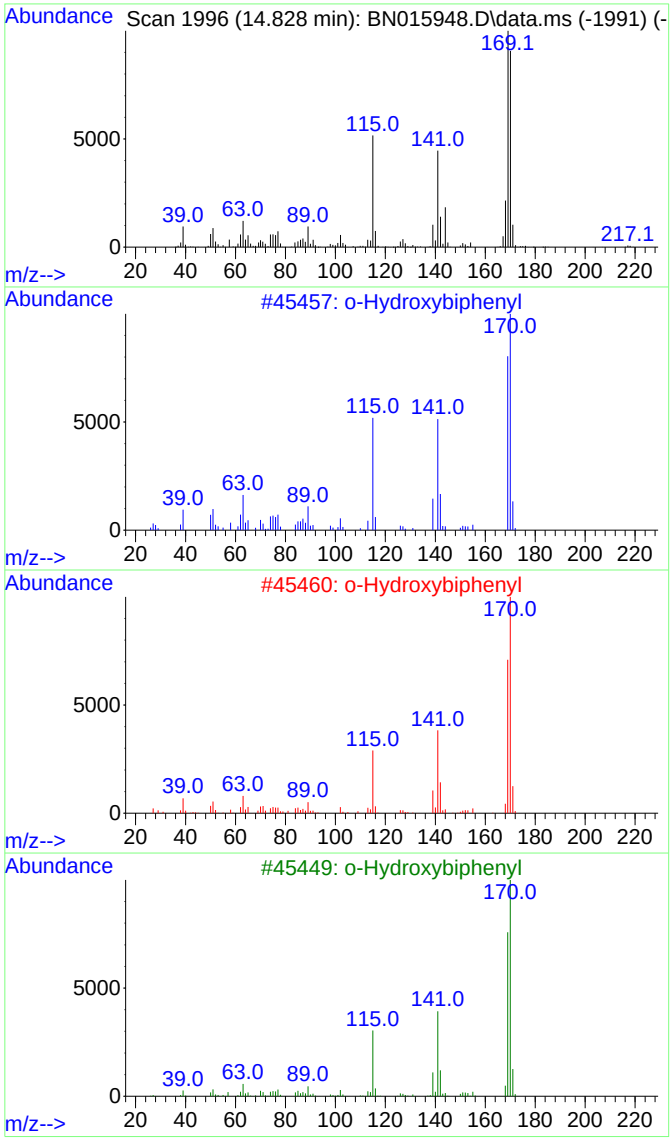
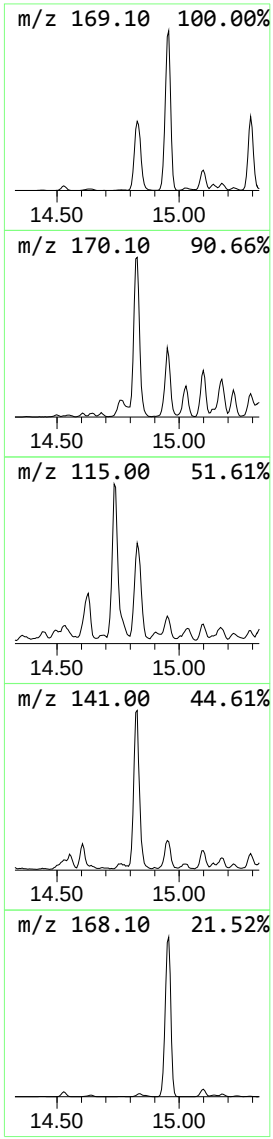
Peak Number 22 o-Hydroxybiphenyl Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.828	18.79 ng/ul	4214270	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	62
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	58
5	3-Formyl-1H-indole-5-carbonitrile	170	C10H6N2O	1000484-33-3	49





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Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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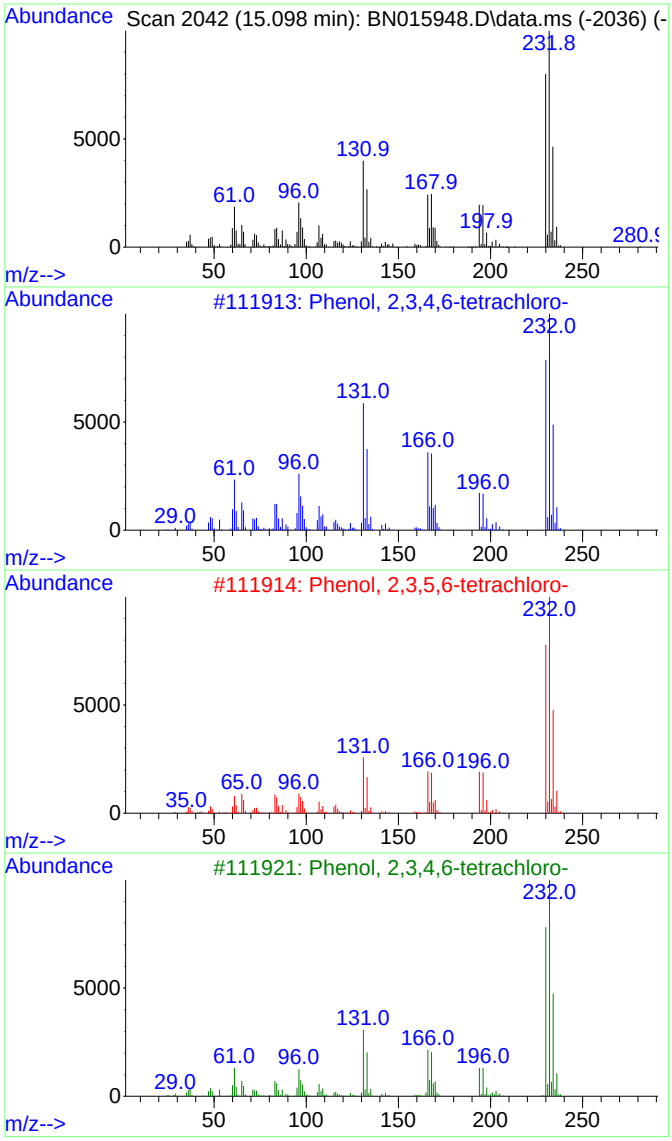
Quant Title : SVOA CALIBRATION

