LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE1

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_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM031967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.534	73	76	89	rBV	69348	150080	1.86%	0.197%
2	6.704	610	615	629	rVB	67392	119550	1.48%	0.157%
3	6.869	636	643	660	rBV	250763	427250	5.30%	0.562%
4	7.045	667	673	682	rBV	278221	449047	5.57%	0.590%
5	7.510	743	752	760	rBV	298867	479845	5.95%	0.631%
6	8.034	835	841	850	rVB	41403	66345	0.82%	0.087%
7	8.222	865	873	883	rBV	231704	374483	4.64%	0.492%
8	8.657	941	947	961	rBV	385323	654439	8.12%	0.860%
9	8.969	986	1000	1005	rVV2	32005	69778	0.87%	0.092%
10	9.369	1061	1068	1080	rBV	337565	541412	6.71%	0.712%
11	9.669	1112	1119	1129	rBV4	51629	113846	1.41%	0.150%
12	9.898	1150	1158	1169	rBV	483126	840978	10.43%	1.105%
13	10.269	1214	1221	1224	rBV	407057	748937	9.29%	0.984%
14	10.322	1224	1230	1237	rVV	4971576	8063118	100.00%	10.598%
15	10.428	1241	1248	1260	rVV2	708357	1456100	18.06%	1.914%
16	11.827	1480	1486	1496	rBV2	68252	127305	1.58%	0.167%
17	11.933	1499	1504	1510	rVB2	31021	50894	0.63%	0.067%
18	12.157	1530	1542	1553	rVV	1567917	2531669	31.40%	3.328%
19	12.969	1674	1680	1687	rBV	555343	835628	10.36%	1.098%
20	13.169	1708	1714	1717	rBV	103427	177355	2.20%	0.233%
21	13.321	1727	1740	1747	rBV3	149185	383441	4.76%	0.504%
22	13.463	1756	1764	1769	rVV	338702	623990	7.74%	0.820%
23	13.516	1769	1773	1777	rVV	200255	300565	3.73%	0.395%
24	13.574	1777	1783	1792	rVB	1196099	1691142	20.97%	2.223%
25	13.704	1797	1805	1808	rBV	153638	252456	3.13%	0.332%
26	13.733	1808	1810	1816	rVB	62508	77117	0.96%	0.101%
27	13.839	1821	1828	1832	rBV	1212066	1969150	24.42%	2.588%
28	14.145	1870	1880	1886	rBV2	768735	1334171	16.55%	1.754%
29	14.216	1886	1892	1900	rVB	2999049	4267040	52.92%	5.609%
30	14.292	1900	1905	1911	rVB	377784	550004	6.82%	0.723%
31	14.363	1911	1917	1919	rBV5	40327	71654	0.89%	0.094%
32	14.392	1919	1922	1928	rVB2	61819	94568	1.17%	0.124%
33	14.463	1929	1934	1939	rVB3	52063	89447	1.11%	0.118%
34	14.551	1939	1949	1954	rBV	1810174	2592706	32.16%	3.408%
35	14.657	1959	1967	1970	rVV2	85855	166961	2.07%	0.219%
36	14.704	1970	1975	1981	rVB	364335	505281	6.27%	0.664%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE1

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_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

37	14.786	1981	1989	1993	rBV3	145996	252769	3.13%	0.332%
38	14.827	1993	1996	2002	rVB2	38070	58492	0.73%	0.077%
39	15.110	2038	2044	2045	rBV4	29656	46848	0.58%	0.062%
40	15.151	2045	2051	2056	rVV	1797430	2587921	32.10%	3.402%
41	15.210	2056	2061	2067	rVV	2066666	2914876	36.15%	3.831%
42	15.298	2070	2076	2080	rVV	684357	1022119	12.68%	1.343%
43	15.327	2080	2081	2085	rVV2	119543	154987	1.92%	0.204%
44	15.363	2085	2087	2093	rVV4	89427	169544	2.10%	0.223%
45	15.415	2093	2096	2097	rVV2	39788	51355	0.64%	0.068%
46	15.451	2097	2102	2107	rVV4	86241	198321	2.46%	0.261%
47	15.504	2107	2111	2118	rVB2	126713	184070	2.28%	0.242%
48	15.615	2118	2130	2132	rBV	35848	65925	0.82%	0.087%
49	15.651	2132	2136	2147	rVV2	158022	330206	4.10%	0.434%
50	15.892	2171	2177	2183	rBV2	274835	466410	5.78%	0.613%
51	16.198	2221	2229	2230	rBV4	55309	99865	1.24%	0.131%
52	16.262	2236	2240	2252	rVB4	41049	90262	1.12%	0.119%
53	16.562	2281	2291	2300	rBV2	2095522	3006497	37.29%	3.952%
54	16.721	2310	2318	2324	rBV	191436	287015	3.56%	0.377%
55	16.904	2341	2349	2353	rBV	1123147	1702164	21.11%	2.237%
56	16.951	2353	2357	2361	rVB	2287787	3014891	37.39%	3.963%
57	17.004	2361	2366	2371	rBV	2191201	3149977	39.07%	4.140%
58	17.109	2379	2384	2389	rVB4	49186	81035	1.01%	0.107%
59	17.321	2411	2420	2426	rBV	3197223	4657906	57.77%	6.122%
60	17.421	2432	2437	2442	rBV8	19522	46192	0.57%	0.061%
61	17.486	2444	2448	2451	rBV	49977	68646	0.85%	0.090%
62	17.574	2460	2463	2467	rVV2	38968	55752	0.69%	0.073%
63	17.627	2467	2472	2476	rVB2	95465	149697	1.86%	0.197%
64	17.751	2490	2493	2495	rBV	40163	49351	0.61%	0.065%
65	17.780	2495	2498	2501	rVB	46961	57099	0.71%	0.075%
66	17.827	2501	2506	2511	rBV2	509575	785060	9.74%	1.032%
67	17.974	2526	2531	2536	rBV	137690	207906	2.58%	0.273%
68	18.092	2544	2551	2555	rBV2	163799	283608	3.52%	0.373%
69	18.139	2555	2559	2563	rVV	217016	307885	3.82%	0.405%
70	18.180	2563	2566	2570	rVV4	40595	62952	0.78%	0.083%
71	18.233	2570	2575	2581	rVV2	167666	289311	3.59%	0.380%
72	18.292	2581	2585	2589	rVV2	64172	102427	1.27%	0.135%
73	18.339	2589	2593	2597	rVV	141775	202721	2.51%	0.266%
74	18.386	2597	2601	2608	rVB7	30487	54093	0.67%	0.071%
75	18.509	2618	2622	2625	rVV	35332	53183	0.66%	0.070%
76	18.627	2637	2642	2646	rBV2	36347	55052	0.68%	0.072%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE1

