LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN015995.D
Acq On : 20 Aug 2021 20:50
Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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: BN015995.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.740	109	111	125	rVB2	223554	421824	3.77%	0.351%
2	7.040	666	672	679	rVB	239841	414586	3.71%	0.345%
3	7.204	694	700	715	rVB	752813	1309904	11.71%	1.090%
4	7.404	727	734	743	rBV	817483	1360884	12.17%	1.133%
5	7.875	808	814	823	rVB	847683	1416882	12.67%	1.179%
6	8.251	870	878	885	rBV	802362	1359445	12.15%	1.131%
7	8.581	927	934	944	rVB	669984	1094997	9.79%	0.911%
8	9.034	1005	1011	1023	rVB	1034992	1895490	16.94%	1.577%
9	9.357	1057	1066	1072	rBV3	50226	115285	1.03%	0.096%
10	9.757	1126	1134	1142	rBV	807341	1386660	12.40%	1.154%
11	9.928	1157	1163	1172	rVB2	90288	165465	1.48%	0.138%
12	10.075	1181	1188	1198	rBV2	239521	444969	3.98%	0.370%
13	10.298	1217	1226	1235	rBV	1128643	2026303	18.11%	1.686%
14	10.451	1247	1252	1261	rBV	130258	216213	1.93%	0.180%
15	10.675	1282	1290	1297	rVV	1129604	2024595	18.10%	1.685%
16	10.810	1305	1313	1328	rBV	1049871	1904161	17.02%	1.585%
17	11.028	1344	1350	1358	rVB3	54639	109959	0.98%	0.092%
18	11.251	1383	1388	1398	rBV7	35423	102148	0.91%	0.085%
19	11.786	1473	1479	1487	rBV2	79043	146129	1.31%	0.122%
20	12.057	1519	1525	1535	rVB2	144922	268974	2.40%	0.224%
21	12.234	1547	1555	1563	rVB2	189006	364367	3.26%	0.303%
22	12.339	1565	1573	1579	rVB	295571	504415	4.51%	0.420%
23	12.457	1586	1593	1598	rBV	87195	152861	1.37%	0.127%
24	12.557	1598	1610	1620	rVB	1967167	3431729	30.68%	2.856%
25	13.569	1771	1782	1788	rVB2	146744	357371	3.19%	0.297%
26	13.686	1790	1802	1810	rBV3	271256	725872	6.49%	0.604%
27	13.833	1819	1827	1832	rBV	617587	1144426	10.23%	0.952%
28	13.922	1837	1842	1852	rVB	2432258	3622967	32.39%	3.015%
29	14.069	1861	1867	1871	rBV	283197	480960	4.30%	0.400%
30	14.104	1871	1873	1878	rVB	137802	161935	1.45%	0.135%
31	14.204	1884	1890	1901	rVB	2494839	4264385	38.12%	3.549%
32	14.510	1930	1942	1948	rBV	1661713	2965979	26.51%	2.468%
33	14.580	1948	1954	1961	rVV	7219896	11186284	100.00%	9.309%
34	14.704	1970	1975	1986	rVV2	264123	586150	5.24%	0.488%
35	14.822	1986	1995	2000	rVV2	158459	328271	2.93%	0.273%
36	14.910	2003	2010	2017	rVB	2906791	4270665	38.18%	3.554%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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	14.986	2017	2023	2032	rBV	96993	187882	1.68%	0.156%
38	15.133	2037	2048	2052	rBV2	132127	246977	2.21%	0.206%
39	15.180	2052	2056	2060	rBV4	67212	99326	0.89%	0.083%
40	15.304	2069	2077	2079	rBV4	81795	192168	1.72%	0.160%
41	15.327	2079	2081	2088	rVB8	64931	93483	0.84%	0.078%
42	15.504	2101	2111	2116	rVV	3356730	5078455	45.40%	4.226%
43	15.563	2116	2121	2126	rVV	3590296	5445224	48.68%	4.531%
44	15.616	2126	2130	2135	rVV	894671	1348742	12.06%	1.122%
45	15.686	2138	2142	2145	rVV	321930	535935	4.79%	0.446%
46	15.722	2145	2148	2153	rVV2	311414	507087	4.53%	0.422%
47	15.769	2153	2156	2160	rVV5	123297	197100	1.76%	0.164%
48	15.810	2160	2163	2166	rVV	143721	192099	1.72%	0.160%
49	15.851	2166	2170	2180	rVB	297945	487890	4.36%	0.406%
50	15.945	2180	2186	2187	rBV5	56319	88684	0.79%	0.074%
51	15.998	2190	2195	2203	rVB2	313793	644484	5.76%	0.536%
52	16.227	2224	2234	2242	rBV2	762237	1378971	12.33%	1.148%
53	16.351	2249	2255	2262	rBV	248267	418782	3.74%	0.349%
54	16.522	2279	2284	2285	rBV5	63649	88516	0.79%	0.074%
55	16.563	2285	2291	2295	rVV	178097	353362	3.16%	0.294%
56	16.610	2295	2299	2306	rVV4	131554	232284	2.08%	0.193%
57	16.716	2313	2317	2323	rVB2	105740	159785	1.43%	0.133%
58	16.874	2340	2344	2348	rBV	119784	186109	1.66%	0.155%
59	17.022	2365	2369	2374	rVV5	83569	178407	1.59%	0.148%
60	17.074	2374	2378	2387	rVB	439526	660872	5.91%	0.550%
61	17.174	2388	2395	2399	rVV2	124534	209296	1.87%	0.174%
62	17.257	2404	2409	2413	rVV	2095657	3257942	29.12%	2.711%
63	17.304	2413	2417	2421	rVV	3820741	5572886	49.82%	4.638%
64	17.357	2421	2426	2430	rVV	3778496	5644389	50.46%	4.697%
65	17.392	2430	2432	2437	rVV	530877	630711	5.64%	0.525%
66	17.451	2437	2442	2452	rVB5	119597	286283	2.56%	0.238%
67	17.621	2466	2471	2474	rBV5	57546	96108	0.86%	0.080%
68	17.663	2474	2478	2483	rVB	163064	239057	2.14%	0.199%
69	17.763	2490	2495	2501	rBV7	146264	279533	2.50%	0.233%
70	17.927	2519	2523	2527	rVV4	60841	113793	1.02%	0.095%
71	18.133	2555	2558	2562	rBV	94483	129241	1.16%	0.108%
72	18.180	2562	2566	2574	rVB2	393682	586827	5.25%	0.488%
73	18.257	2574	2579	2585	rVB3	100576	158276	1.41%	0.132%
74	18.333	2585	2592	2596	rBV2	410139	746662	6.67%	0.621%
75	18.439	2602	2610	2614	rBV3	174282	477001	4.26%	0.397%
76	18.480	2614	2617	2621	rVV	243429	353507	3.16%	0.294%

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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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

77	18.521	2621	2624	2628	rVV4	101424	156201	1.40%	0.130%
78	18.574	2628	2633	2638	rVV2	260499	429936	3.84%	0.358%
79	18.633	2638	2643	2646	rVV3	122372	202053	1.81%	0.168%
80	18.674	2646	2650	2654	rVV	209167	286329	2.56%	0.238%
81	19.086	2717	2720	2725	rVB2	78203	94202	0.84%	0.078%
82	19.316	2752	2759	2764	rVB	880889	1272094	11.37%	1.059%
83	19.374	2764	2769	2773	rBV	222379	320665	2.87%	0.267%
84	19.527	2789	2795	2800	rBV7	71000	193245	1.73%	0.161%
85	19.651	2810	2816	2831	rVB	4643137	7455916	66.65%	6.205%
86	20.057	2878	2885	2890	rBV2	469656	857066	7.66%	0.713%
87	20.115	2890	2895	2901	rVB	308106	453117	4.05%	0.377%
88	20.215	2907	2912	2918	rBV	429546	600192	5.37%	0.499%
89	20.274	2918	2922	2929	rVB7	67062	104517	0.93%	0.087%
90	20.651	2982	2986	2991	rBV	639628	828490	7.41%	0.689%
91	20.727	2996	2999	3000	rVV2	137636	156721	1.40%	0.130%
92	20.757	3000	3004	3015	rVB	840852	1391457	12.44%	1.158%
93	21.092	3057	3061	3063	rBV	94170	130676	1.17%	0.109%
94	21.157	3069	3072	3079	rVB4	138585	201097	1.80%	0.167%
95	21.439	3115	3120	3133	rVB	2611327	3609970	32.27%	3.004%
96	21.768	3173	3176	3181	rVB	125176	161739	1.45%	0.135%
97	21.933	3200	3204	3212	rBV	304700	465345	4.16%	0.387%
98	22.557	3307	3310	3316	rVB5	88974	141657	1.27%	0.118%
99	23.686	3494	3502	3509	rBV2	3342214	6633370	59.30%	5.520%
100	23.839	3521	3528	3539	rVB2	1665703	3500658	31.29%	2.913%

Sum of corrected areas: 120164359

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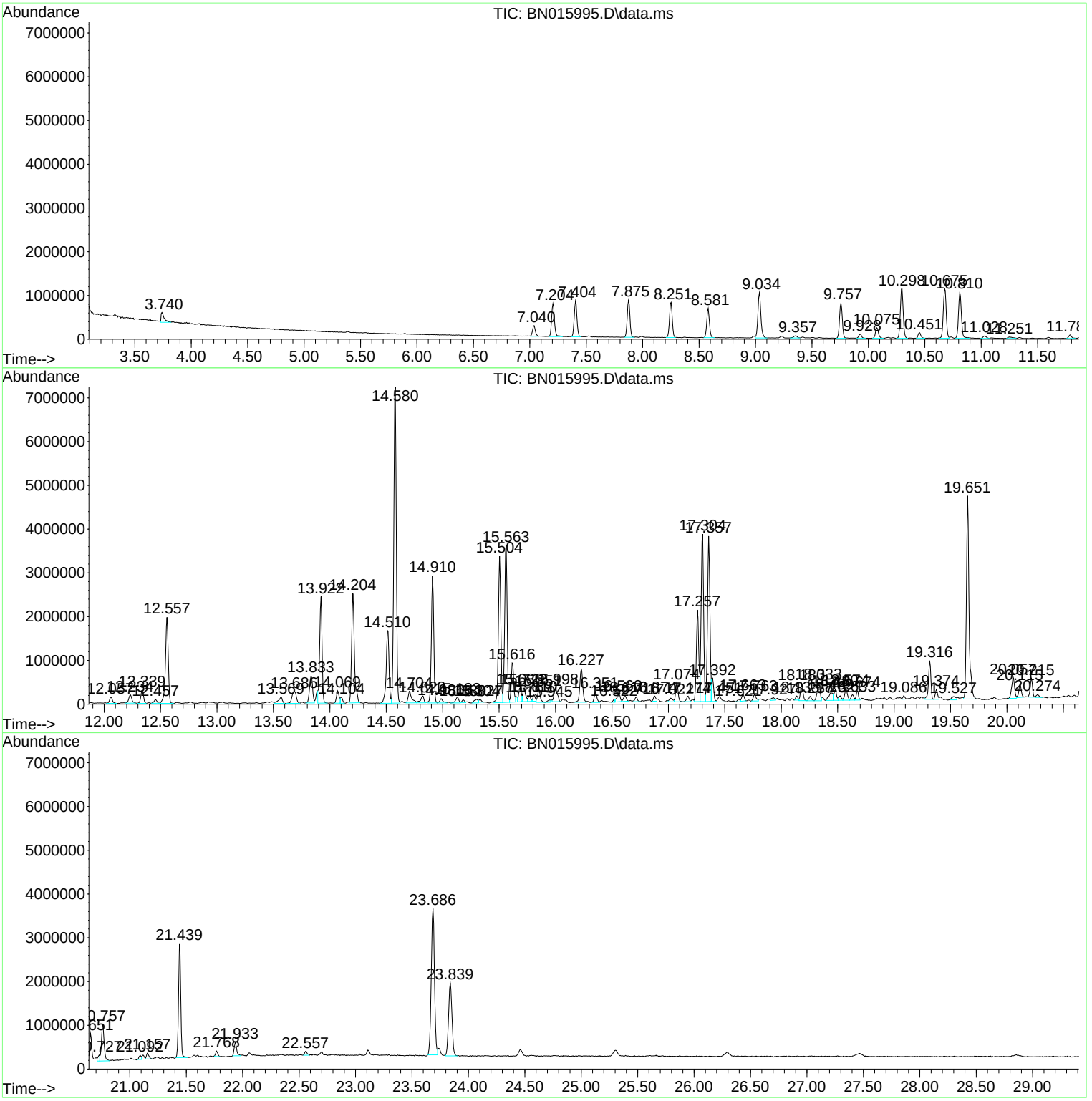
Instrument :
BNA_N
ClientSampleId :
DBKE5

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\BN082021\
Data File : BN015995.D
Acq On : 20 Aug 2021 20:50
Operator : CG/JU
Sample : M3448-06
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Instrument :
BNA_N
ClientSampleId :
DBKE5

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

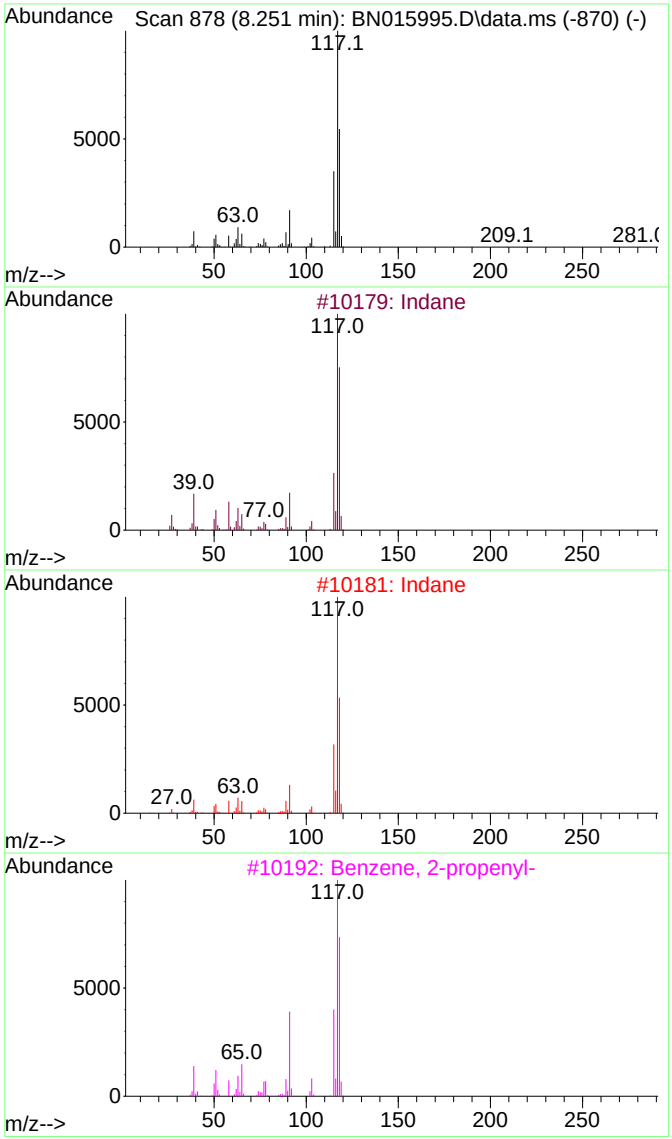
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