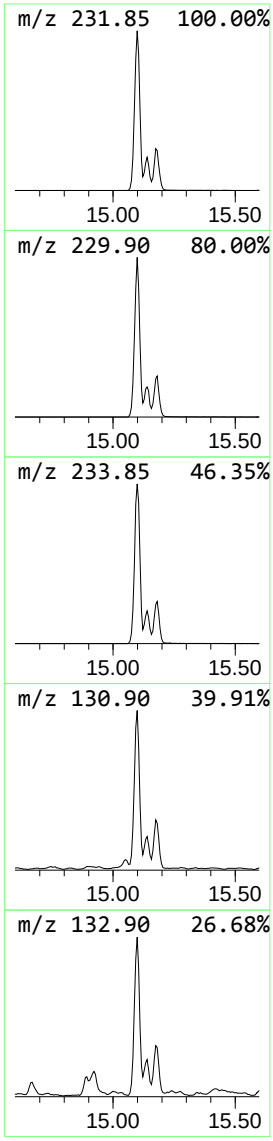
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	58.26 ng/ul	13065600	Acenaphthene-d10	14.551

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, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	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	99





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Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKB0

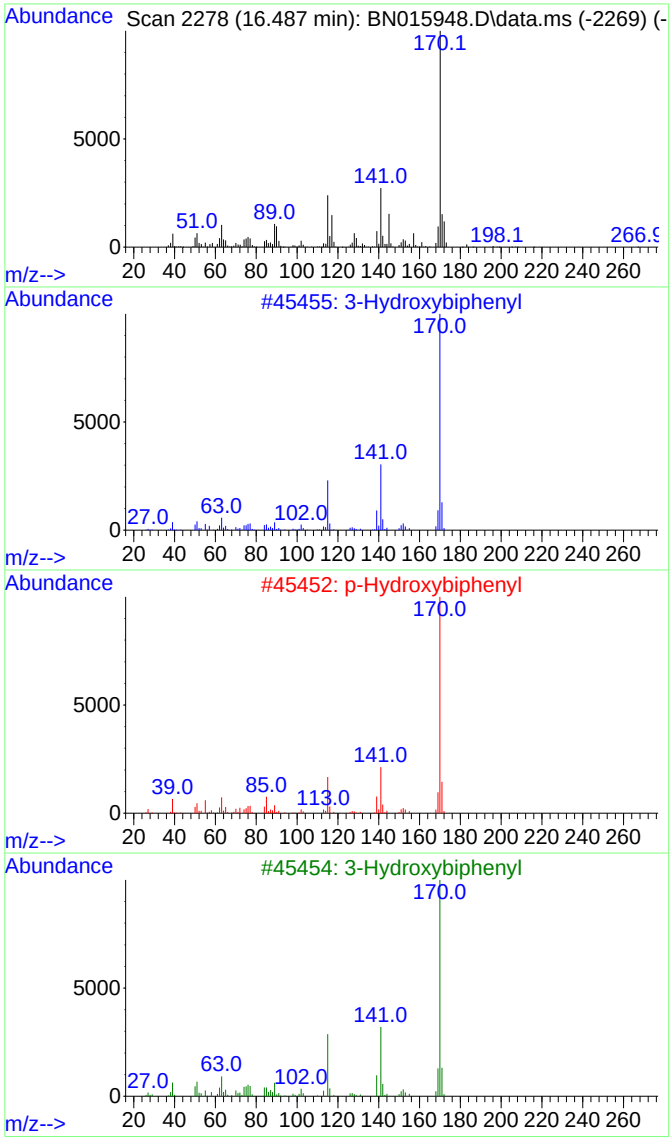
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

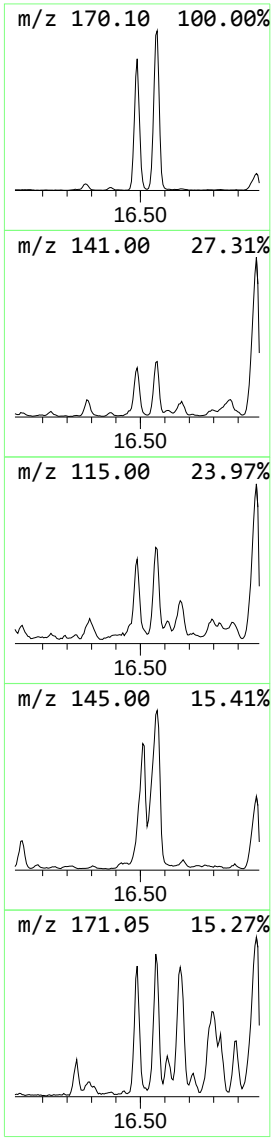
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 3-Hydroxybiphenyl Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	22.41 ng/ul	5474830	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	89
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	86
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	76
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	76





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Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKB0

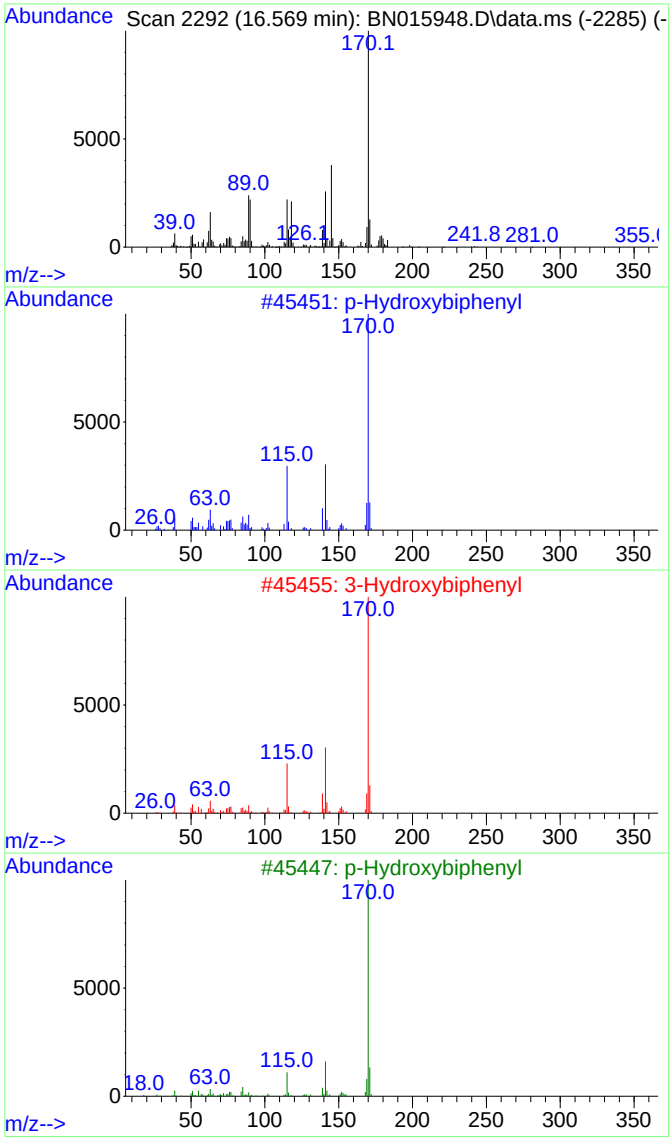
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