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_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

77	18.686	2646	2652	2658	rVB7	25550	57875	0.72%	0.076%
78	18.868	2679	2683	2688	rVB6	36446	69571	0.86%	0.091%
79	18.939	2688	2695	2696	rBV3	43048	62956	0.78%	0.083%
80	18.968	2696	2700	2709	rVV	209520	326861	4.05%	0.430%
81	19.115	2720	2725	2733	rBV	139835	216898	2.69%	0.285%
82	19.192	2734	2738	2745	rVB5	47465	81205	1.01%	0.107%
83	19.309	2752	2758	2766	rBV	2904728	3911171	48.51%	5.141%
84	19.374	2766	2769	2781	rVB2	74212	138943	1.72%	0.183%
85	19.727	2825	2829	2837	rBV2	169227	261807	3.25%	0.344%
86	19.803	2837	2842	2850	rVV	308783	443092	5.50%	0.582%
87	19.880	2851	2855	2860	rVB2	50739	63865	0.79%	0.084%
88	20.374	2936	2939	2942	rVV	85350	84823	1.05%	0.111%
89	20.415	2942	2946	2949	rVV	136985	171588	2.13%	0.226%
90	20.456	2949	2953	2960	rVB2	179453	287616	3.57%	0.378%
91	20.845	3015	3019	3026	rBV	195630	255249	3.17%	0.336%
92	21.109	3059	3064	3073	rBV	1586034	1909020	23.68%	2.509%
93	21.280	3089	3093	3096	rBV	133368	138854	1.72%	0.183%
94	21.586	3141	3145	3151	rBV	228895	311279	3.86%	0.409%
95	21.697	3161	3164	3167	rBV	146390	150258	1.86%	0.198%
96	22.139	3236	3239	3246	rVB	126247	154236	1.91%	0.203%
97	22.621	3317	3321	3326	rVB2	123646	162123	2.01%	0.213%
98	23.115	3398	3405	3415	rBV	2273530	4104397	50.90%	5.395%
99	23.250	3421	3428	3438	rVB2	1036333	1860445	23.07%	2.445%
100	23.750	3510	3513	3521	rVB2	113454	182823	2.27%	0.240%