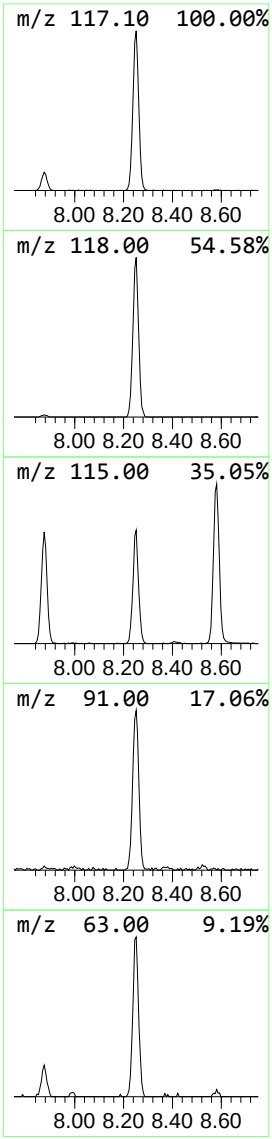
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	19.19 ng/ul	1359450	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	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Indane	118	C9H10	000496-11-7	64





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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

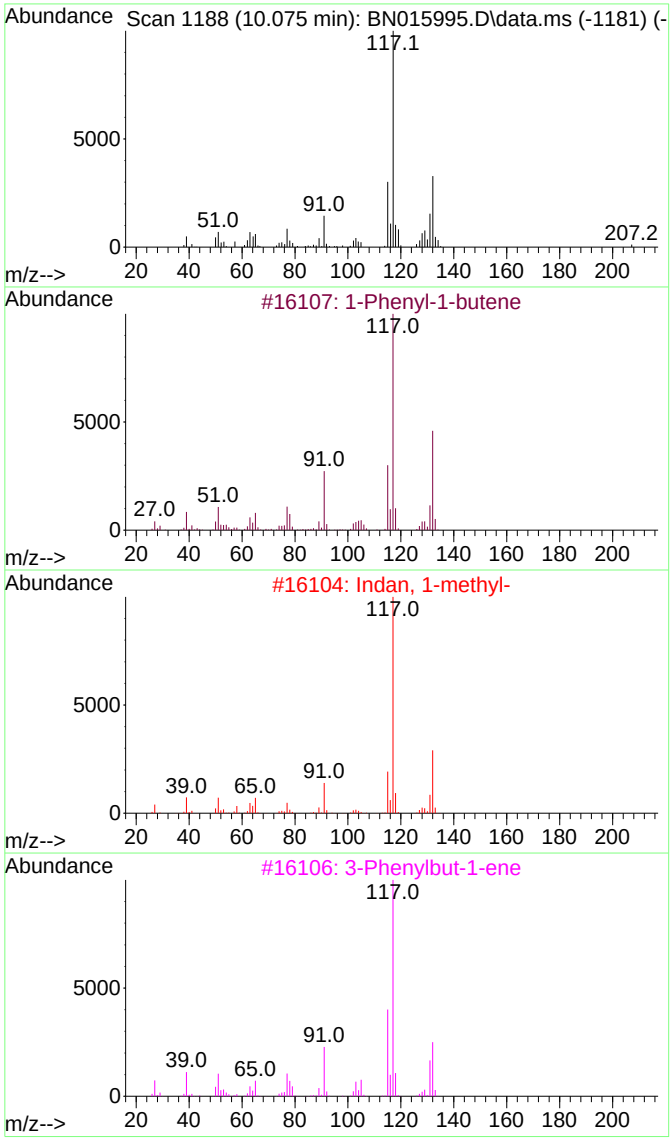
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

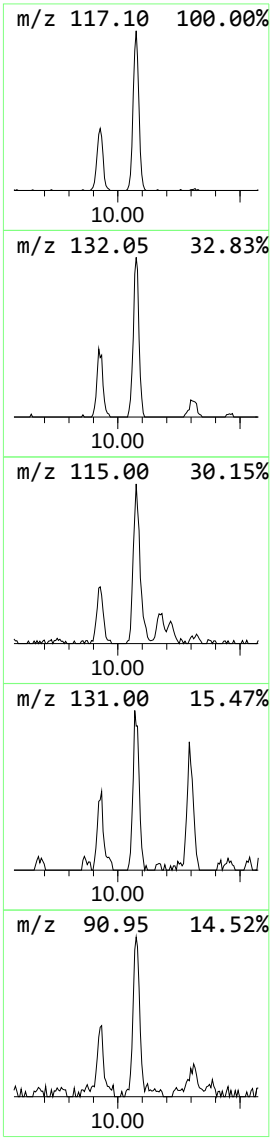
****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	4.40 ng/ul	444969	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





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ALS Vial : 9 Sample Multiplier: 1

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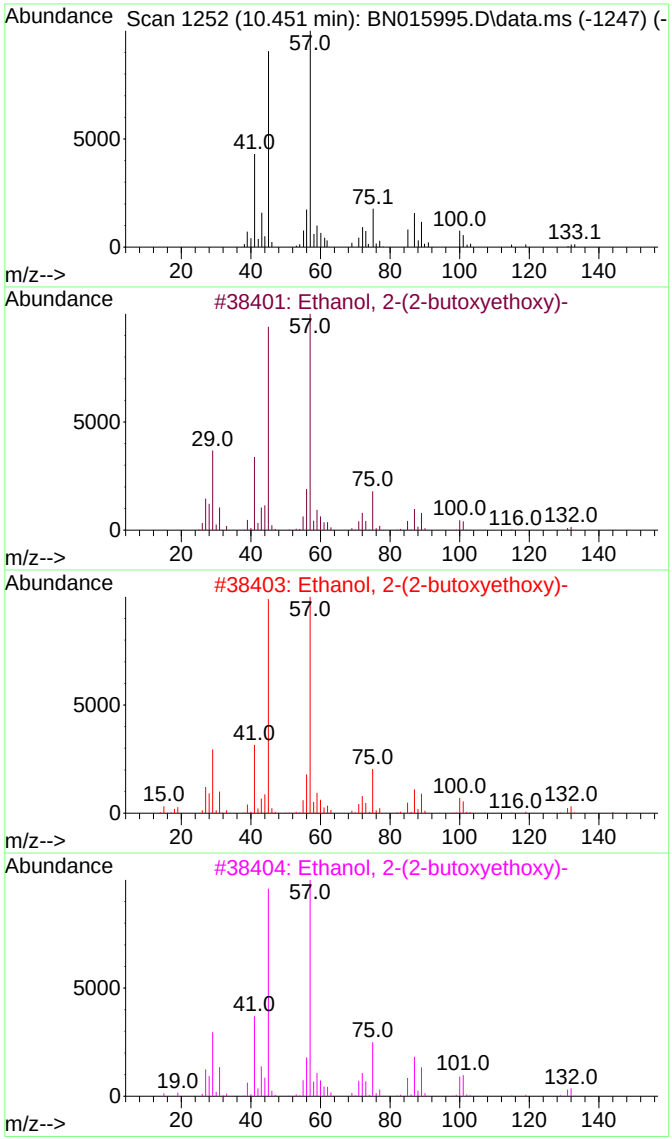
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

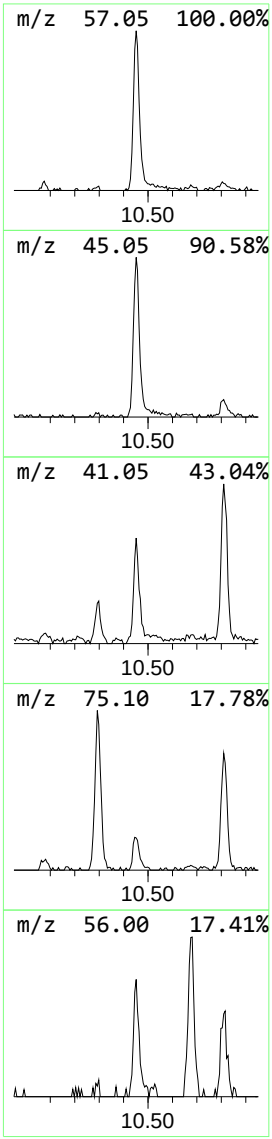
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	2.14 ng/ul	216213	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78





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Instrument :
BNA_N
ClientSampleId :
DBKE5

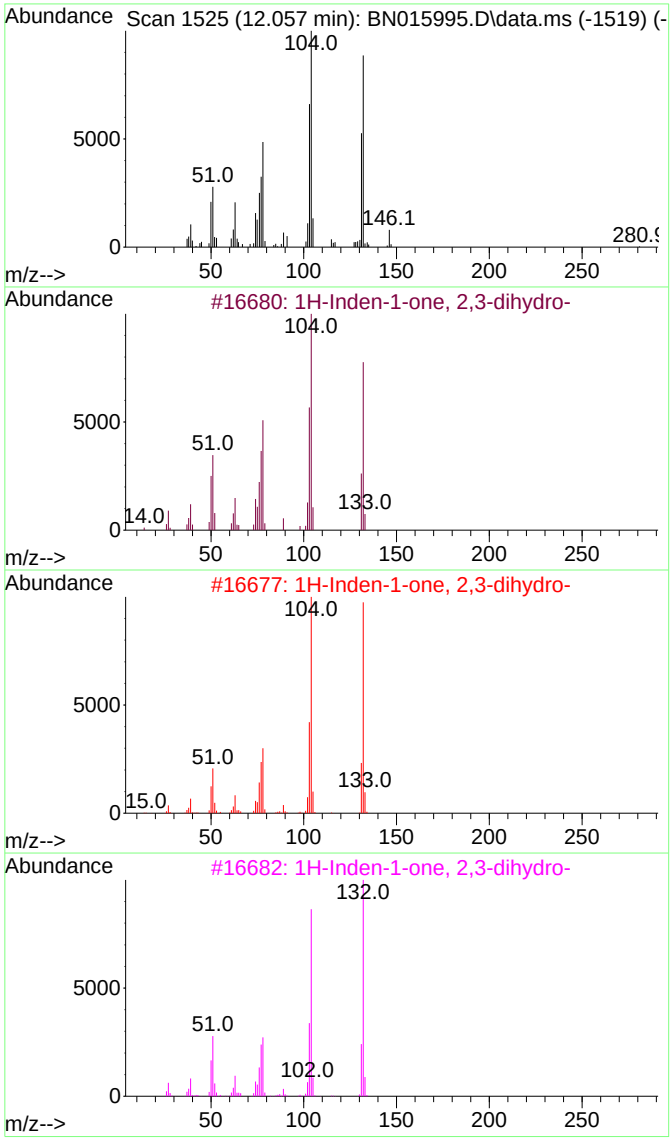
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

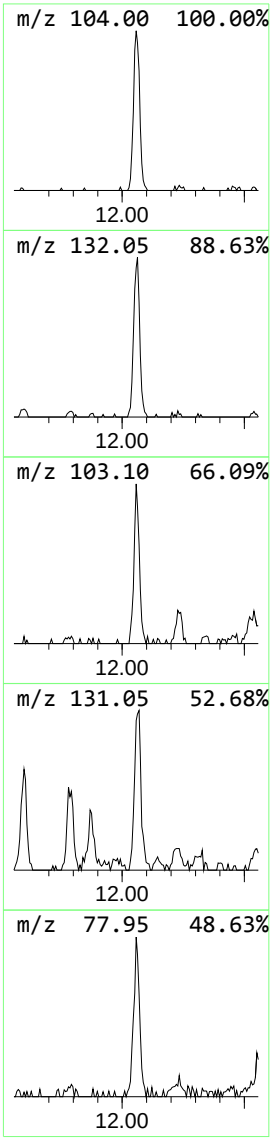
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	2.66 ng/ul	268974	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	81
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	64
4	Styrene	104	C8H8	000100-42-5	60
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	58





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Data File : BN015995.D
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Sample : M3448-06
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ALS Vial : 9 Sample Multiplier: 1

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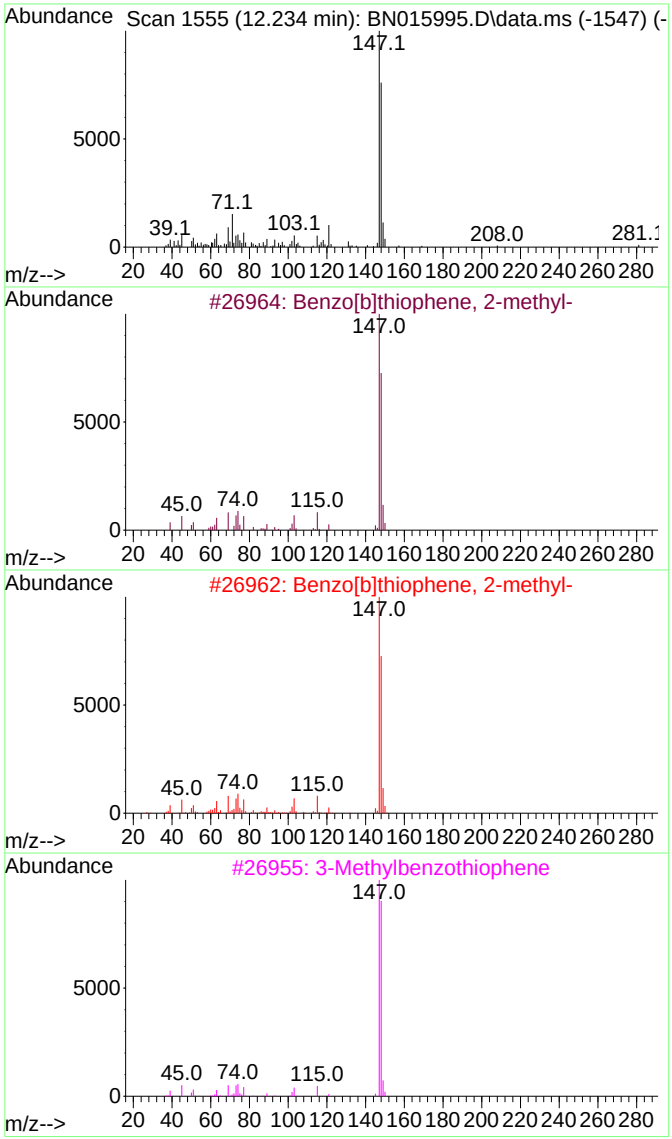
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

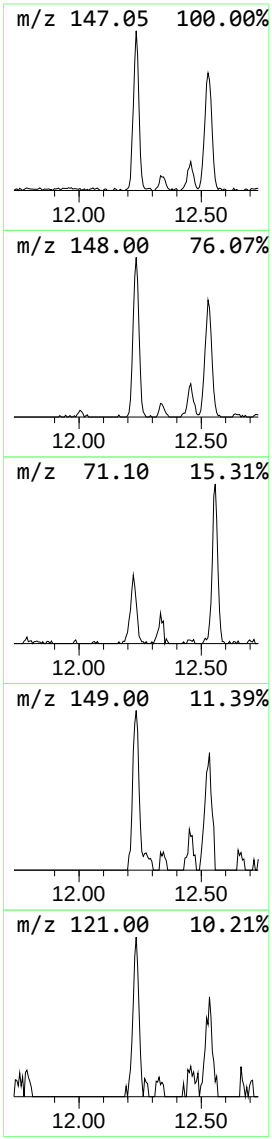
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[b]thiophene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	3.60 ng/ul	364367	Naphthalene-d8	10.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	83