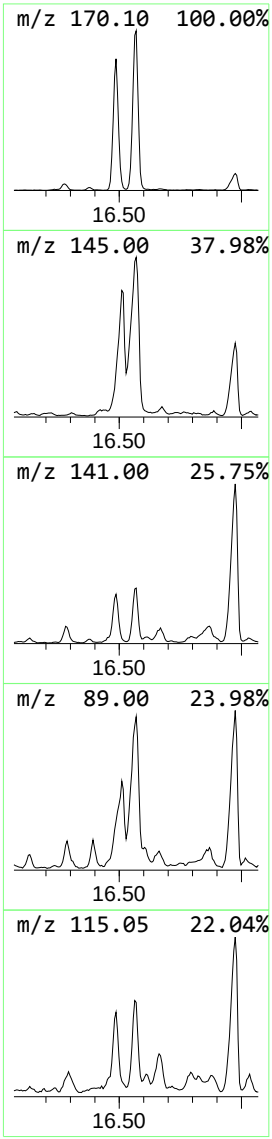
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 p-Hydroxybiphenyl Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.569	26.41 ng/ul	6452940	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	92
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	78
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	78
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	60





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Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

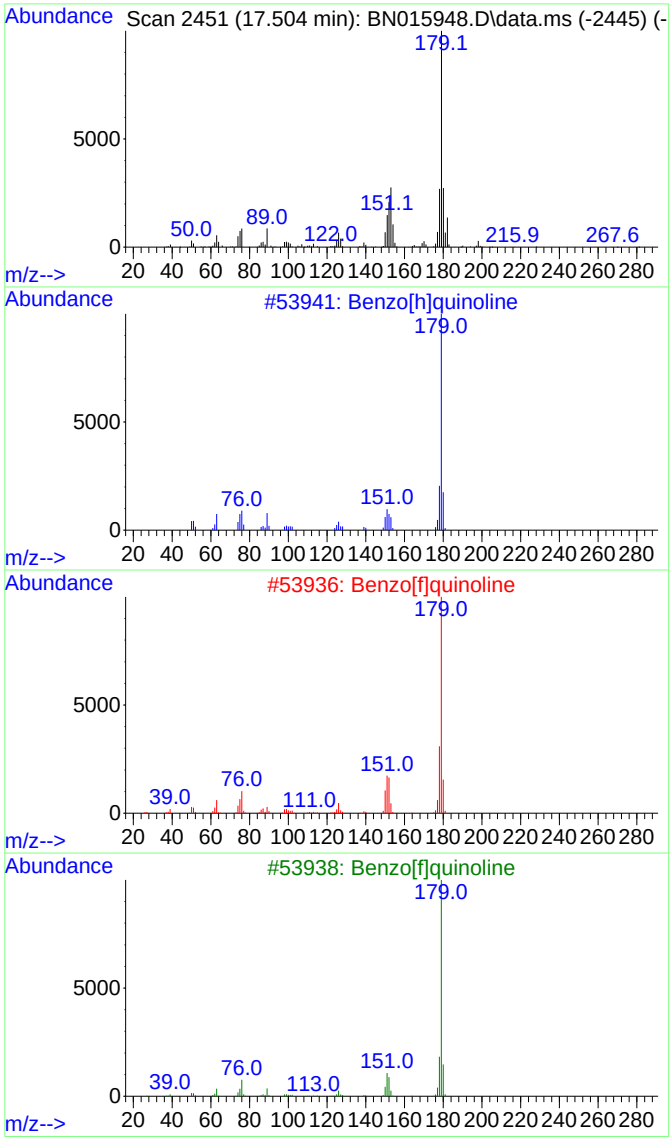
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

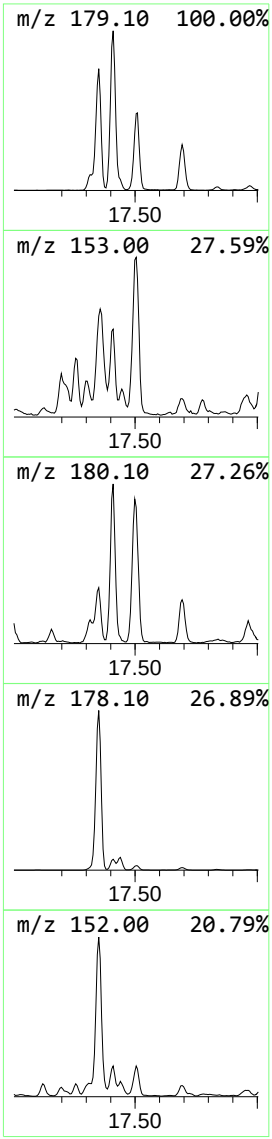
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzo[h]quinoline Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.504	17.43 ng/ul	4257870	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	64
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	62
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	58
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	58
5	Benzo[g]quinoline	179	C13H9N	000260-36-6	58