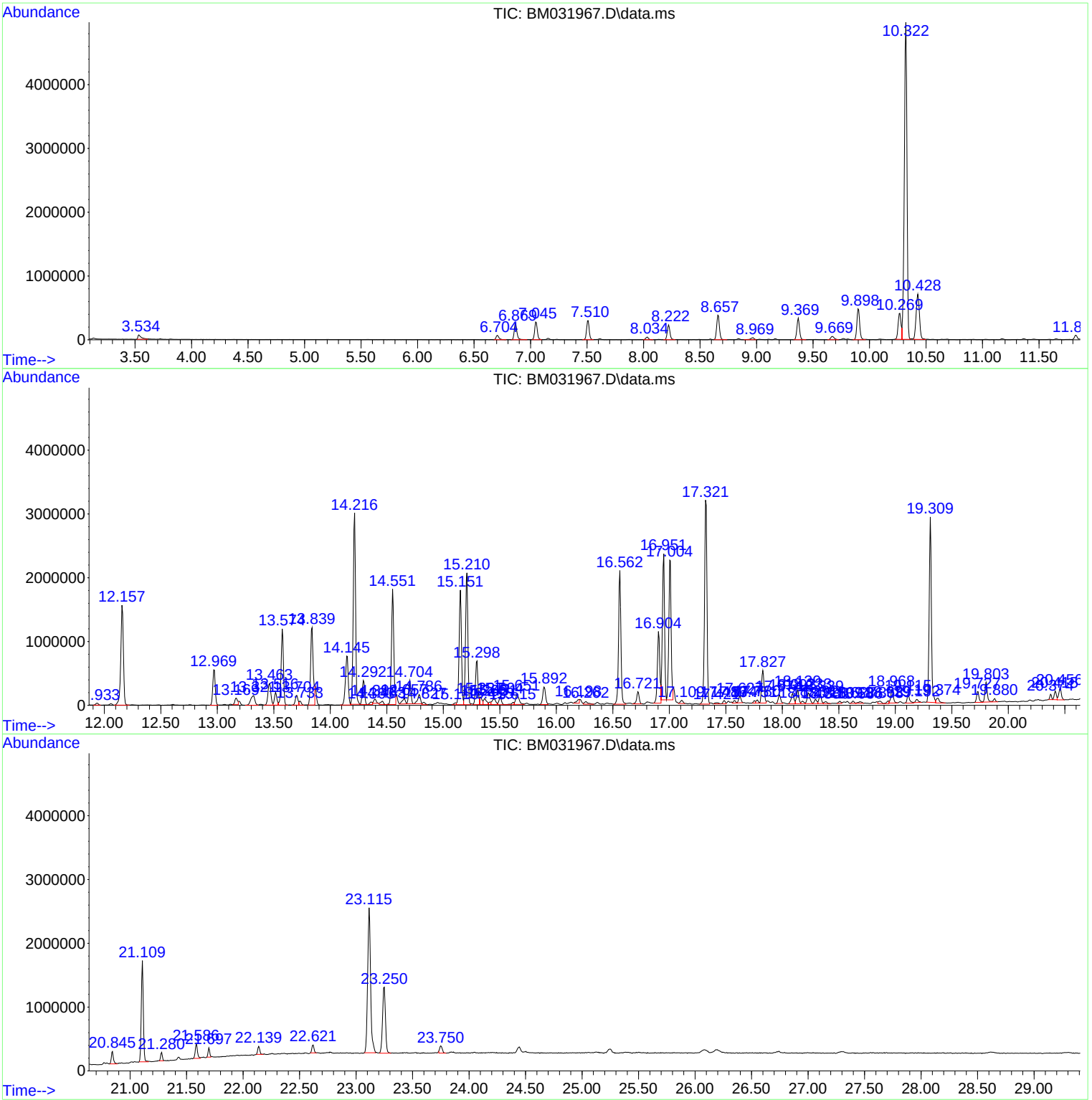
Sum of corrected areas: 76079097

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

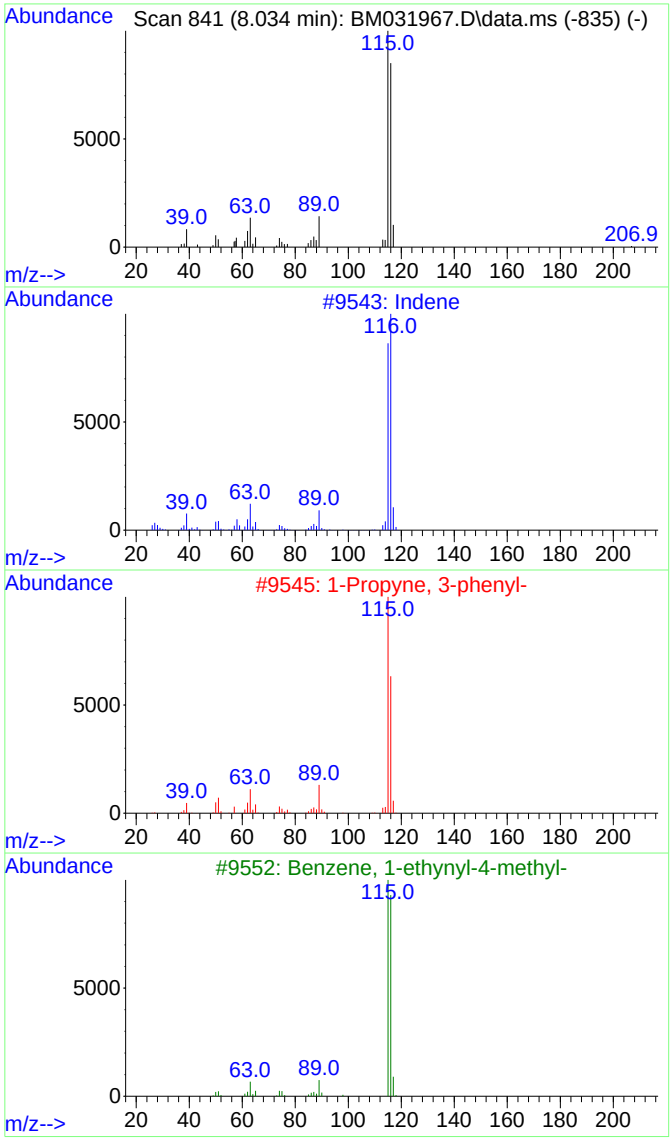
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