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKE5

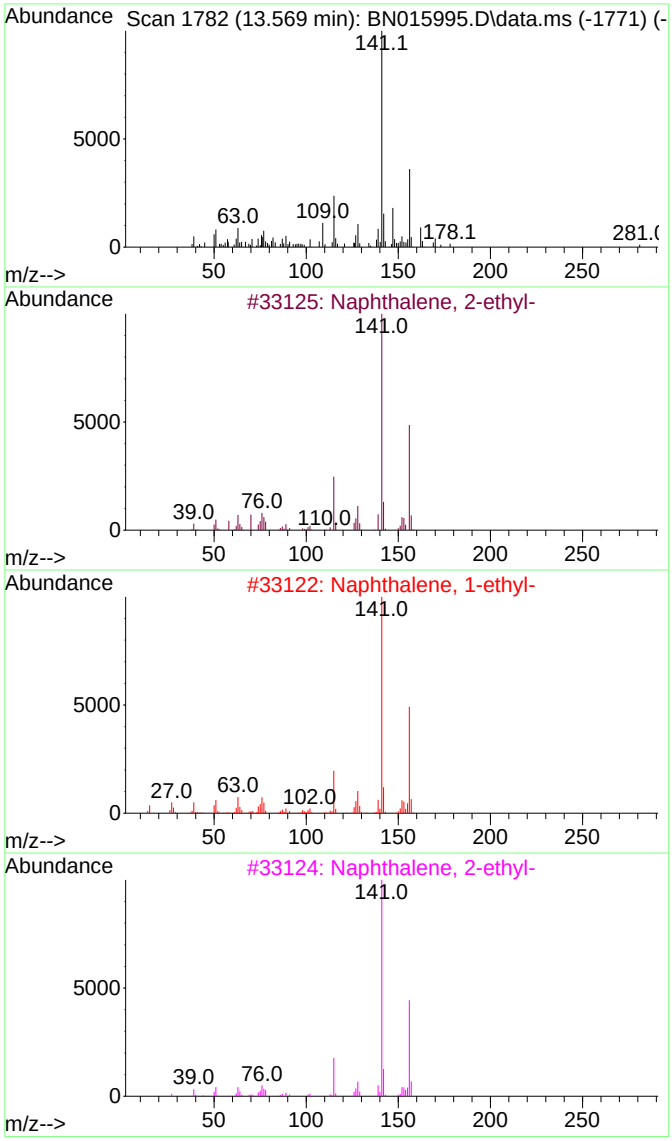
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

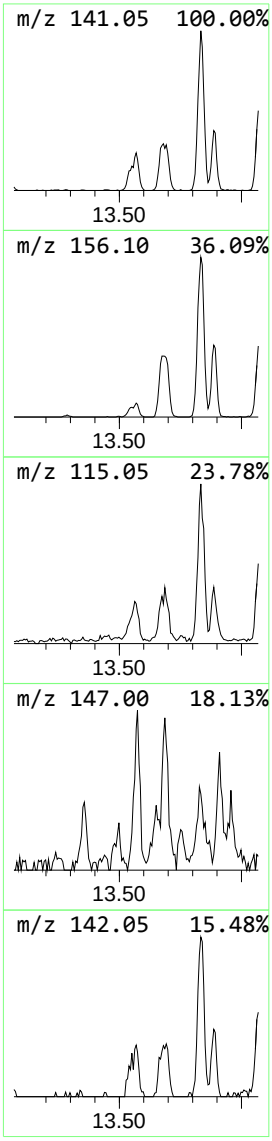
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	2.41 ng/ul	357371	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	89
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKE5

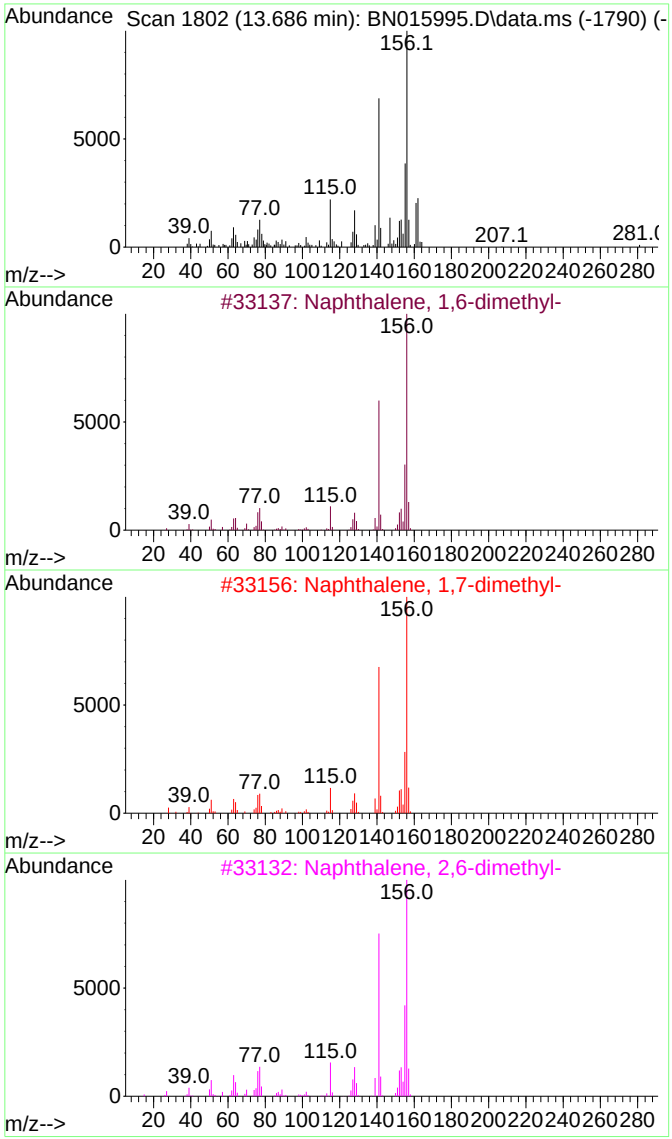
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

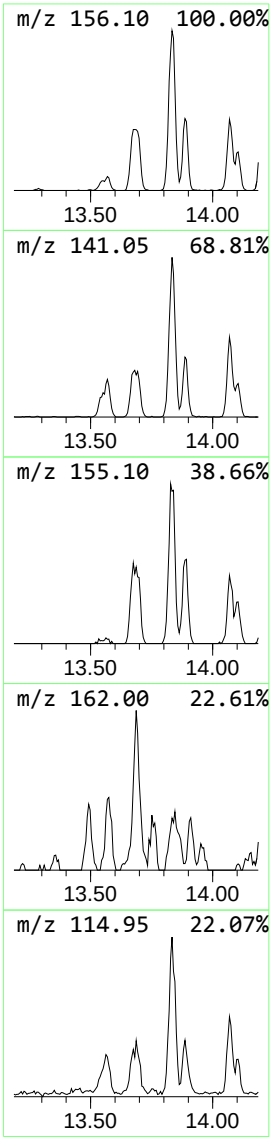
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	4.89 ng/ul	725872	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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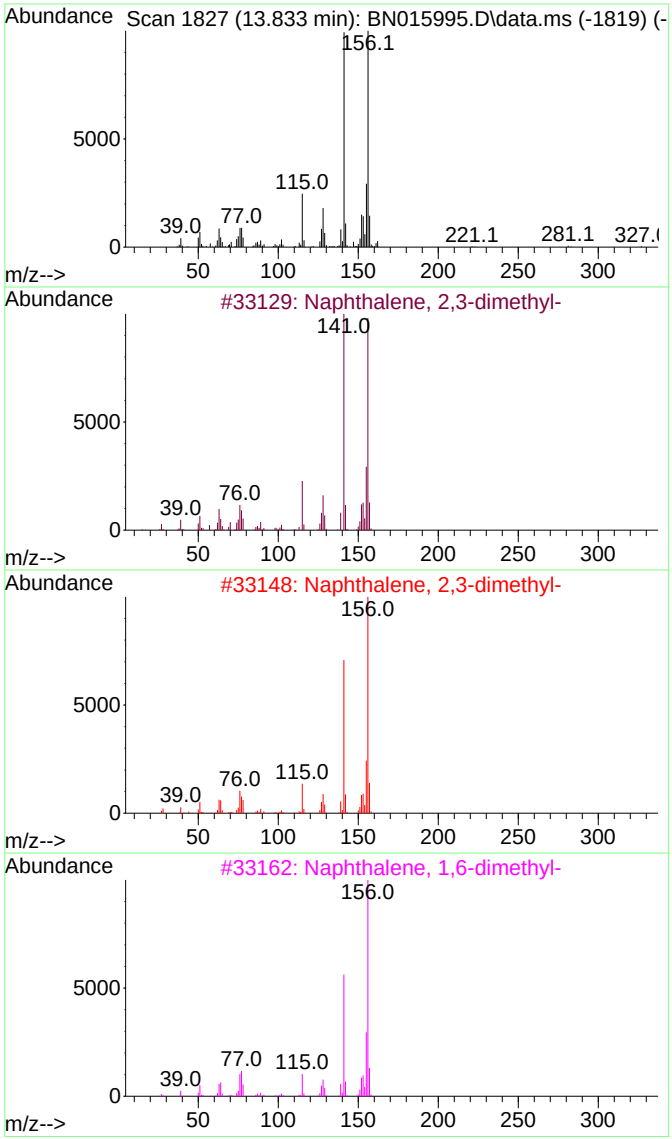
Quant Title : SVOA CALIBRATION

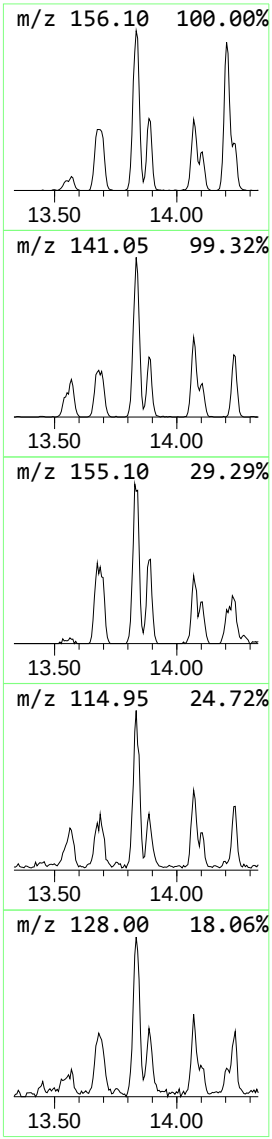
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	7.72 ng/ul	1144430	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

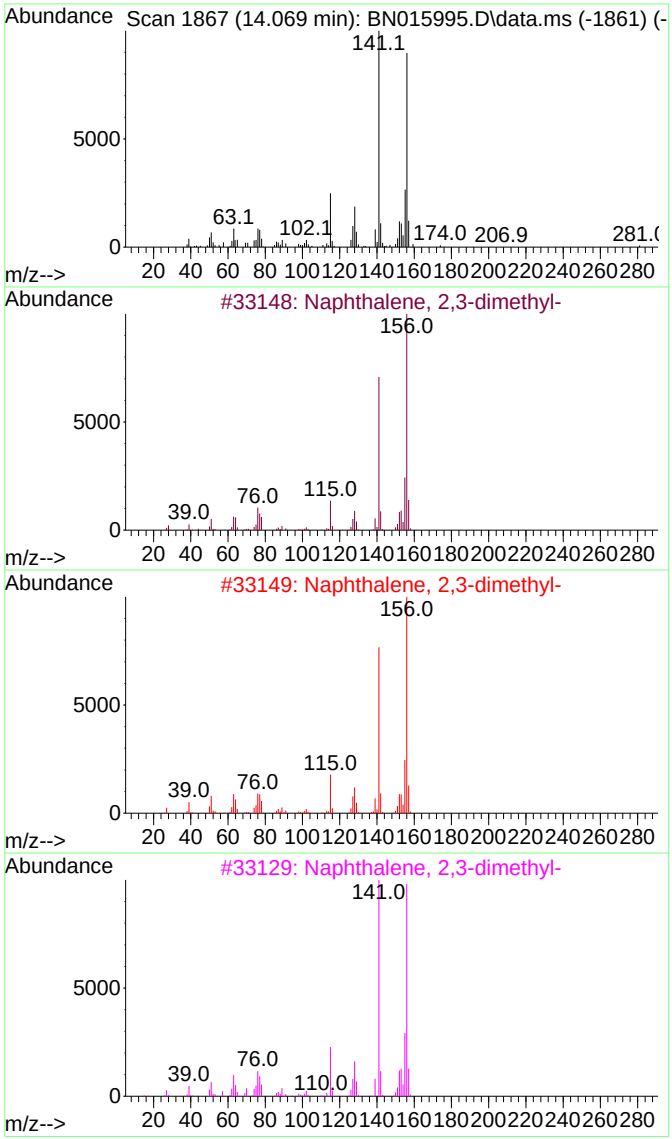
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

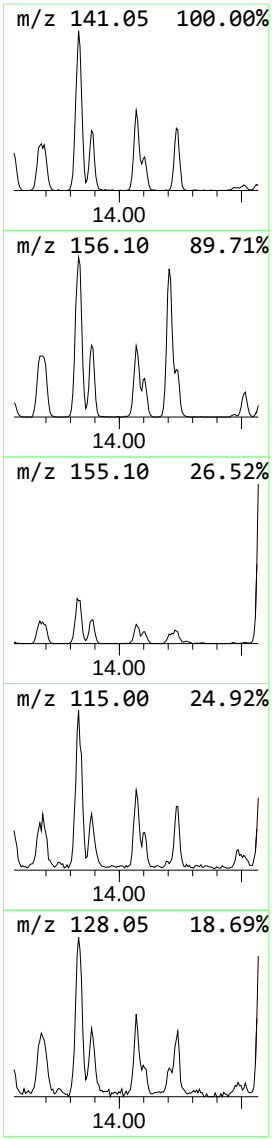
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	3.24 ng/ul	480960	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