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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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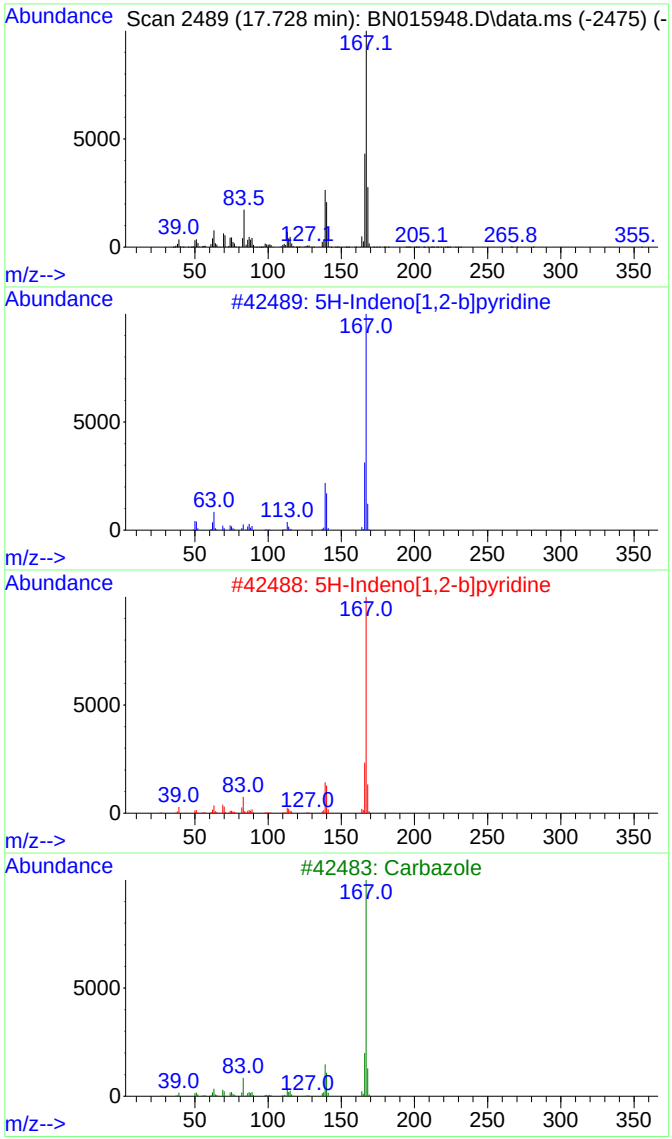
Quant Title : SVOA CALIBRATION

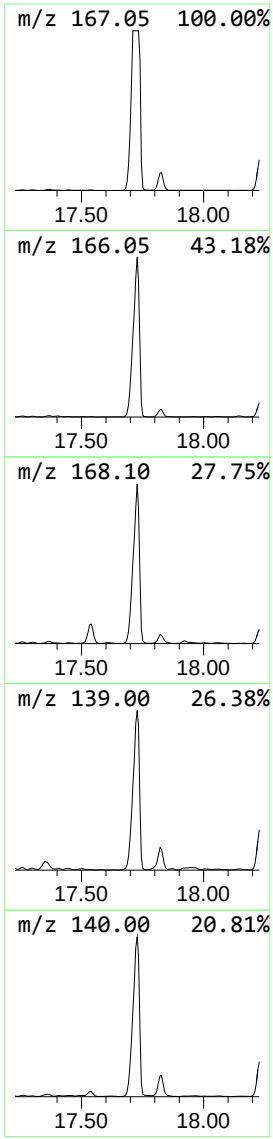
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.728	315.14 ng/ul	77001900	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	87
4	1-Cyano-4-methylnaphthalene	167	C12H9N	036062-93-8	87
5	Carbazole	167	C12H9N	000086-74-8	81





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Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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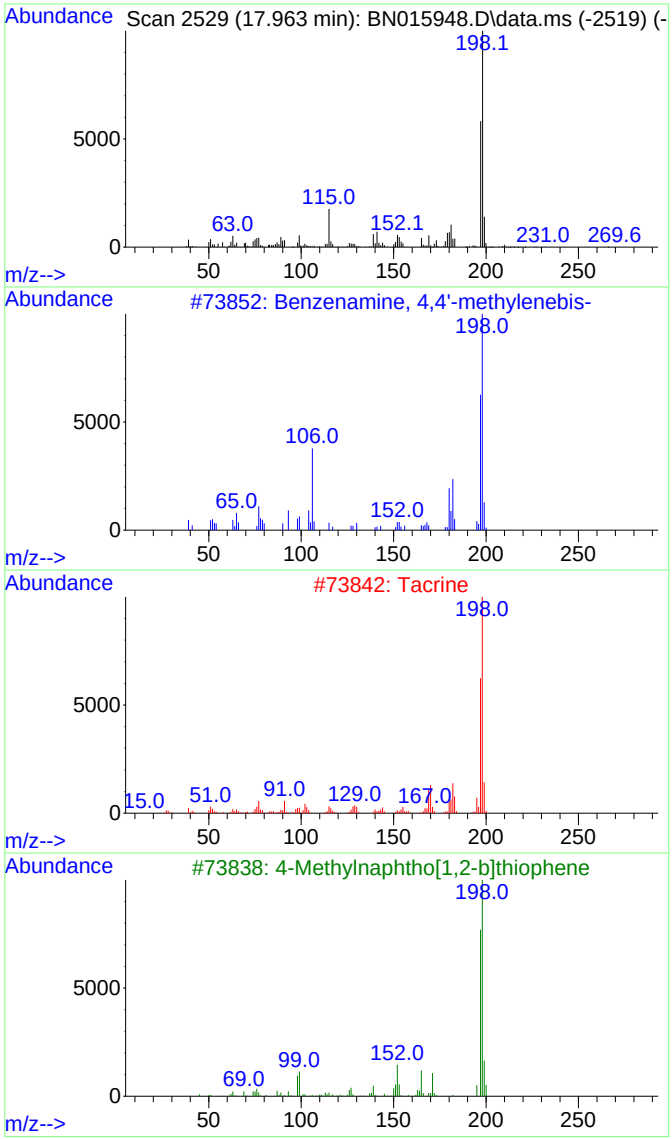
Quant Title : SVOA CALIBRATION

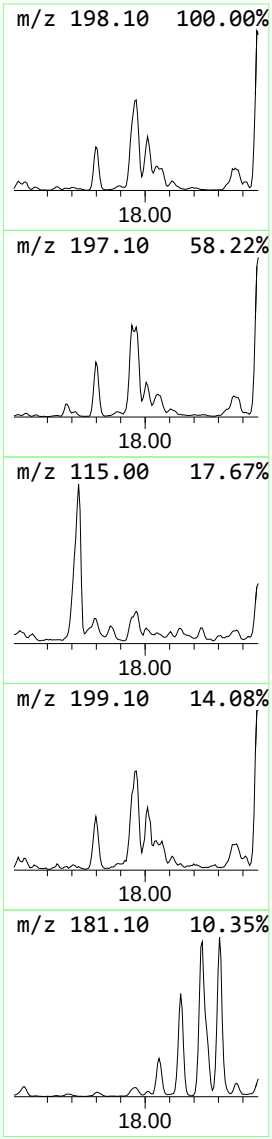
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzenamine, 4,4'-methylene... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	17.11 ng/ul	4181260	Phenanthrene-d10	17.304