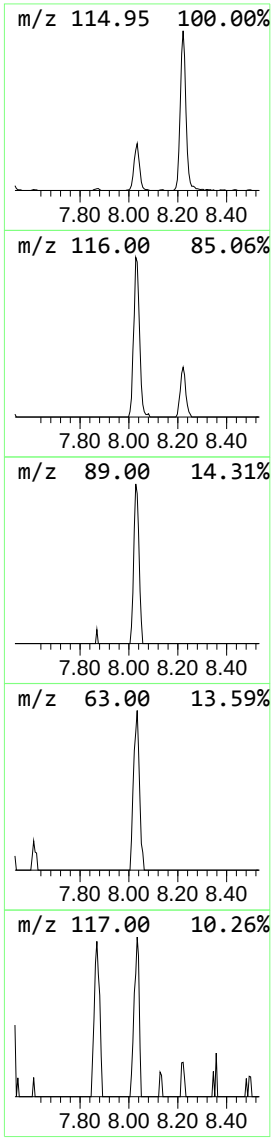
****

Peak Number 1 Indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.034	2.77 ng/ul	66345	1,4-Dichlorobenzene-d4	7.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

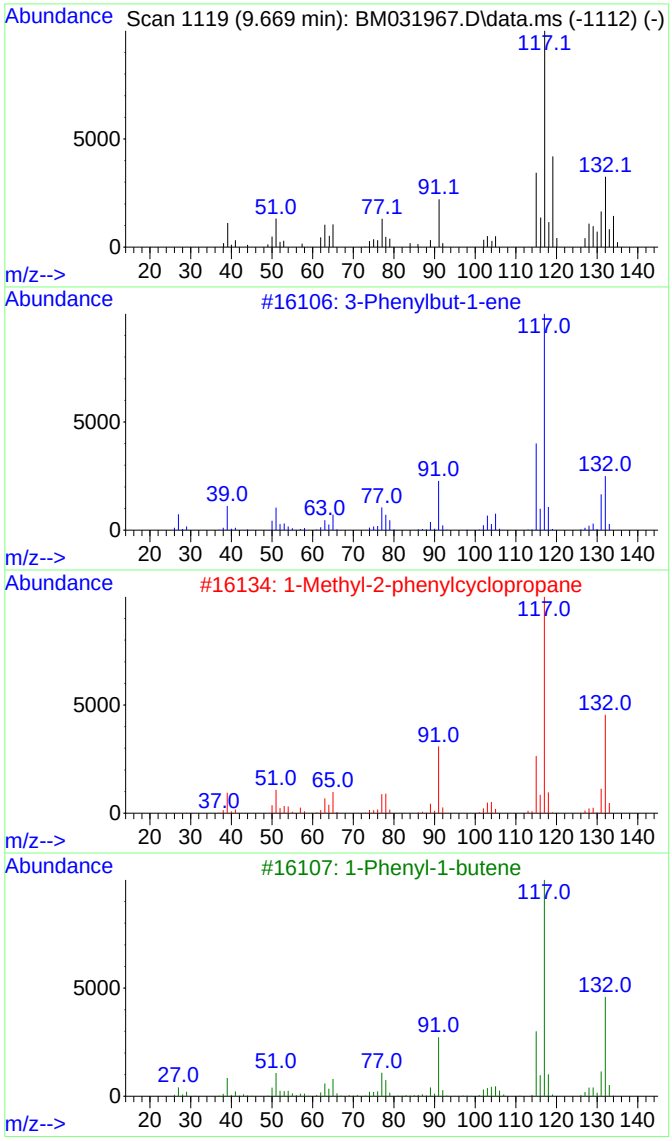
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

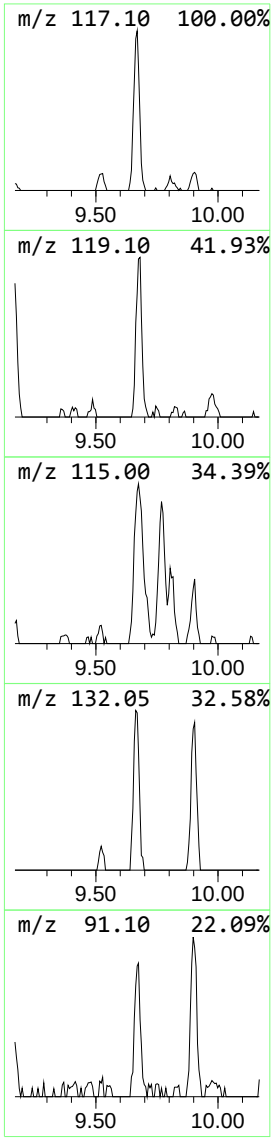
****

Peak Number 2 3-Phenylbut-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	3.04 ng/ul	113846	Naphthalene-d8	10.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	62
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	62
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	58
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