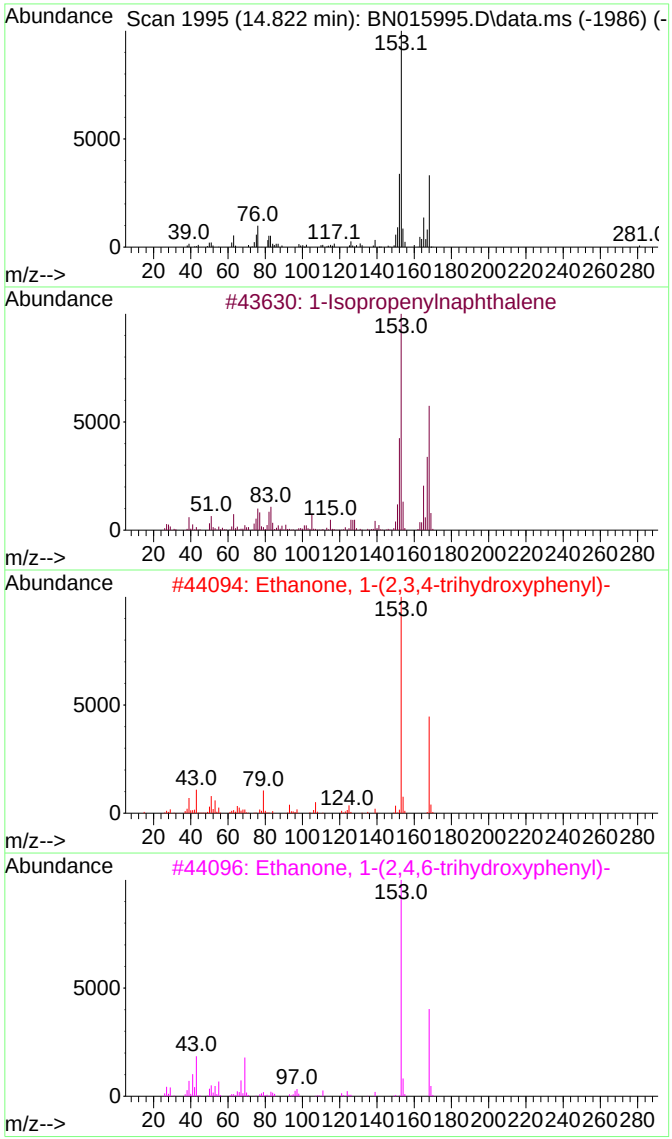
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

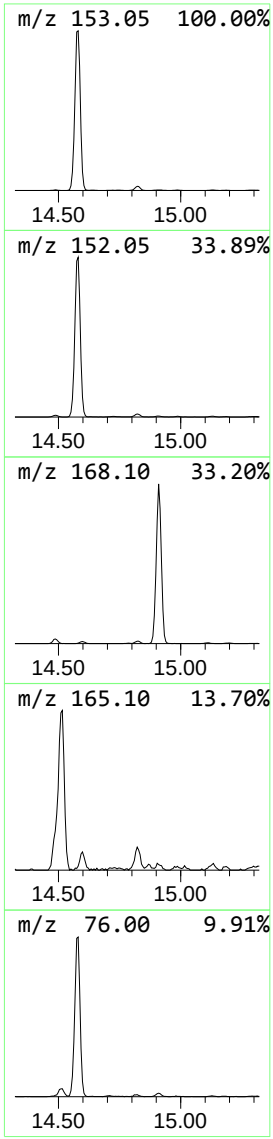
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	2.21 ng/ul	328271	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
2	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	46
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	43
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	42





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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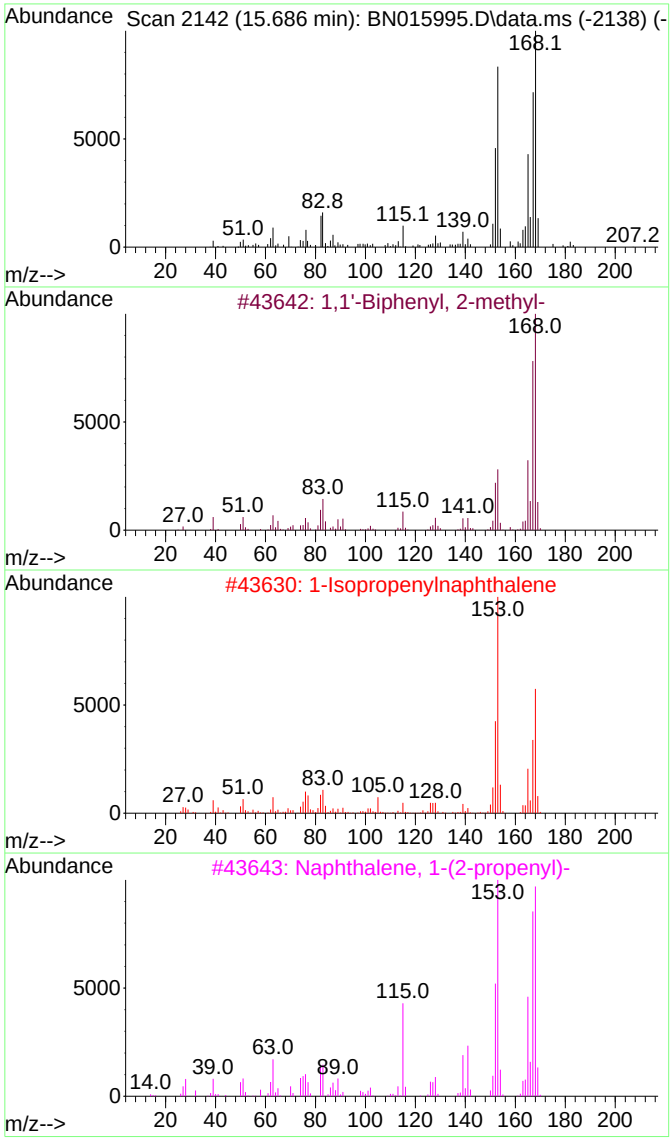
Quant Title : SVOA CALIBRATION

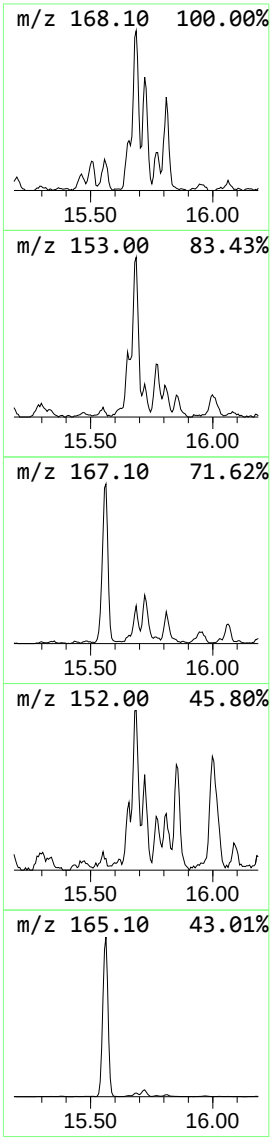
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	3.61 ng/ul	535935	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	68





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

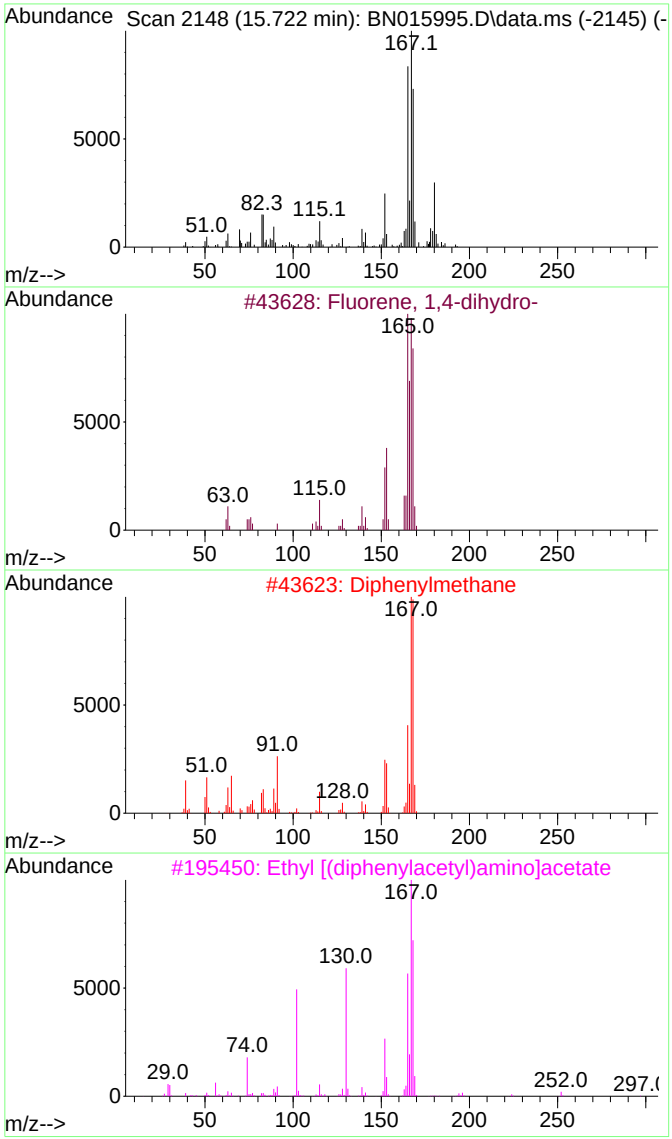
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

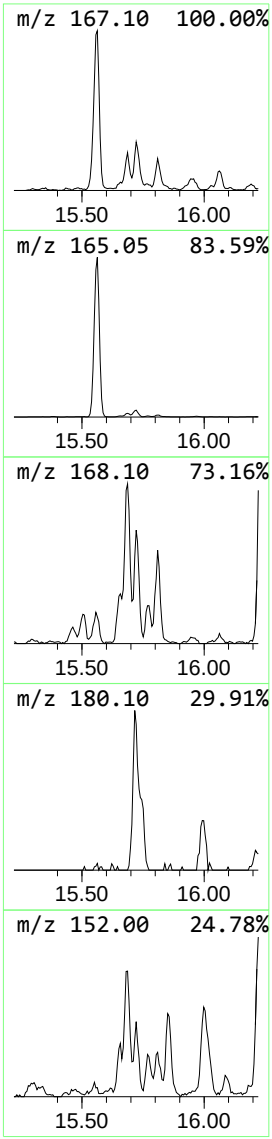
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Fluorene, 1,4-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	3.42 ng/ul	507087	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70
2	Diphenylmethane	168	C13H12	000101-81-5	64
3	Ethyl [(diphenylacetyl)amino]ace...	297	C18H19NO3	006325-31-1	53
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	46
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

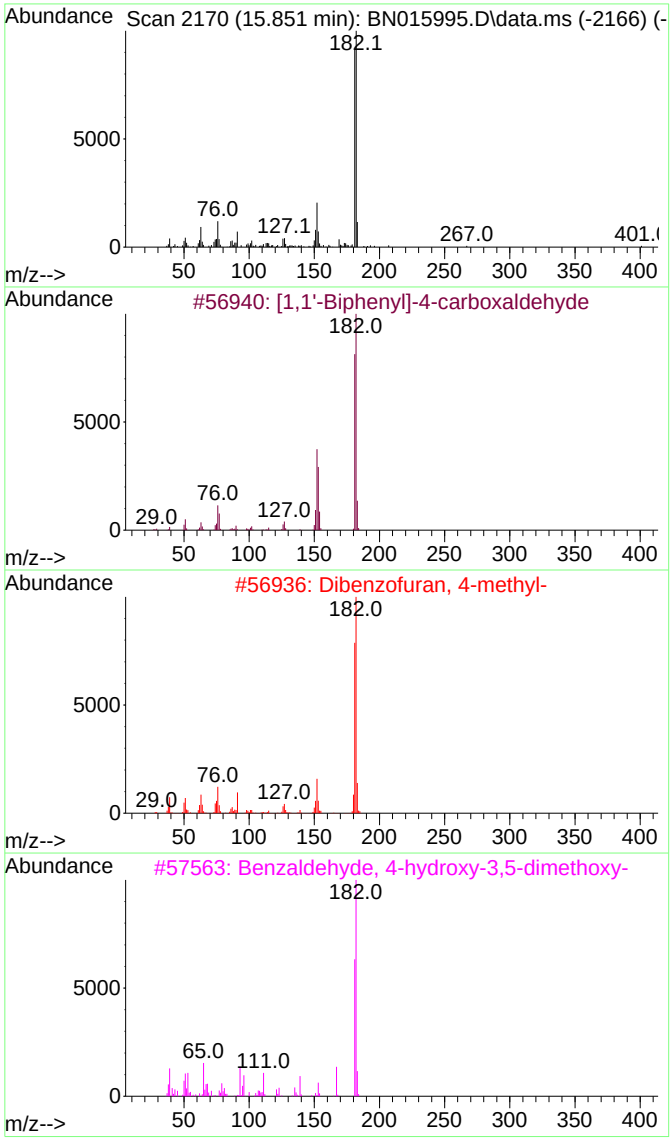
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

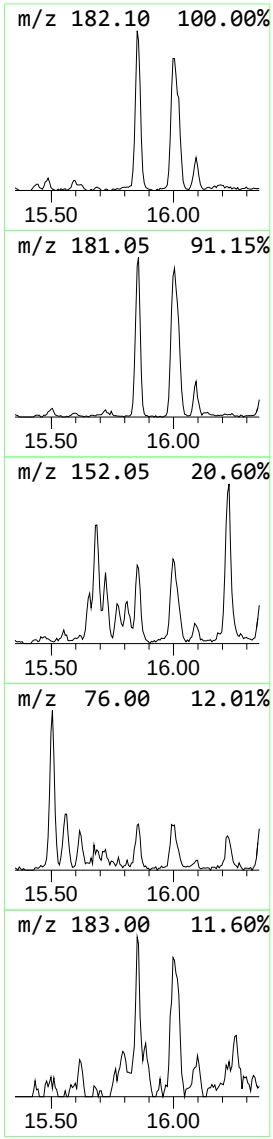
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	3.29 ng/ul	487890	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
4	9H-Xanthene	182	C13H10O	000092-83-1	64
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	59





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Quant Title : SVOA CALIBRATION

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

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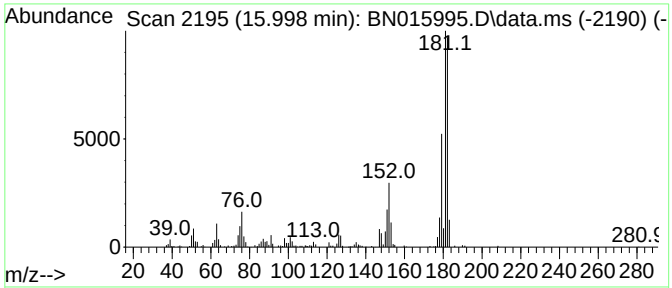
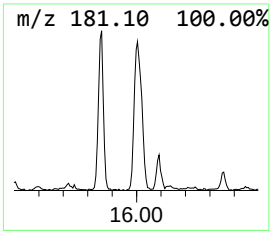
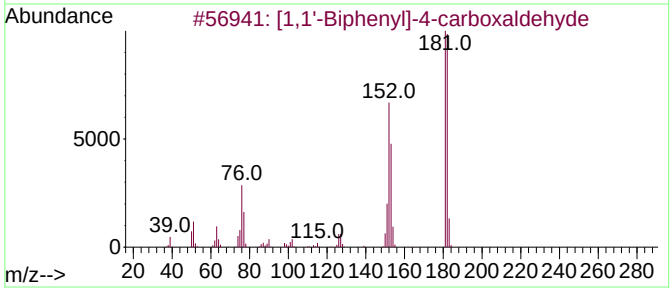
Peak Number 14 9H-Fluoren-9-ol Concentration Rank 11