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	72
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	68
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	64





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Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

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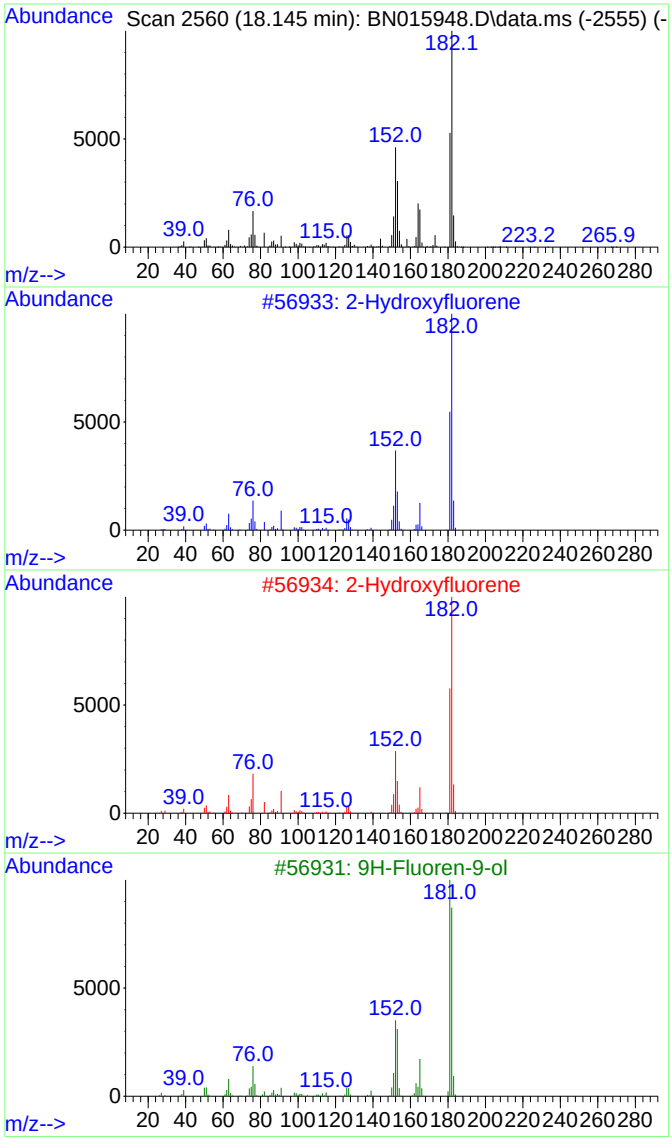
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

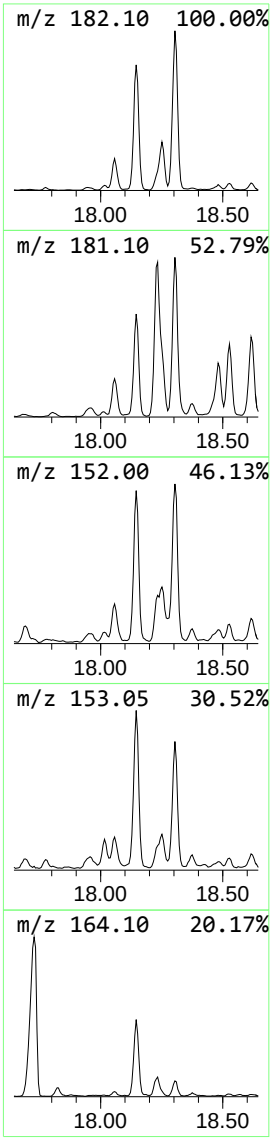
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 2-Hydroxyfluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	29.87 ng/ul	7298420	Phenanthrene-d10	17.304

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	93
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58
5	4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	58





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Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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

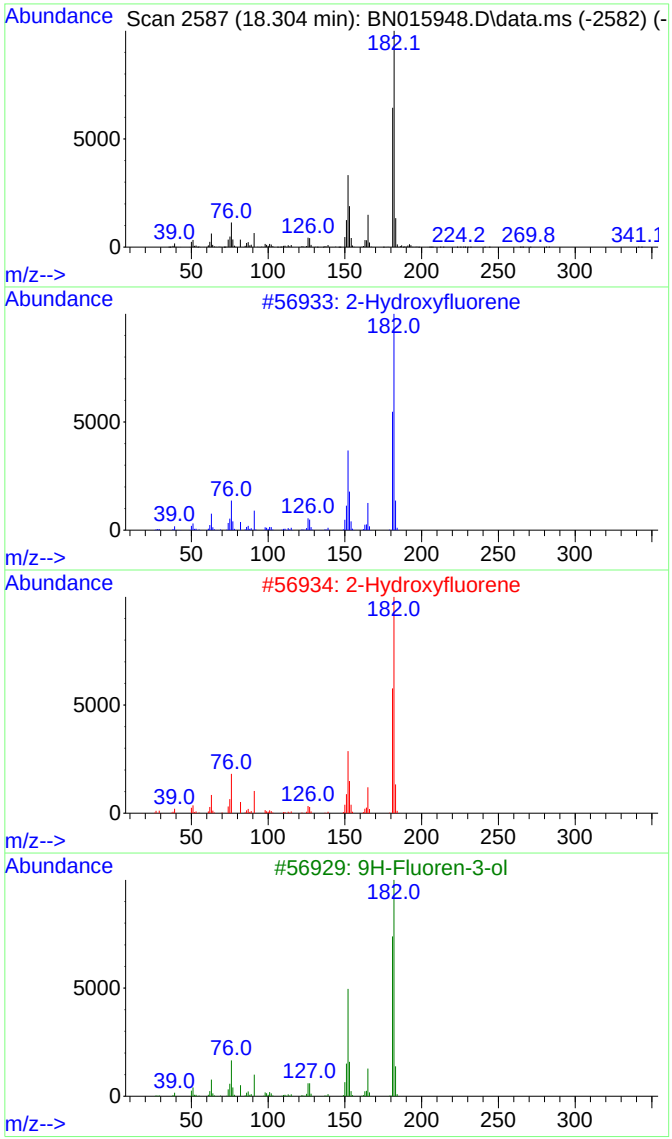
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