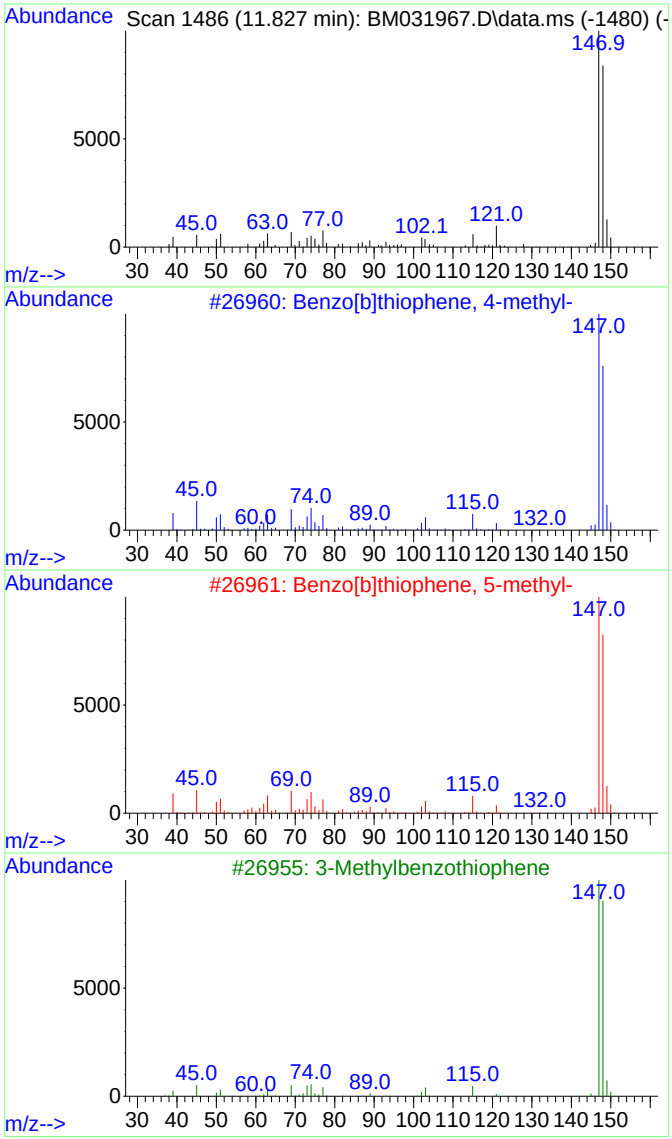
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

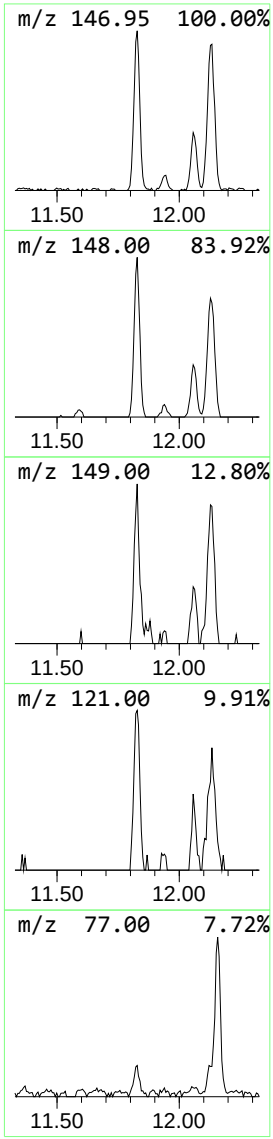
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzo[b]thiophene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	3.40 ng/ul	127305	Naphthalene-d8	10.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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