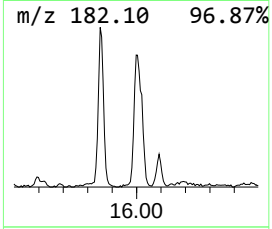
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	3.96 ng/ul	644484	Phenanthrene-d10	17.257

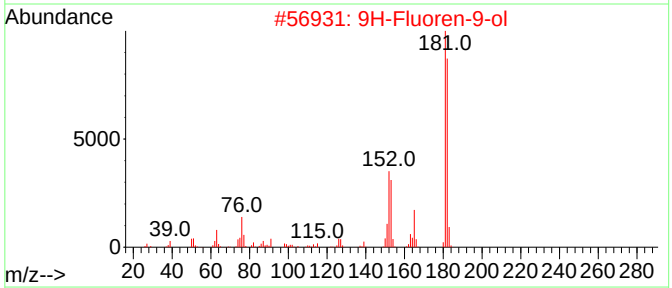
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64

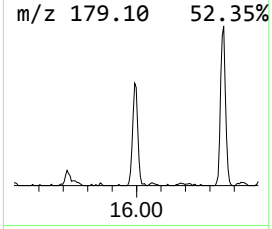


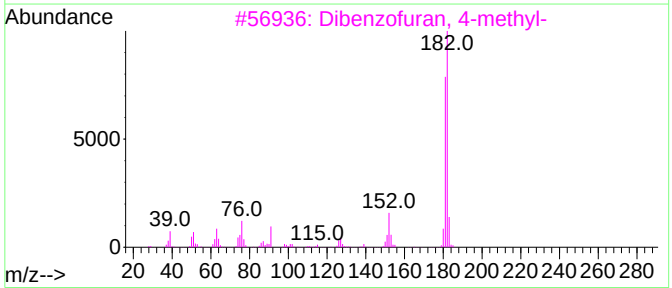


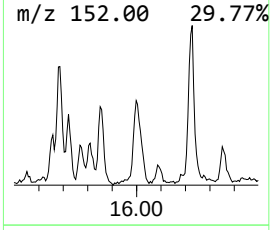


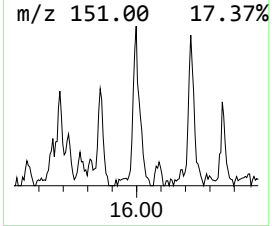












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Quant Title : SVOA CALIBRATION

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

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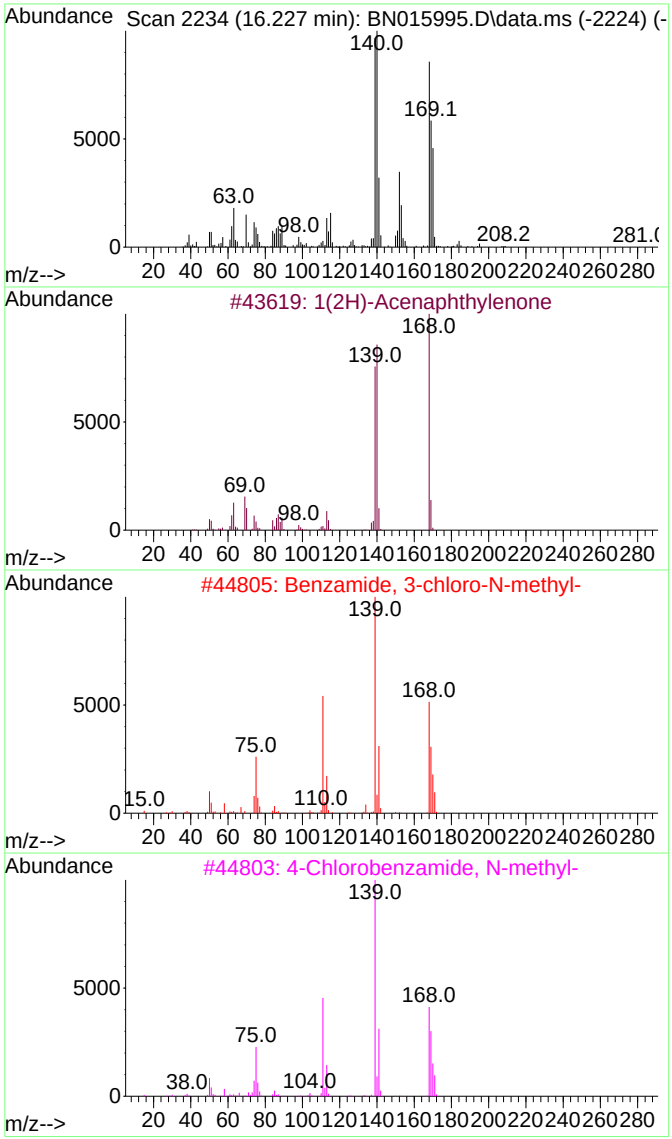
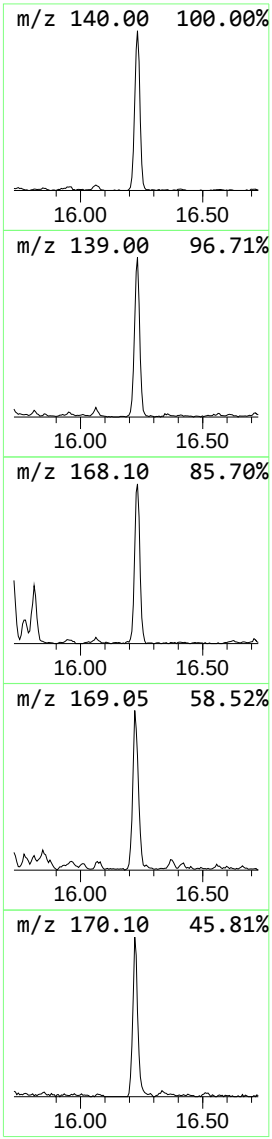
Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	8.47 ng/ul	1378970	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2	Benzamide, 3-chloro-N-methyl-	169	C8H8ClNO	1000407-97-1	47
3	4-Chlorobenzamide, N-methyl-	169	C8H8ClNO	1000407-04-7	43
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	38
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38





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Acq On : 20 Aug 2021 20:50
Operator : CG/JU
Sample : M3448-06
Misc :
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Instrument : BNA_N
ClientSampleId : DBKE5

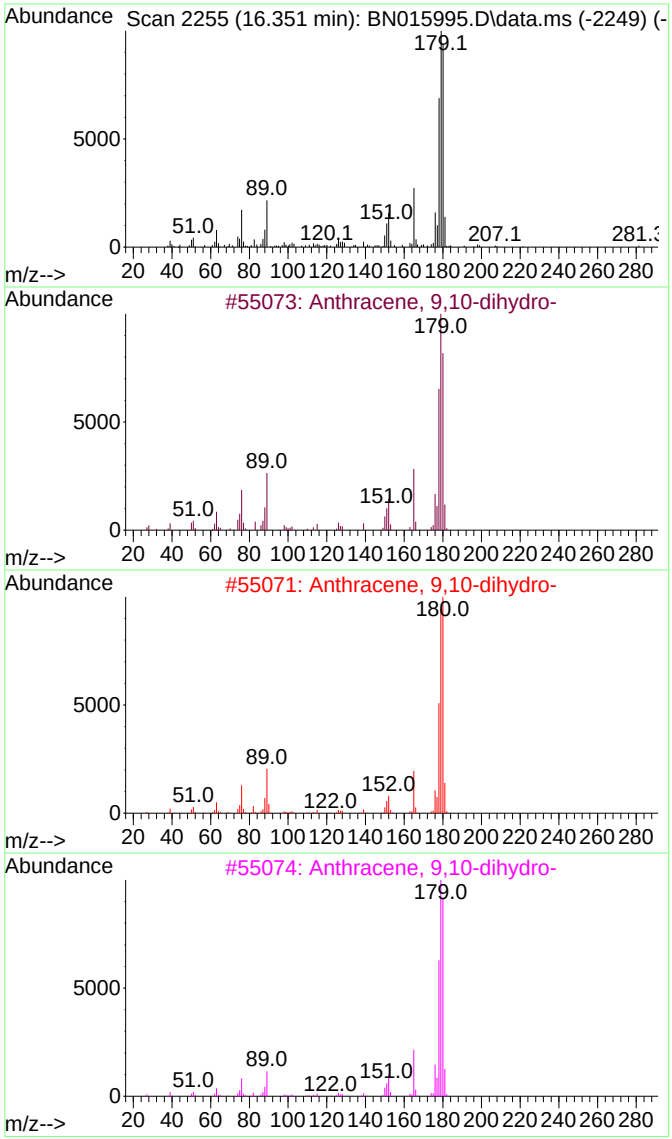
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

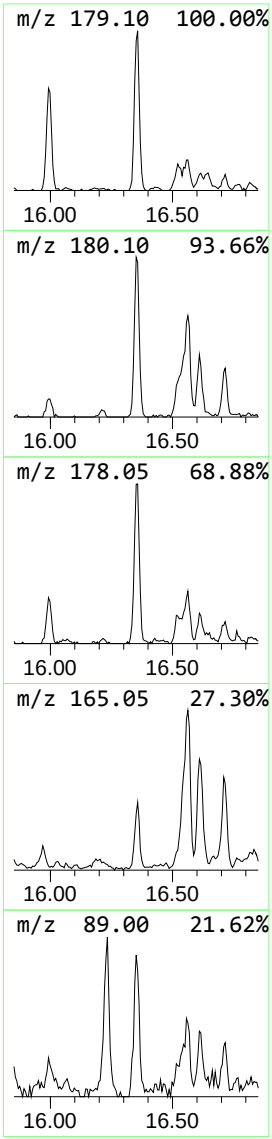
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 9,10-dihydro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	2.57 ng/ul	418782	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	98
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	92





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

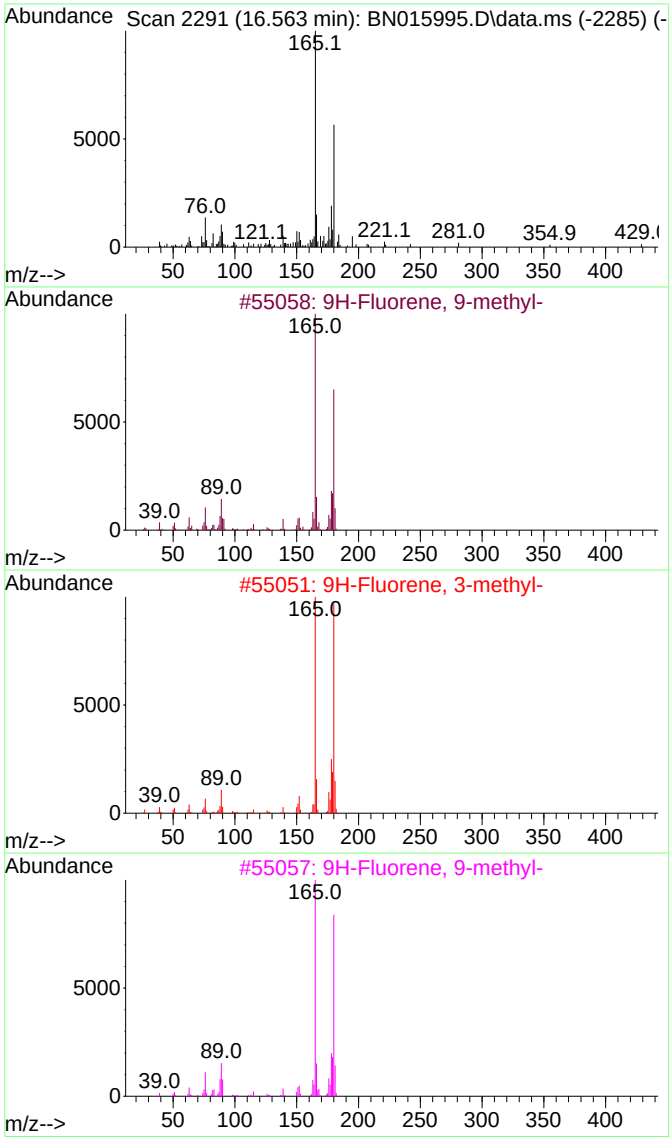
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

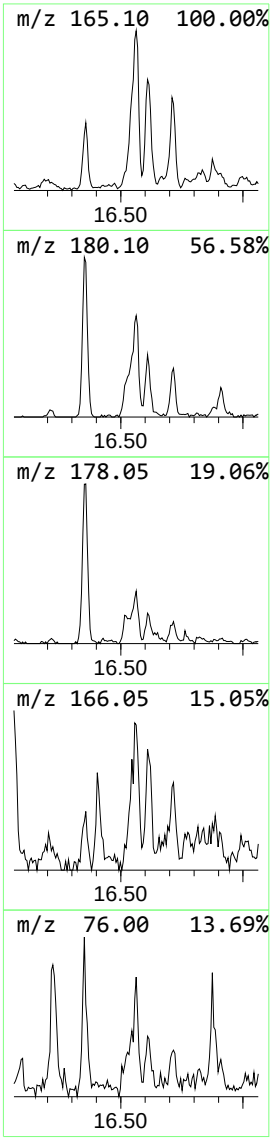
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluorene, 9-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	2.17 ng/ul	353362	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
5	Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	53





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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Quant Title : SVOA CALIBRATION

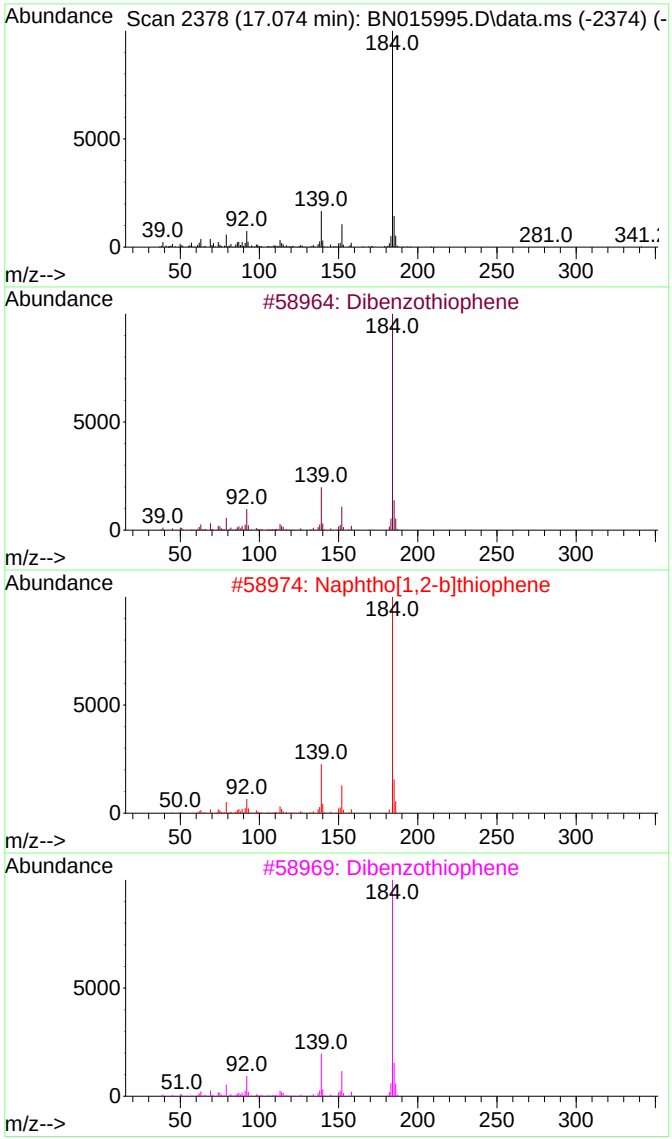
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