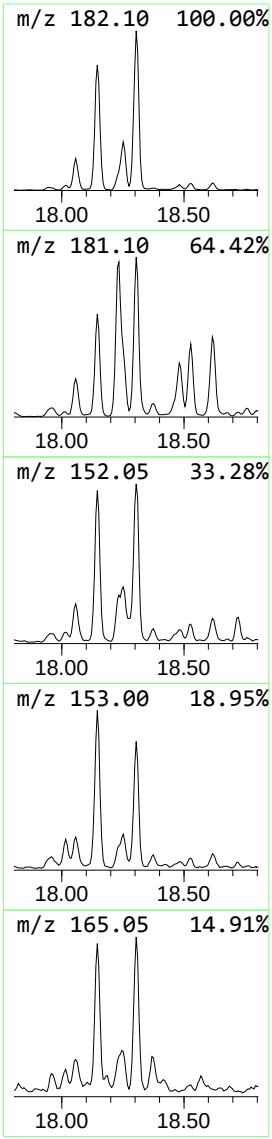
****

Peak Number 40 9H-Fluoren-3-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	26.71 ng/ul	6526610	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	98
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	95
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87





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Misc :
ALS Vial : 53 Sample Multiplier: 1

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ClientSampleId : DBKB0

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Quant Title : SVOA CALIBRATION

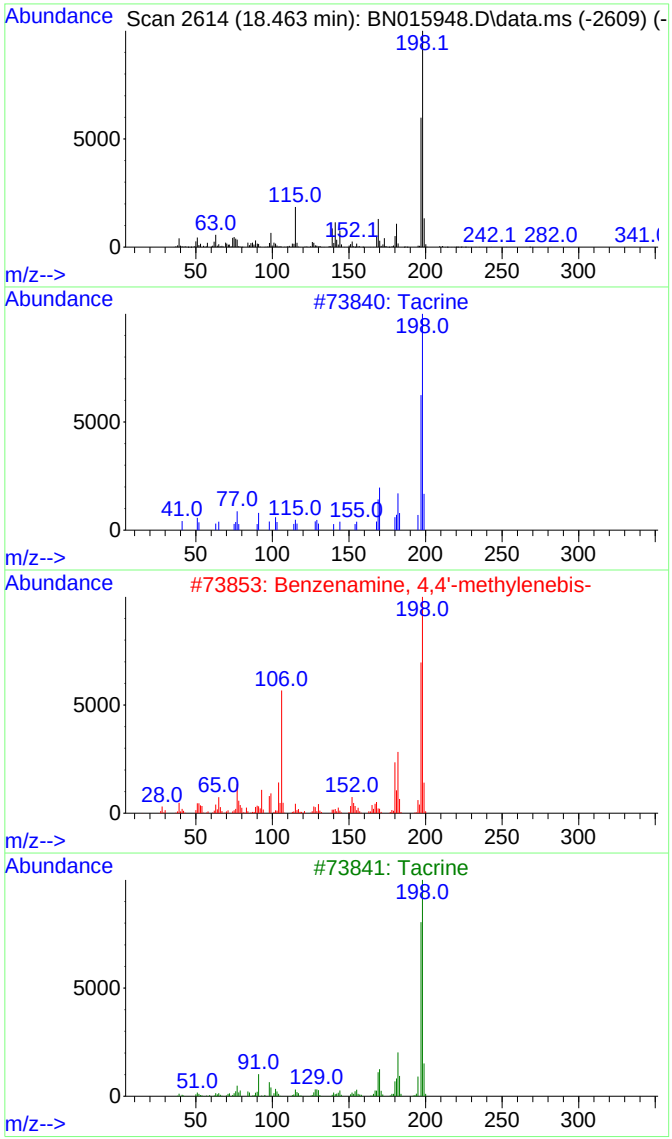
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

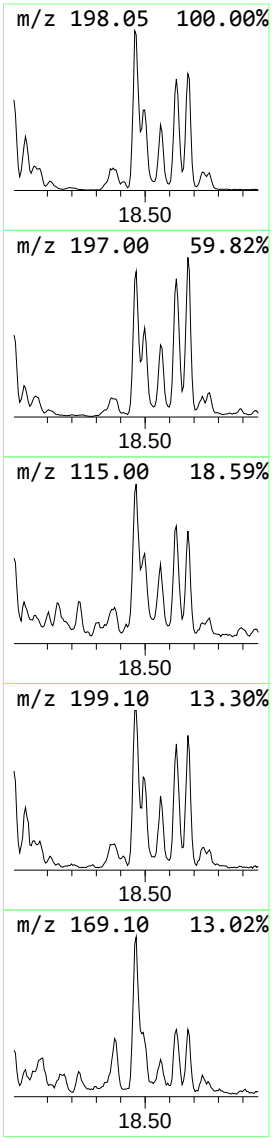
****

Peak Number 42 Tacrine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	29.45 ng/ul	7195700	Phenanthrene-d10	17.304

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	72
3	Tacrine	198	C13H14N2	000321-64-2	72
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

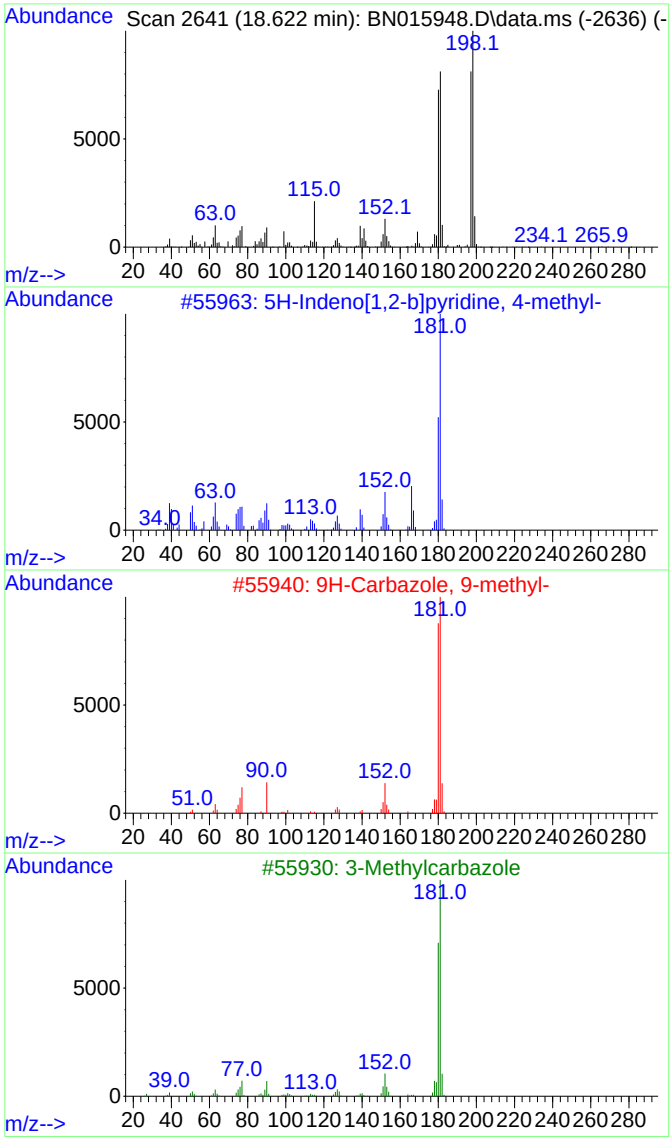
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