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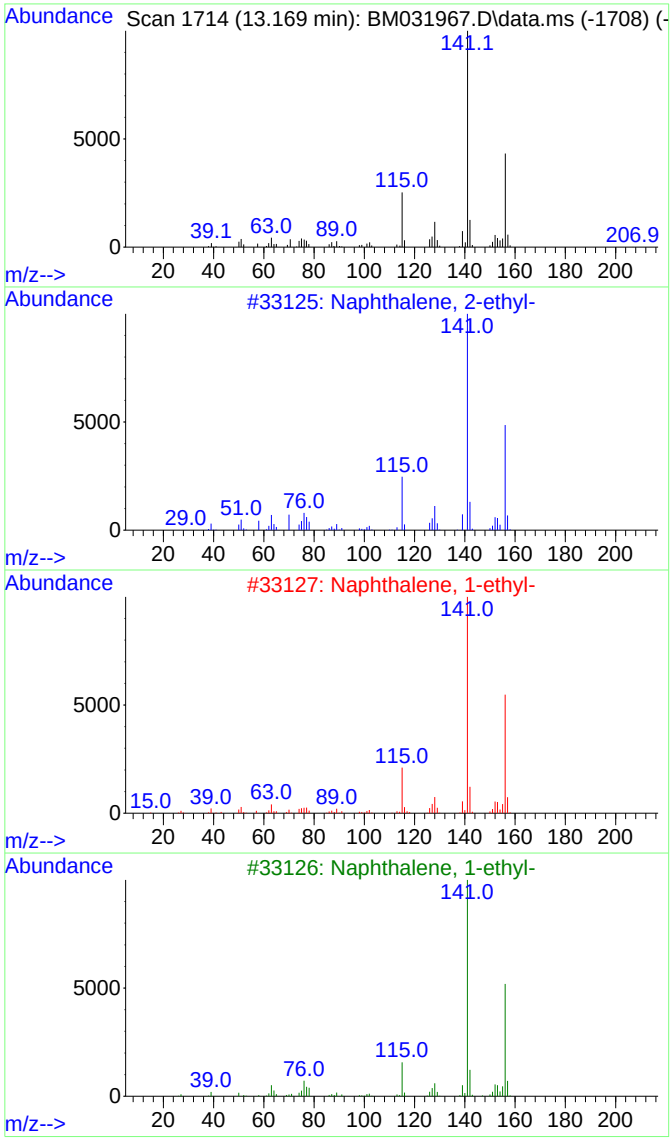
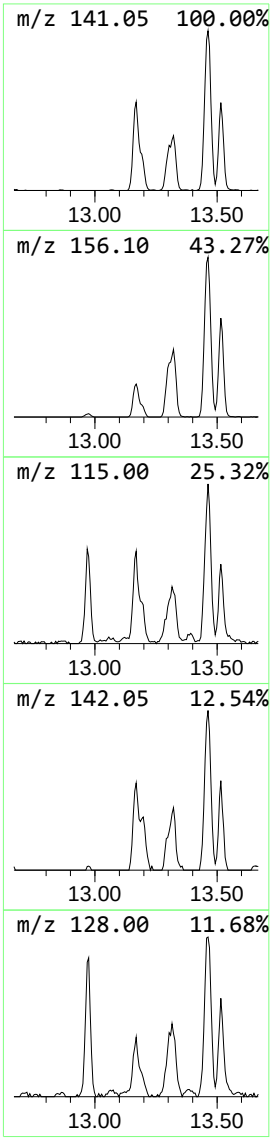
Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.66 ng/ul	177355	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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

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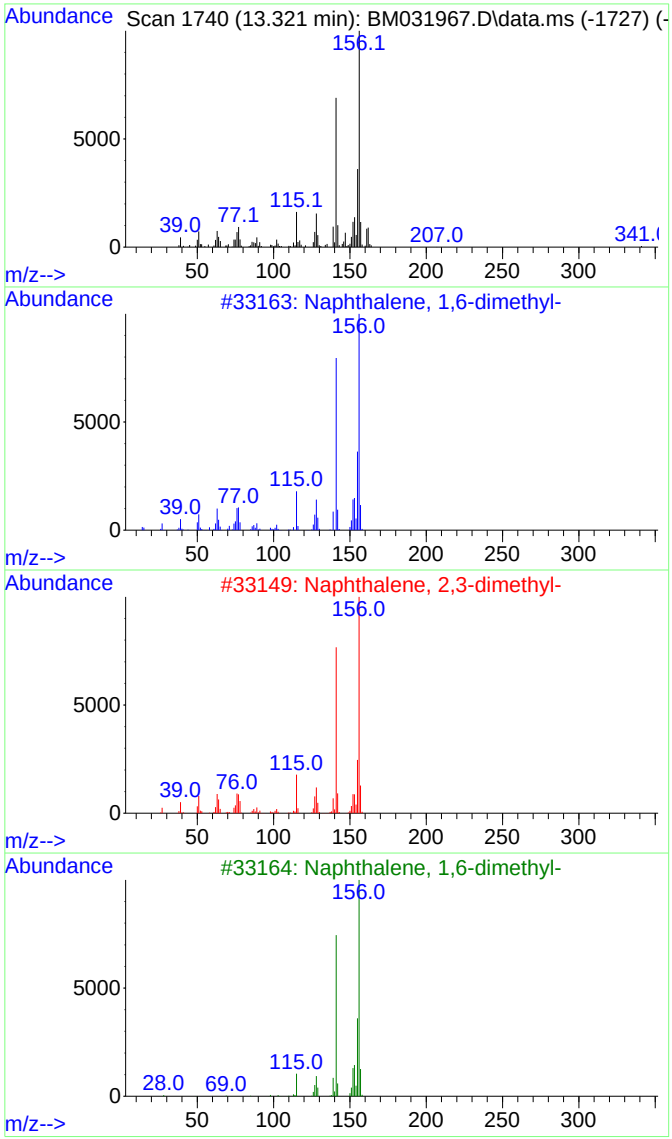
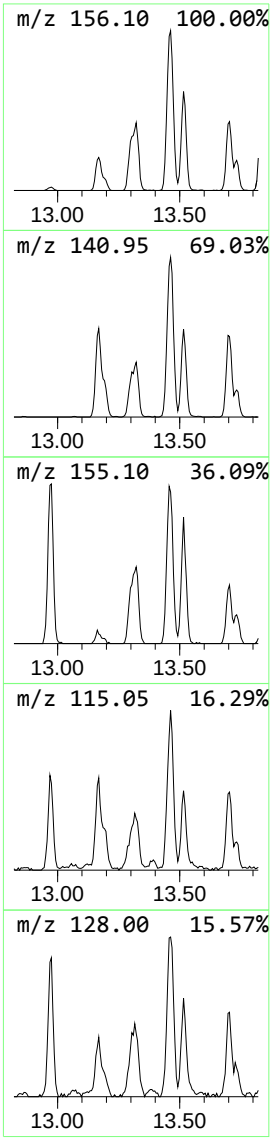
Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	5.75 ng/ul	383441	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE1