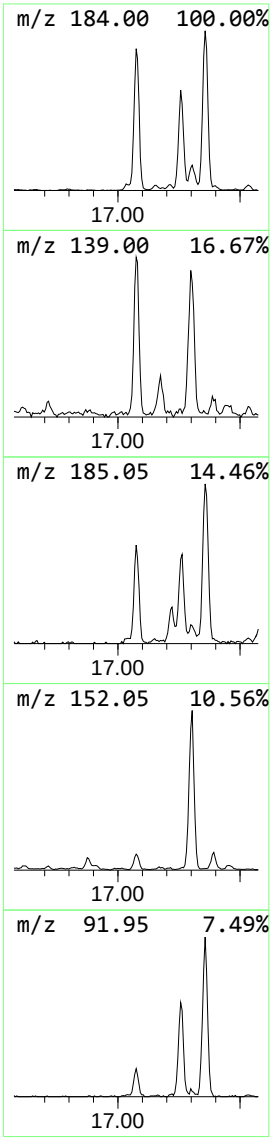
****

Peak Number 18 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.074	4.06 ng/ul	660872	Phenanthrene-d10	17.257

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





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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

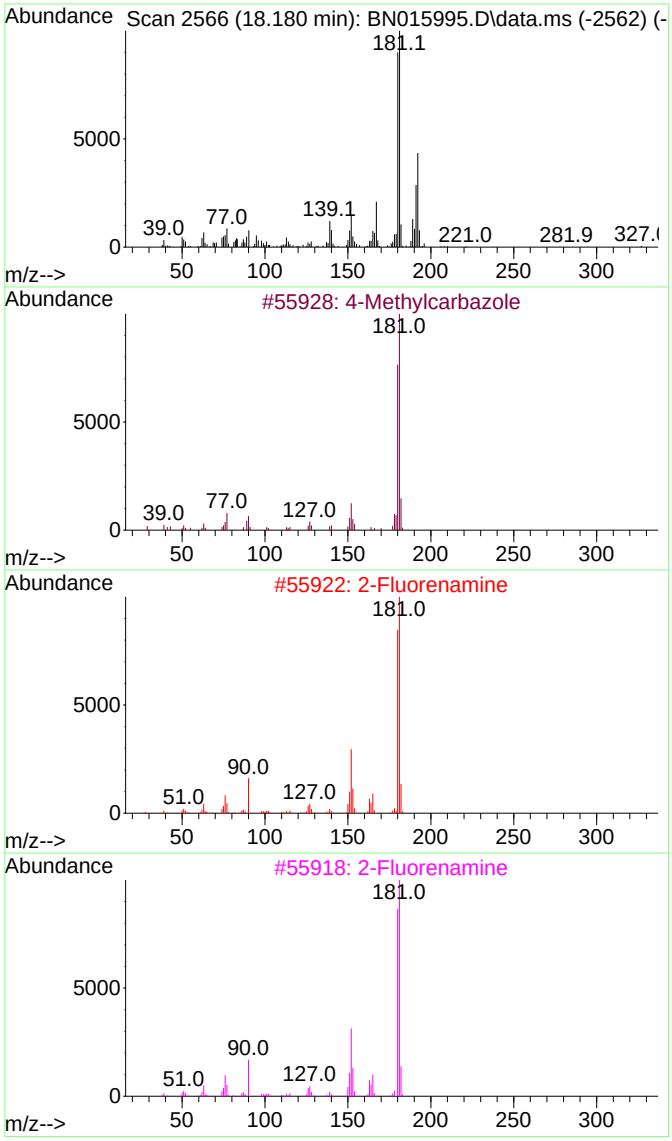
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

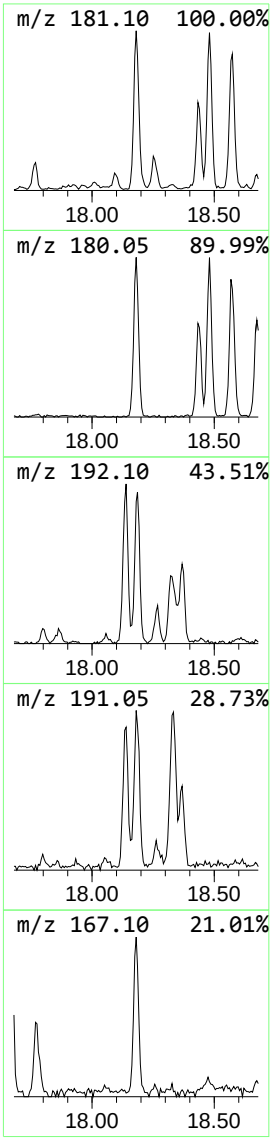
****

Peak Number 19 4-Methylcarbazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	3.60 ng/ul	586827	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	78
2	2-Fluorenamine	181	C13H11N	000153-78-6	60
3	2-Fluorenamine	181	C13H11N	000153-78-6	60
4	2-Fluorenamine	181	C13H11N	000153-78-6	60
5	3-Methylcarbazole	181	C13H11N	004630-20-0	60





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
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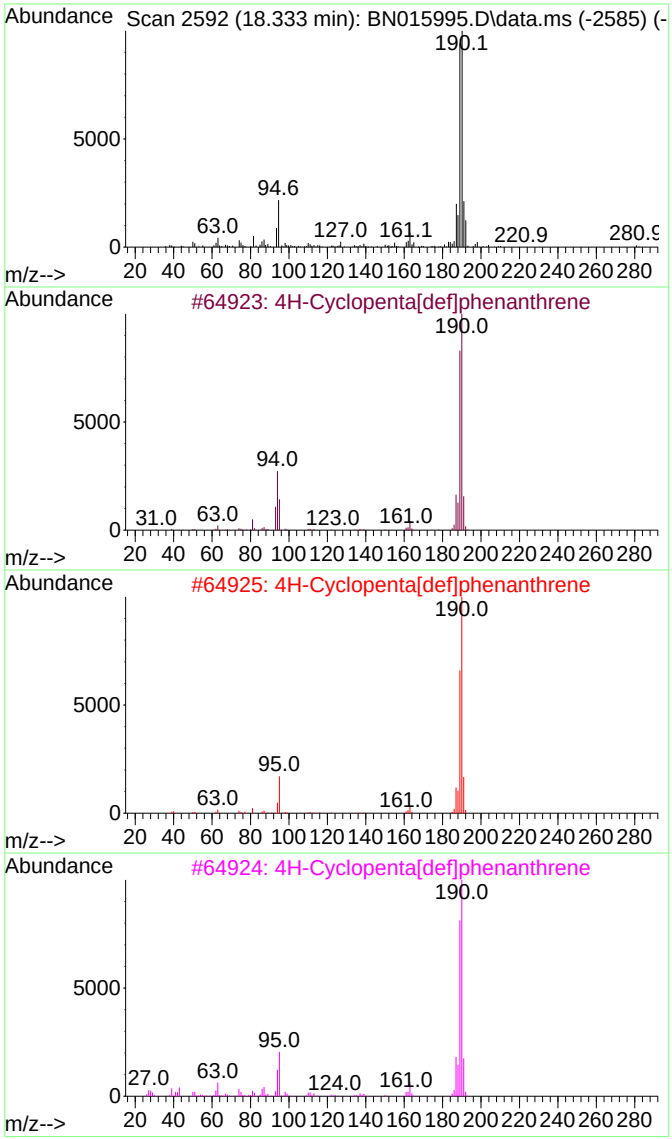
Quant Title : SVOA CALIBRATION

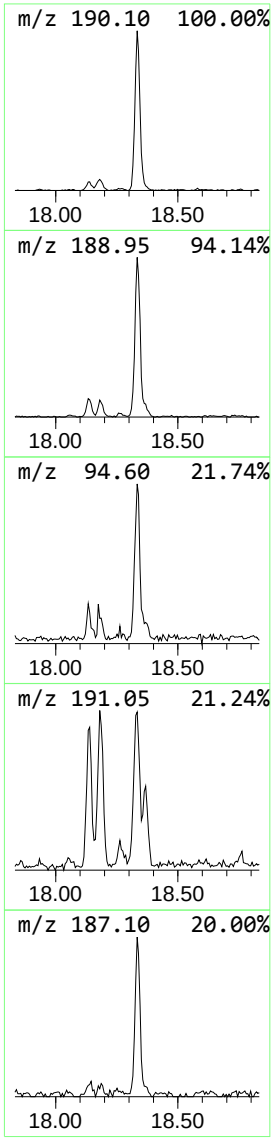
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	4.58 ng/ul	746662	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

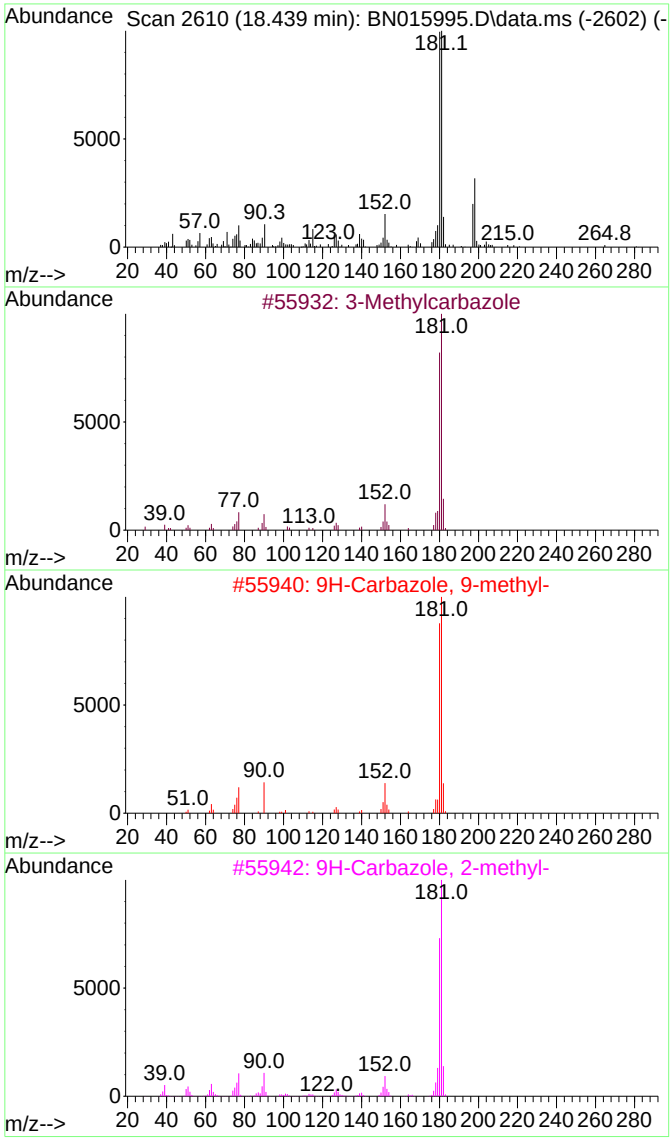
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

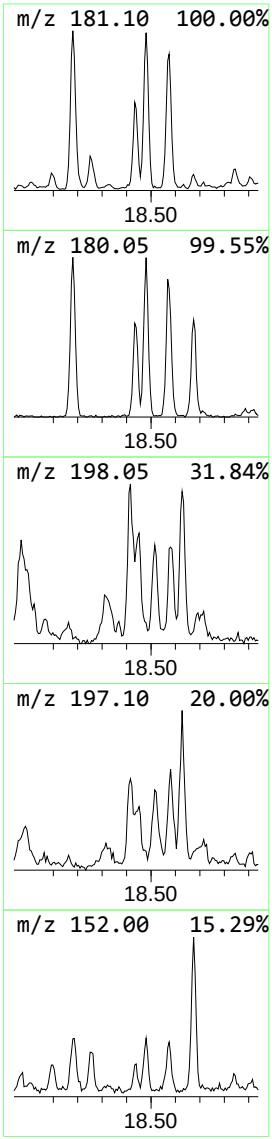
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 3-Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	2.93 ng/ul	477001	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	96
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	93
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90
5	4-Methylcarbazole	181	C13H11N	003770-48-7	90





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

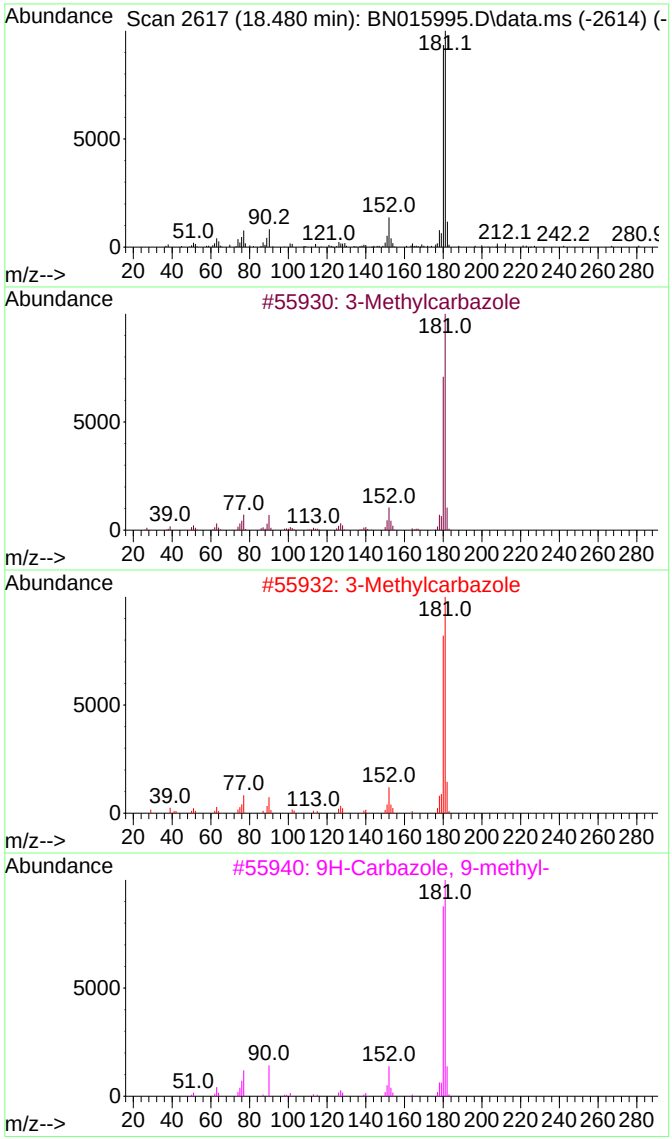
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