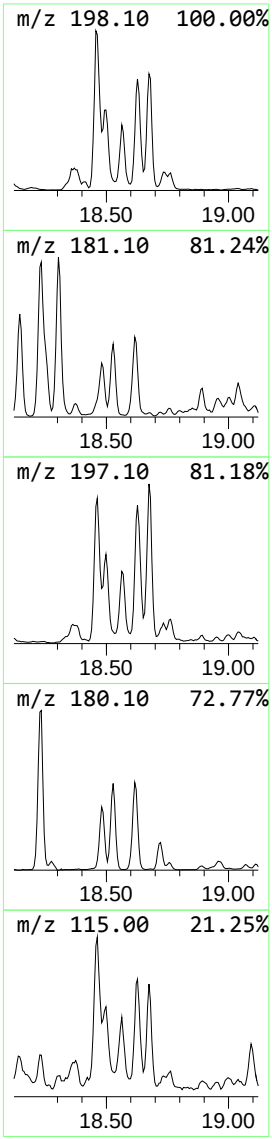
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 9H-Carbazole, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	18.83 ng/ul	4601780	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine, 4-methyl-	181	C13H11N	064292-01-9	93
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	86
3	3-Methylcarbazole	181	C13H11N	004630-20-0	80
4	Methanone, phenyl-2-pyridinyl-, ...	198	C12H10N2O	001826-28-4	60
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	56





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Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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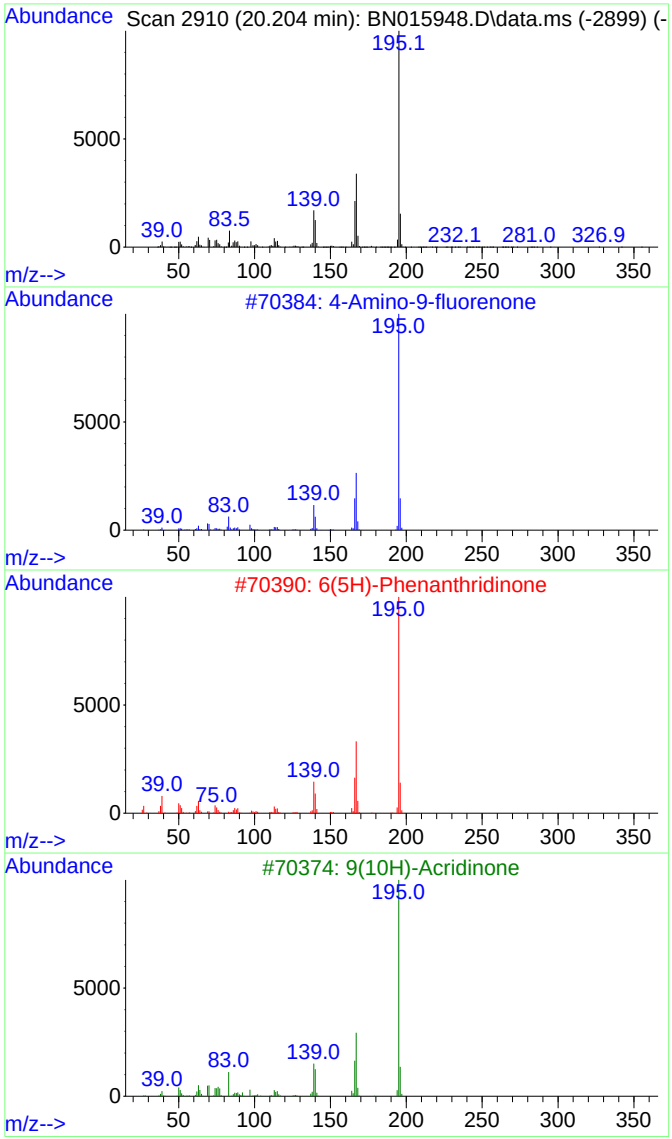
Quant Title : SVOA CALIBRATION

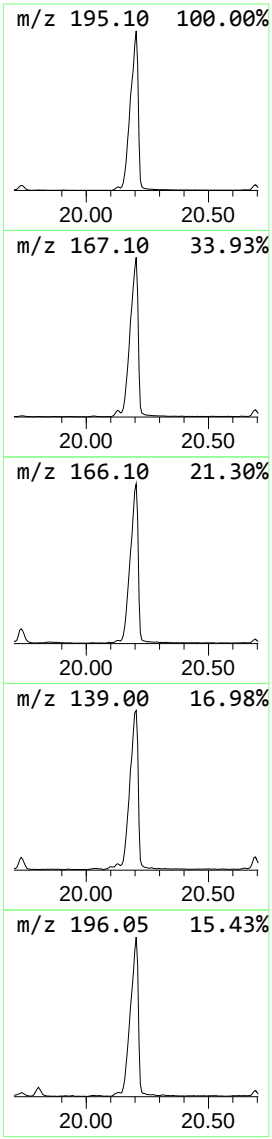
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 4-Amino-9-fluorenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	97.31 ng/ul	23508600	Chrysene-d12	21.486

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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