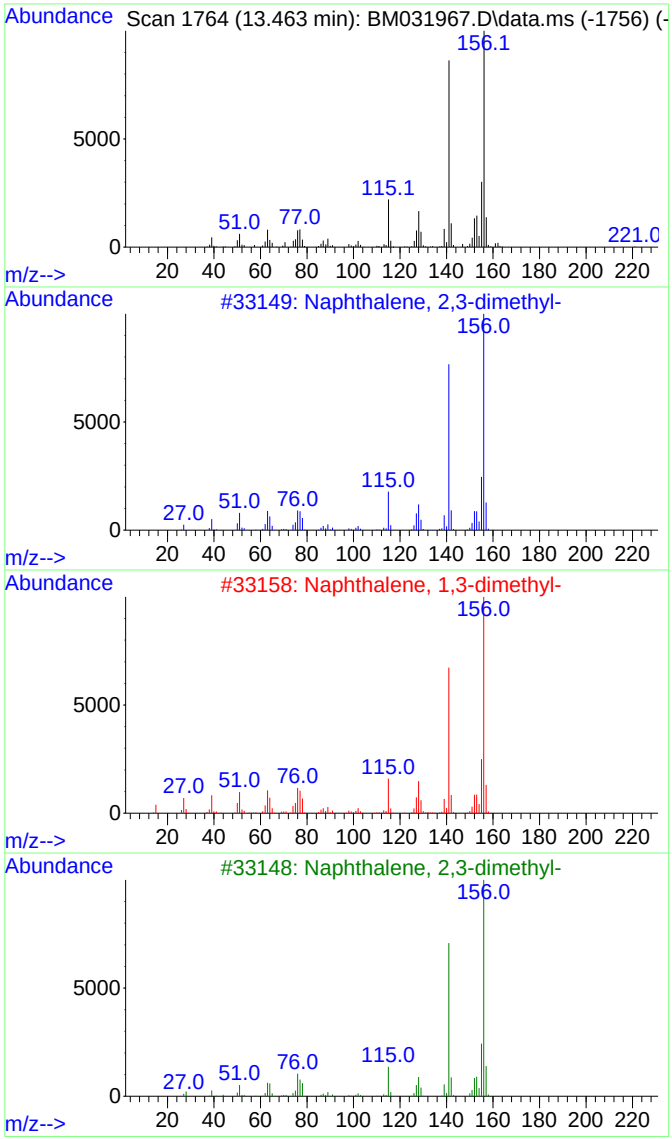
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

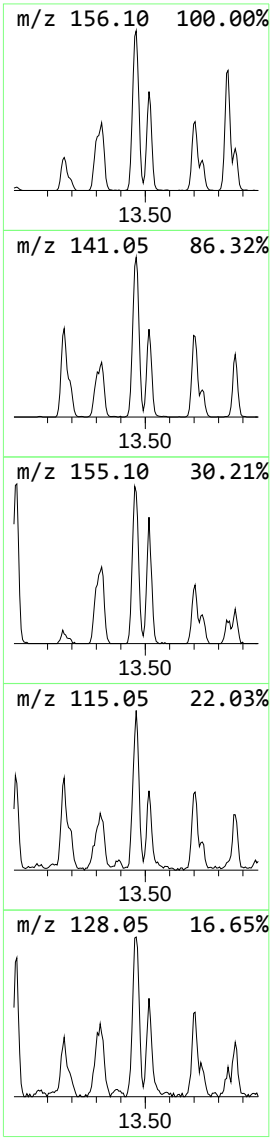
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	9.35 ng/ul	623990	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