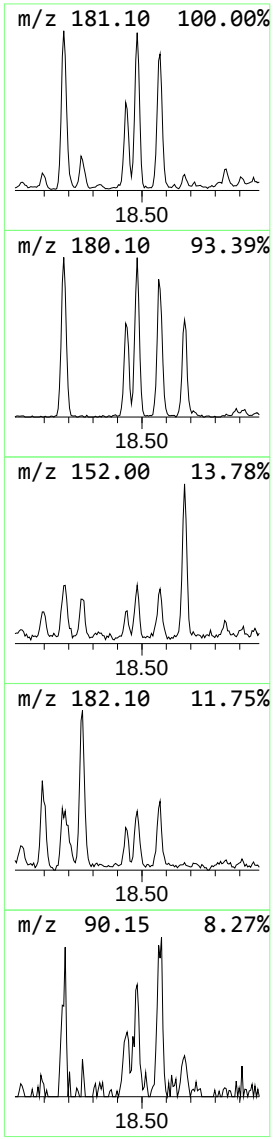
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9H-Carbazole, 9-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	2.17 ng/ul	353507	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	94
2	3-Methylcarbazole	181	C13H11N	004630-20-0	94
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	93
4	3-Methylcarbazole	181	C13H11N	004630-20-0	91
5	1-Aminofluorene	181	C13H11N	006344-63-4	90





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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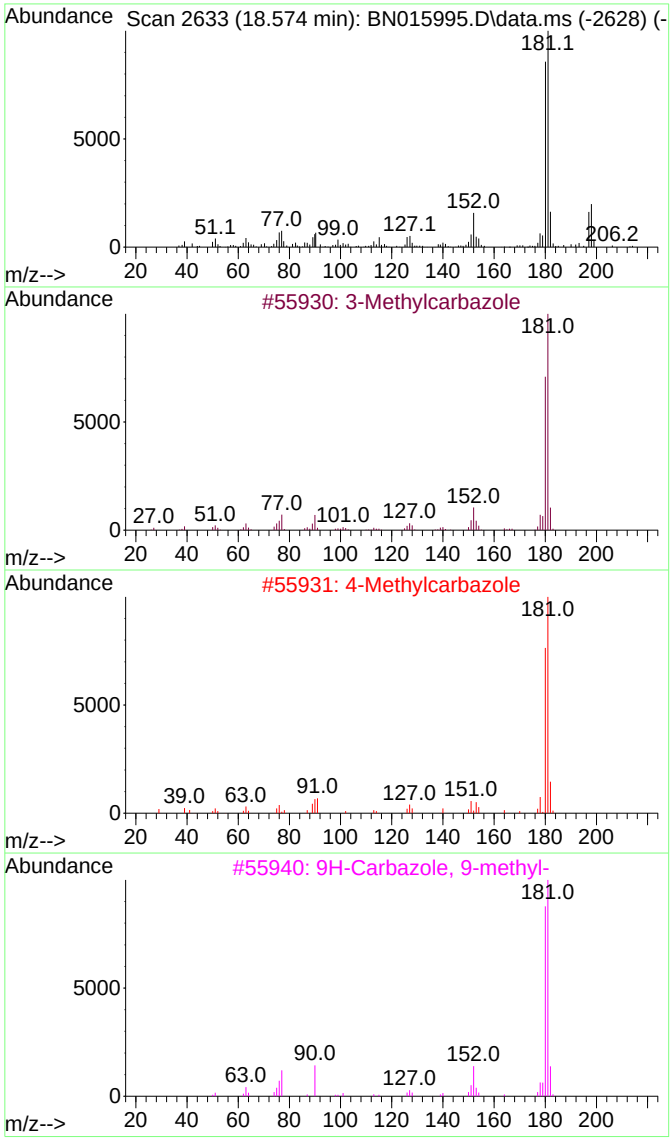
Quant Title : SVOA CALIBRATION

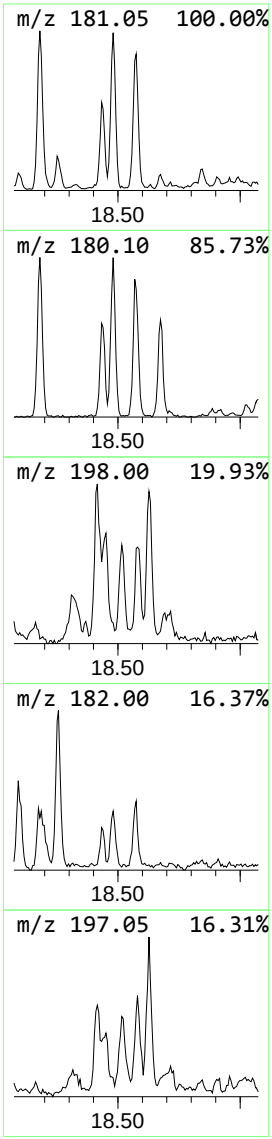
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	2.64 ng/ul	429936	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	95
2	4-Methylcarbazole	181	C13H11N	003770-48-7	95
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
4	4-Methylcarbazole	181	C13H11N	003770-48-7	94
5	3-Methylcarbazole	181	C13H11N	004630-20-0	90





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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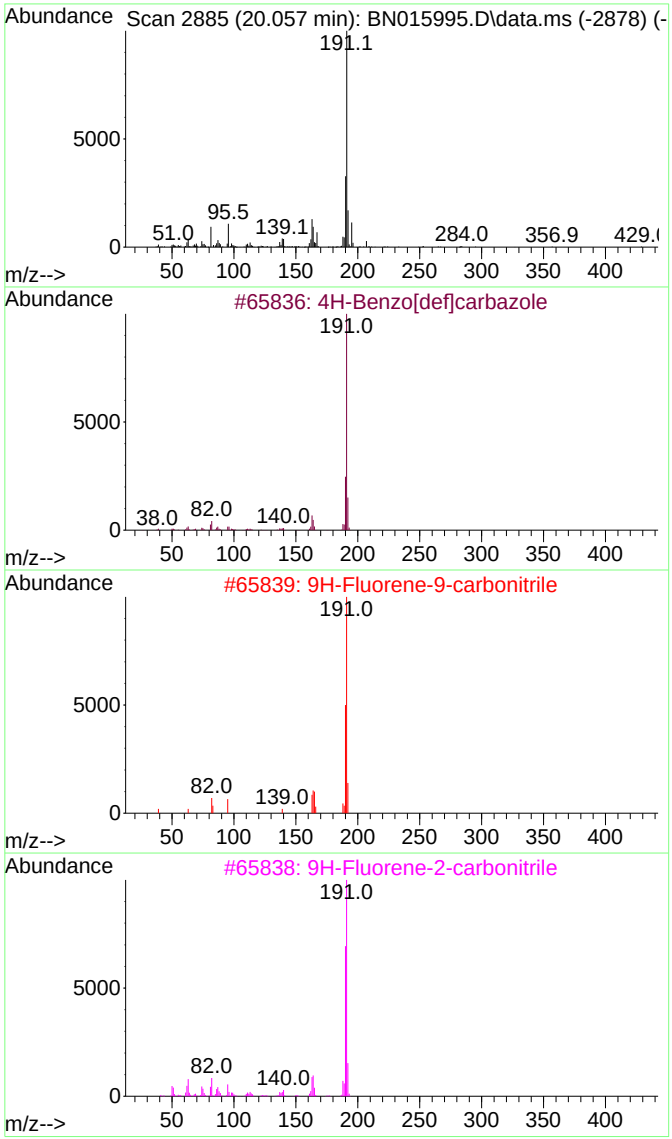
Quant Title : SVOA CALIBRATION

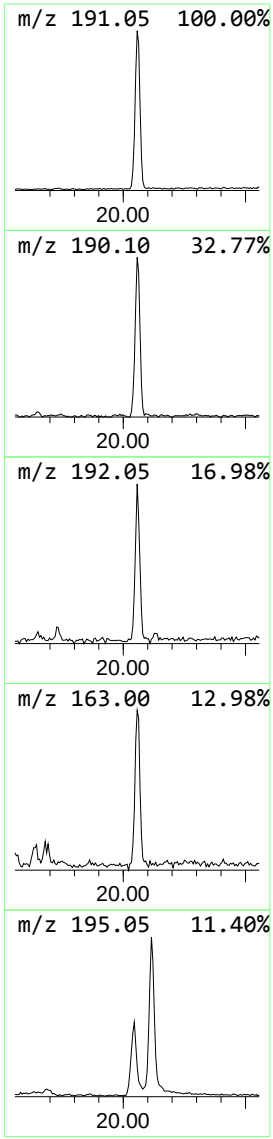
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 4H-Benzo[def]carbazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	4.75 ng/ul	857066	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	93
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	72
3	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	62
4	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	45
5	1,2,3,6-Tetrahydropyridine, 4-[4...	191	C11H13NO2	090684-17-6	42





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Misc :
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Instrument : BNA_N
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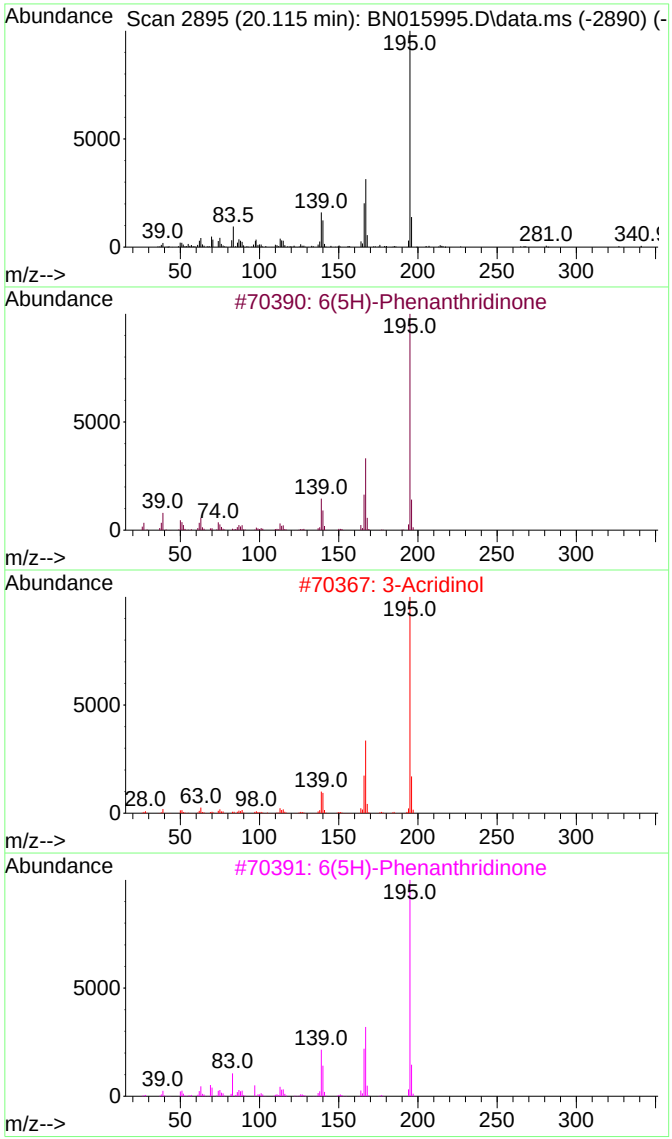
Quant Title : SVOA CALIBRATION

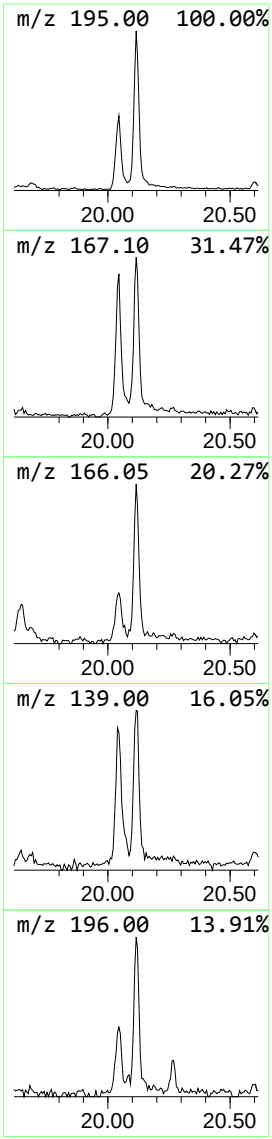
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 6(5H)-Phenanthridinone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	2.51 ng/ul	453117	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	3-Acridinol	195	C13H9NO	007132-70-9	95
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





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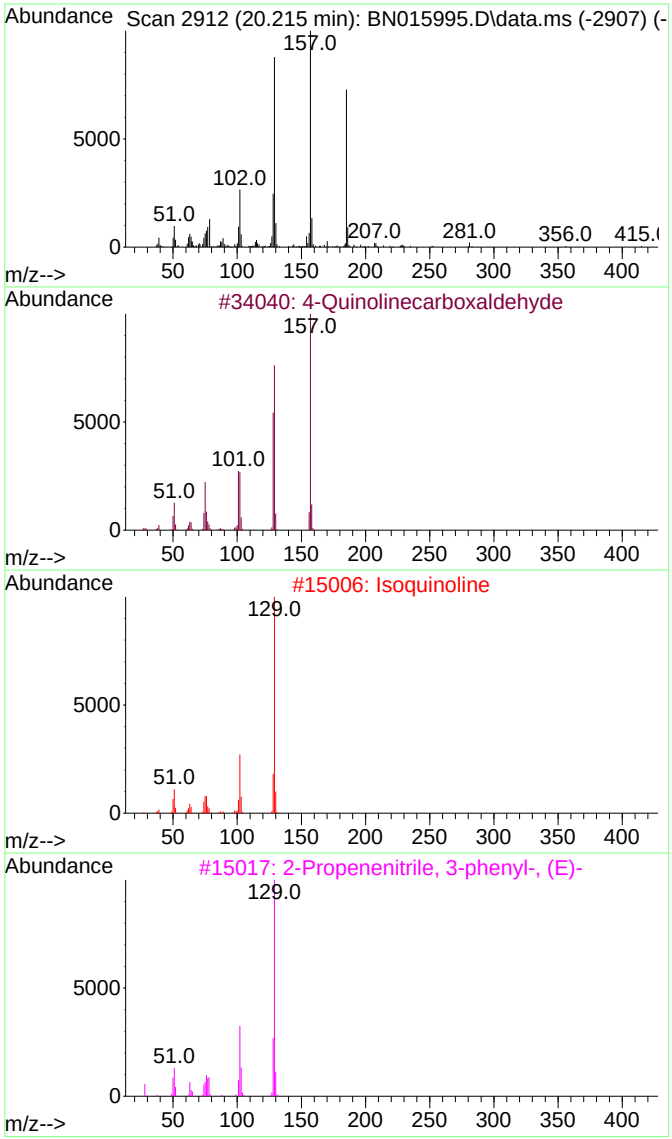
Quant Title : SVOA CALIBRATION