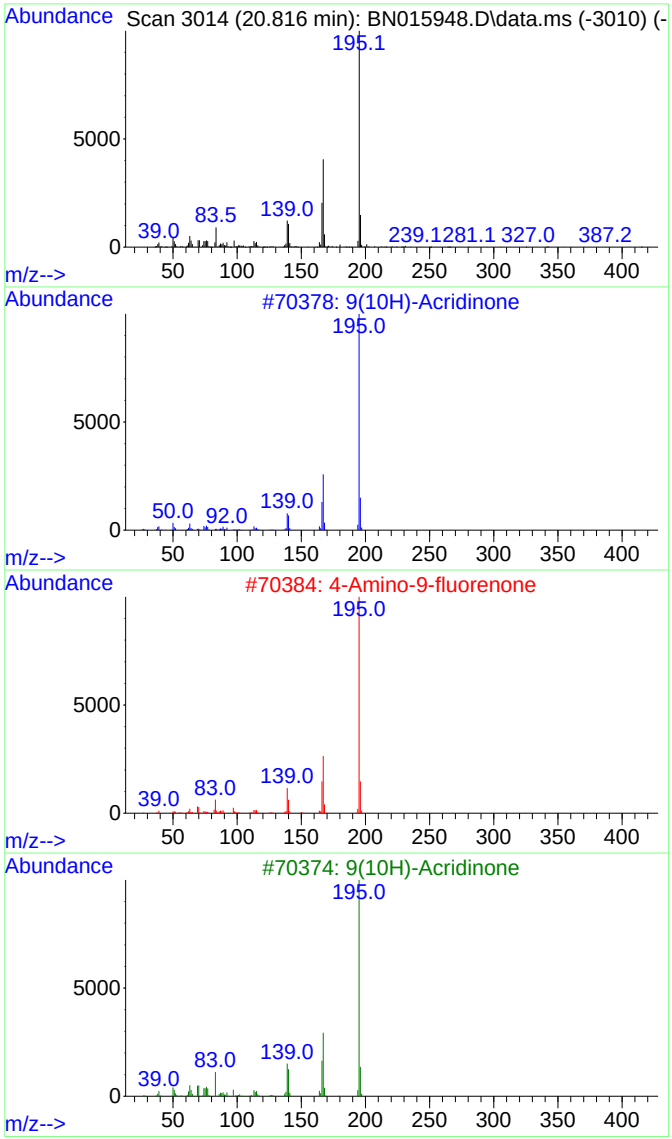
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

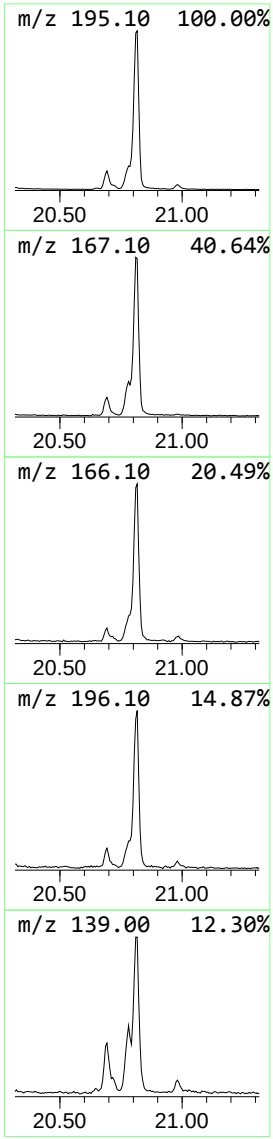
****

Peak Number 51 9(10H)-Acridinone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.816	27.65 ng/ul	6679910	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	94
5	9-Acridinol	195	C13H9NO	000643-62-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015948.D
Acq On : 18 Aug 2021 21:47
Operator : CG/JU
Sample : M3399-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKB0

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	4.081	24.8	ng/ul	2115100	1	7.899	1706400	20.0
Ethylbenzene	5.405	127.0	ng/ul	10836100	1	7.899	1706400	20.0
p-Xylene	5.534	66.5	ng/ul	5673230	1	7.899	1706400	20.0
o-Xylene	5.905	71.4	ng/ul	6091400	1	7.899	1706400	20.0
Benzene, 1-ethy...	7.552	50.6	ng/ul	4319480	1	7.899	1706400	20.0
Benzofuran	7.622	121.5	ng/ul	10365400	1	7.899	1706400	20.0
Benzene, 1,2,3-...	8.016	18.9	ng/ul	1616970	1	7.899	1706400	20.0
Indane	8.281	137.6	ng/ul	11736700	1	7.899	1706400	20.0
Indene	8.458	1123.8	ng/ul	95884900	1	7.899	1706400	20.0
Benzofuran, 2-m...	9.263	24.9	ng/ul	2121070	1	7.899	1706400	20.0
Quinoline, 6-me...	13.181	12.3	ng/ul	2764970	3	14.551	4485550	20.0
Phenol, 3,5-dic...	13.257	59.3	ng/ul	13299100	3	14.551	4485550	20.0
Naphthalene, 1-...	13.581	32.0	ng/ul	7172720	3	14.551	4485550	20.0
Naphthalene, 2,...	13.728	40.3	ng/ul	9030510	3	14.551	4485550	20.0
Naphthalene, 1,...	13.869	28.9	ng/ul	6476600	3	14.551	4485550	20.0
2-Naphthaleneca...	14.693	76.5	ng/ul	17162900	3	14.551	4485550	20.0
o-Hydroxybiphenyl	14.828	18.8	ng/ul	4214270	3	14.551	4485550	20.0
Phenol, 2,3,5,6...	15.098	58.3	ng/ul	13065600	3	14.551	4485550	20.0
3-Hydroxybiphenyl	16.486	22.4	ng/ul	5474830	4	17.304	4886880	20.0
p-Hydroxybiphenyl	16.569	26.4	ng/ul	6452940	4	17.304	4886880	20.0
Benzo[h]quinoline	17.504	17.4	ng/ul	4257870	4	17.304	4886880	20.0
5H-Indeno[1,2-b...	17.728	315.1	ng/ul	77001900	4	17.304	4886880	20.0
Benzenamine, 4,...	17.963	17.1	ng/ul	4181260	4	17.304	4886880	20.0
2-Hydroxyfluorene	18.145	29.9	ng/ul	7298420	4	17.304	4886880	20.0
9H-Fluoren-3-ol	18.304	26.7	ng/ul	6526610	4	17.304	4886880	20.0
Tacrine	18.463	29.4	ng/ul	7195700	4	17.304	4886880	20.0
9H-Carbazole, 9...	18.622	18.8	ng/ul	4601780	4	17.304	4886880	20.0
4-Amino-9-fluor...	20.204	97.3	ng/ul	23508600	5	21.486	4831830	20.0
9(10H)-Acridinone	20.816	27.6	ng/ul	6679910	5	21.486	4831830	20.0