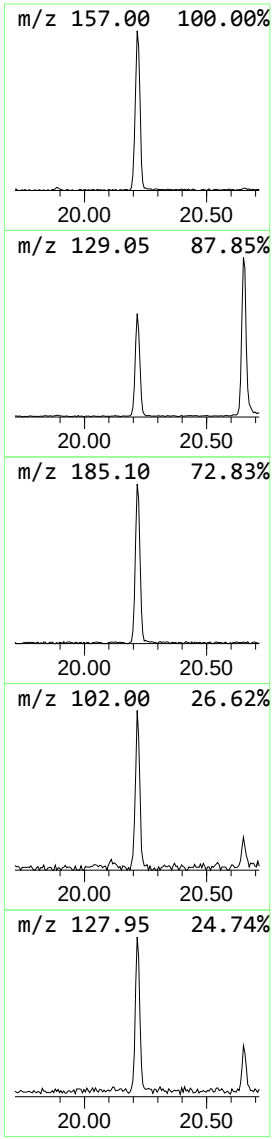
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 4-Quinolinecarboxaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.215	3.33 ng/ul	600192	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Quinolinecarboxaldehyde	157	C10H7NO	004363-93-3	86
2	Isoquinoline	129	C9H7N	000119-65-3	83
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
4	Quinoline	129	C9H7N	000091-22-5	50
5	Quinoline	129	C9H7N	000091-22-5	46





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Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

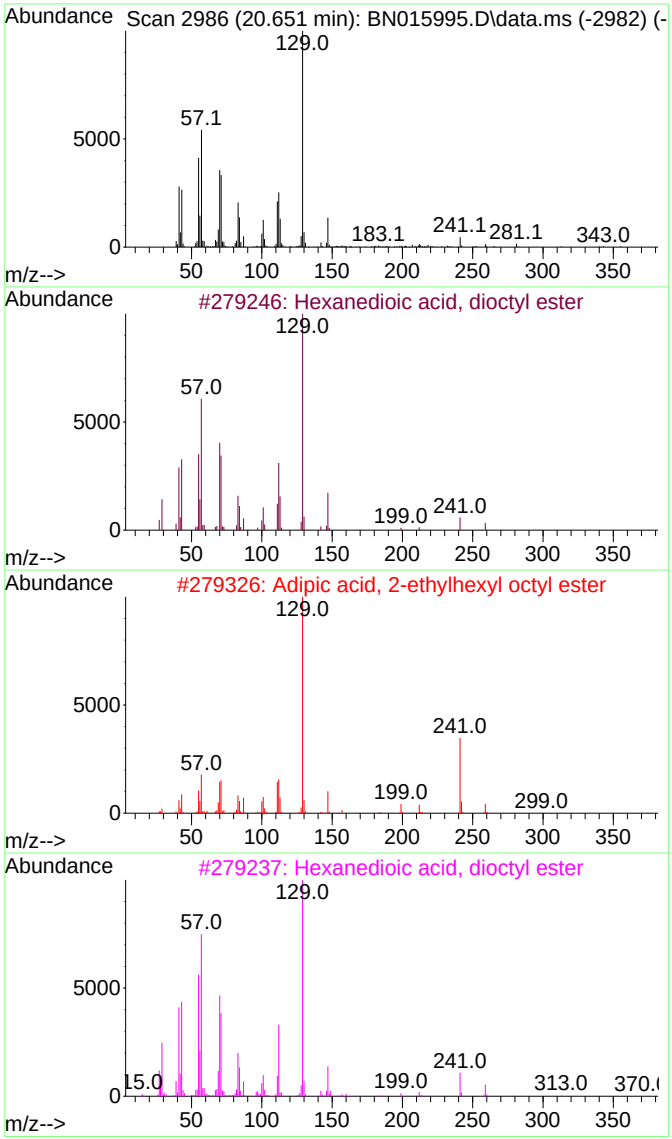
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

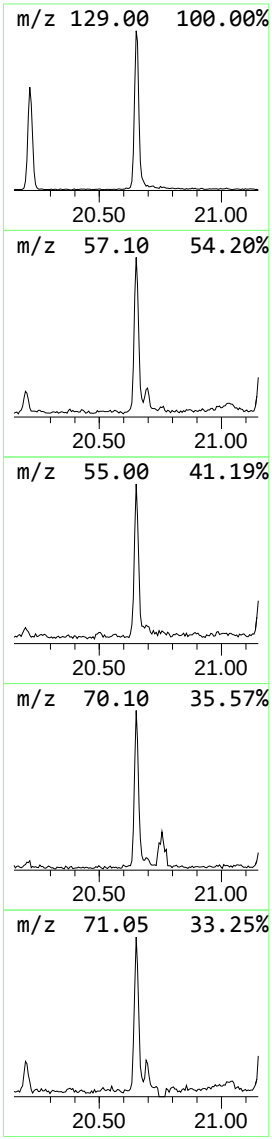
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Hexanedioic acid, dioctyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.651	4.59 ng/ul	828490	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	83





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Data File : BN015995.D
Acq On : 20 Aug 2021 20:50
Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBKE5

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

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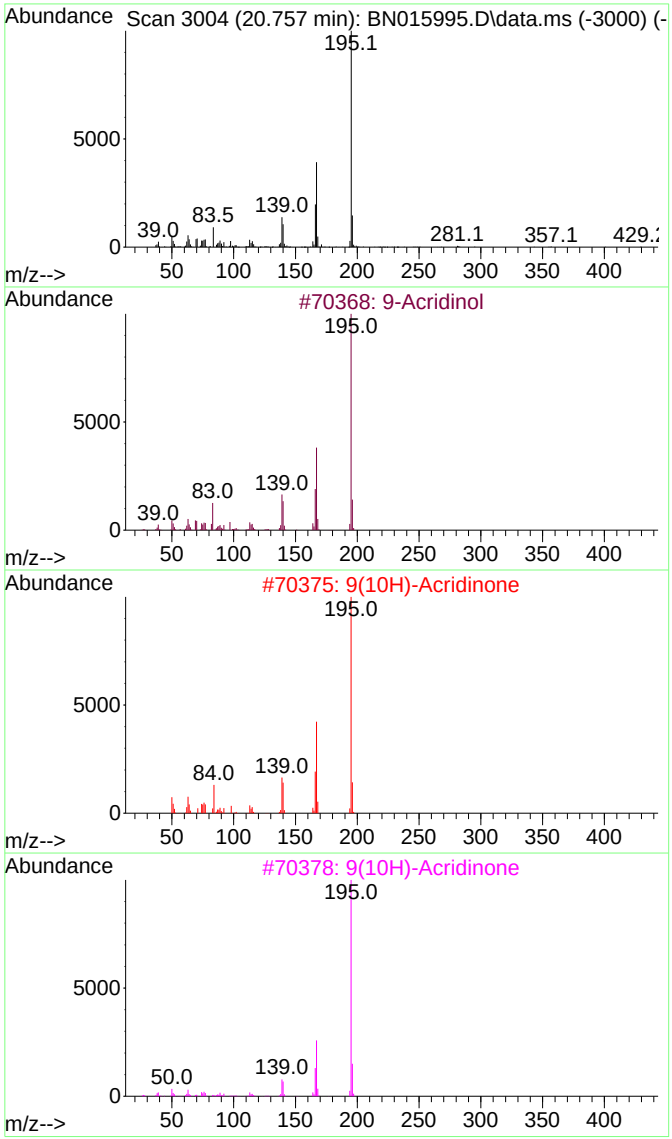
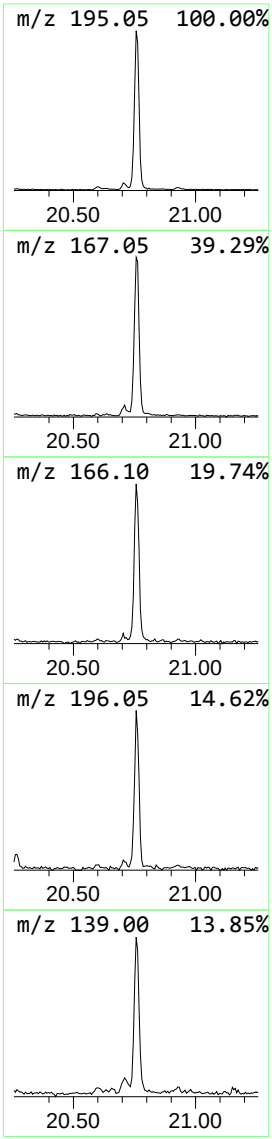
Peak Number 28 9-Acridinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.757	7.71 ng/ul	1391460	Chrysene-d12	21.439

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN015995.D
Acq On : 20 Aug 2021 20:50
Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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

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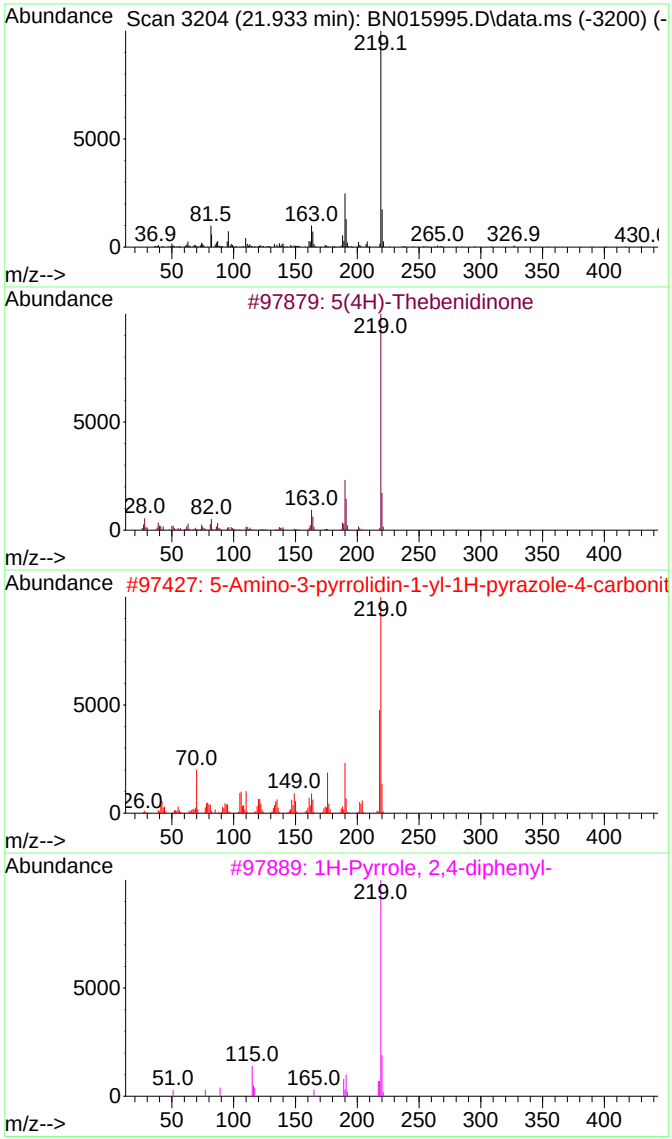
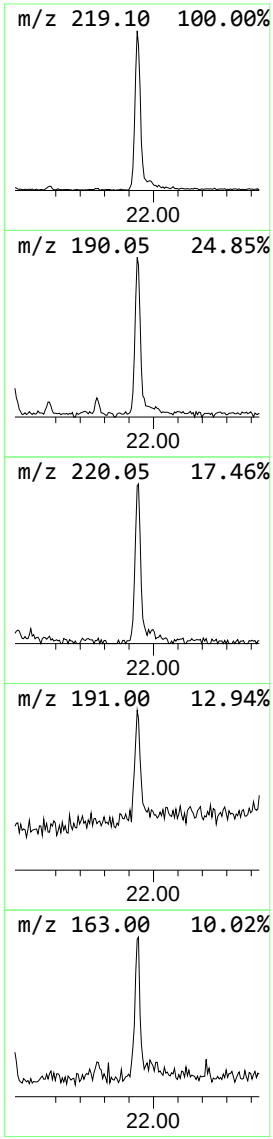
Peak Number 29 5(4H)-Thebenidinone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.933	2.58 ng/ul	465345	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(4H)-Thebenidinone	219	C15H9NO	064884-40-8	96
2	5-Amino-3-pyrrolidin-1-yl-1H-pyr...	219	C11H17N5	1000499-90-1	86
3	1H-Pyrrole, 2,4-diphenyl-	219	C16H13N	003274-56-4	53
4	14-Azatetracyclo[7.6.1.0(2,7).0(...	219	C15H9NO	042326-31-8	53
5	11H-Pyrido[3',2'-4,5]pyrrolo[3,2...	219	C14H9N3	1000212-49-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN015995.D
Acq On : 20 Aug 2021 20:50
Operator : CG/JU
Sample : M3448-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBKE5

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
Indane	8.251	19.2	ng/ul	1359450	1	7.875	1416880	20.0
1-Phenyl-1-butene	10.075	4.4	ng/ul	444969	2	10.675	2024600	20.0
Ethanol, 2-(2-b...	10.451	2.1	ng/ul	216213	2	10.675	2024600	20.0
1H-Inden-1-one,...	12.057	2.7	ng/ul	268974	2	10.675	2024600	20.0
Benzo[b]thiophe...	12.233	3.6	ng/ul	364367	2	10.675	2024600	20.0
Naphthalene, 2-...	13.569	2.4	ng/ul	357371	3	14.510	2965980	20.0
Naphthalene, 1,...	13.686	4.9	ng/ul	725872	3	14.510	2965980	20.0
Naphthalene, 2,...	13.833	7.7	ng/ul	1144430	3	14.510	2965980	20.0
Naphthalene, 1,...	14.069	3.2	ng/ul	480960	3	14.510	2965980	20.0
1-Isopropenylna...	14.822	2.2	ng/ul	328271	3	14.510	2965980	20.0
1,1'-Biphenyl, ...	15.686	3.6	ng/ul	535935	3	14.510	2965980	20.0
Fluorene, 1,4-d...	15.722	3.4	ng/ul	507087	3	14.510	2965980	20.0
[1,1'-Biphenyl]...	15.851	3.3	ng/ul	487890	3	14.510	2965980	20.0
9H-Fluoren-9-ol	15.998	4.0	ng/ul	644484	4	17.257	3257940	20.0
1(2H)-Acenaphth...	16.227	8.5	ng/ul	1378970	4	17.257	3257940	20.0
Anthracene, 9,1...	16.351	2.6	ng/ul	418782	4	17.257	3257940	20.0
9H-Fluorene, 9-...	16.563	2.2	ng/ul	353362	4	17.257	3257940	20.0
Dibenzothiophene	17.074	4.1	ng/ul	660872	4	17.257	3257940	20.0
4-Methylcarbazole	18.180	3.6	ng/ul	586827	4	17.257	3257940	20.0
4H-Cyclopenta[d...	18.333	4.6	ng/ul	746662	4	17.257	3257940	20.0
3-Methylcarbazole	18.439	2.9	ng/ul	477001	4	17.257	3257940	20.0
9H-Carbazole, 9...	18.480	2.2	ng/ul	353507	4	17.257	3257940	20.0
unknown-01	18.574	2.6	ng/ul	429936	4	17.257	3257940	20.0
4H-Benzo[def]ca...	20.057	4.8	ng/ul	857066	5	21.439	3609970	20.0
6(5H)-Phenanthr...	20.116	2.5	ng/ul	453117	5	21.439	3609970	20.0
4-Quinolinecarb...	20.215	3.3	ng/ul	600192	5	21.439	3609970	20.0
Hexanedioic aci...	20.651	4.6	ng/ul	828490	5	21.439	3609970	20.0
9-Acridinol	20.757	7.7	ng/ul	1391460	5	21.439	3609970	20.0
5(4H)-Thebenidi...	21.933	2.6	ng/ul	465345	5	21.439	3609970	20.0