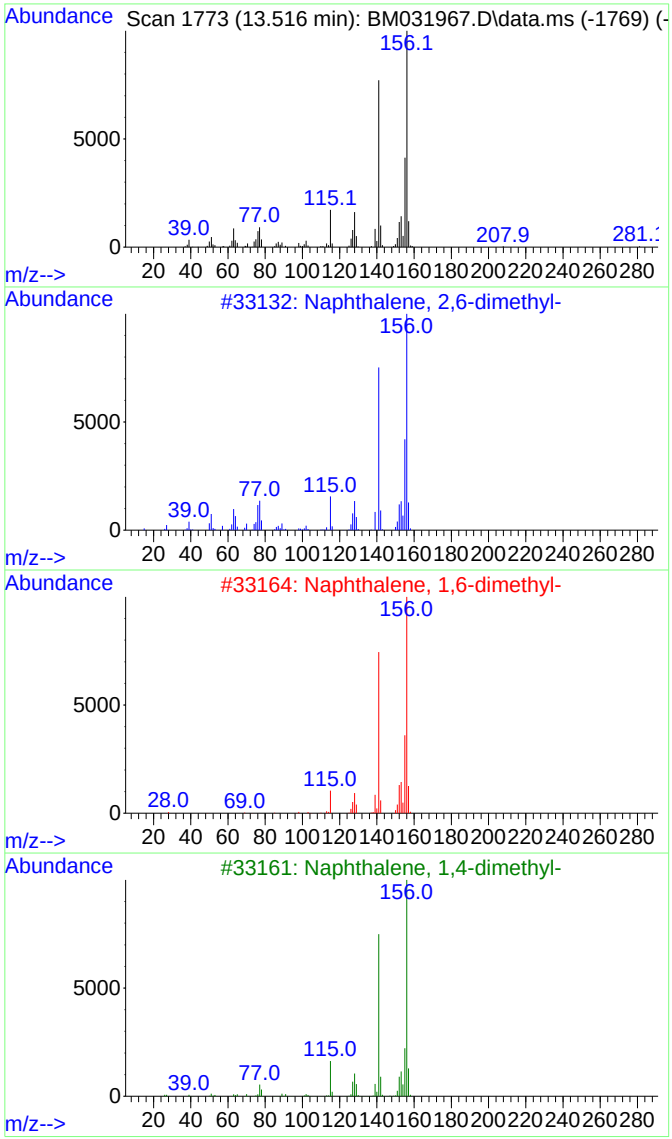
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

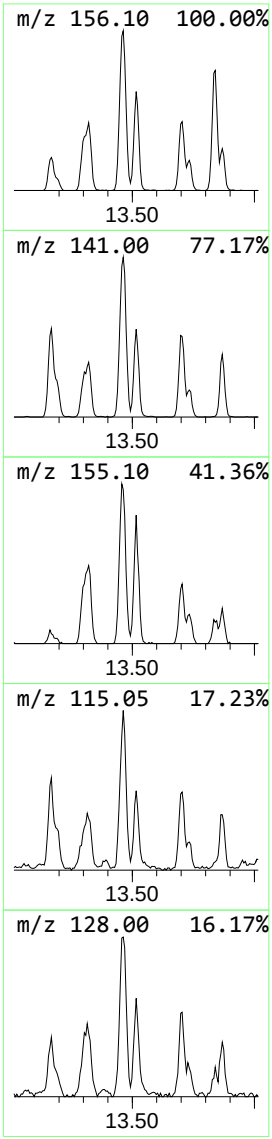
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	4.51 ng/ul	300565	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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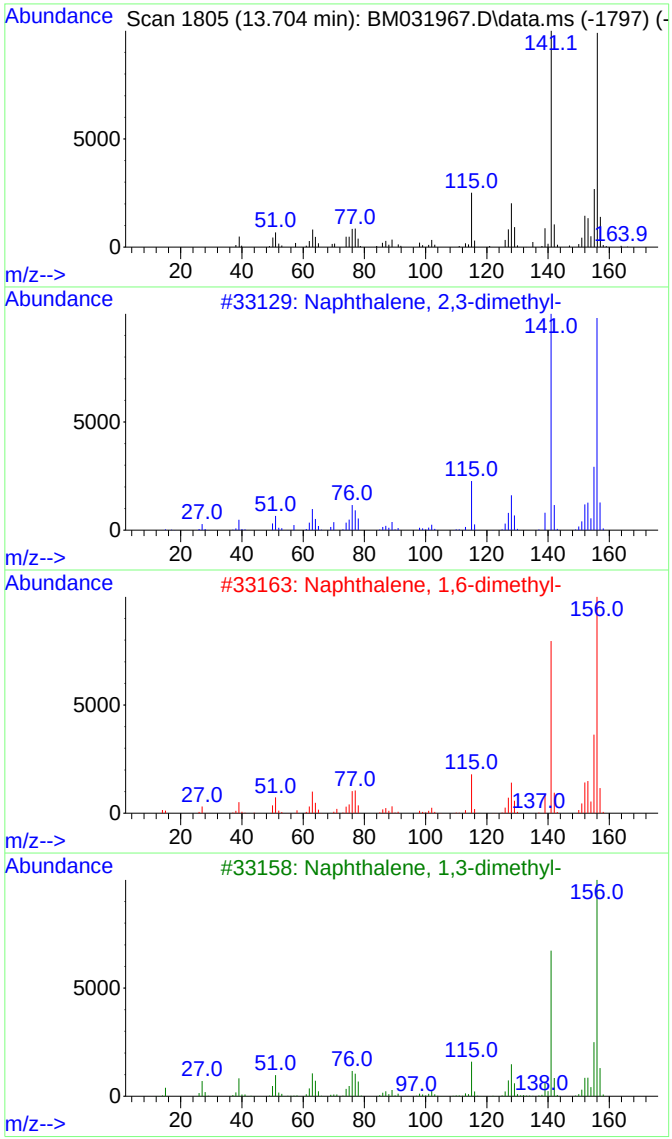
Quant Title : SVOA CALIBRATION

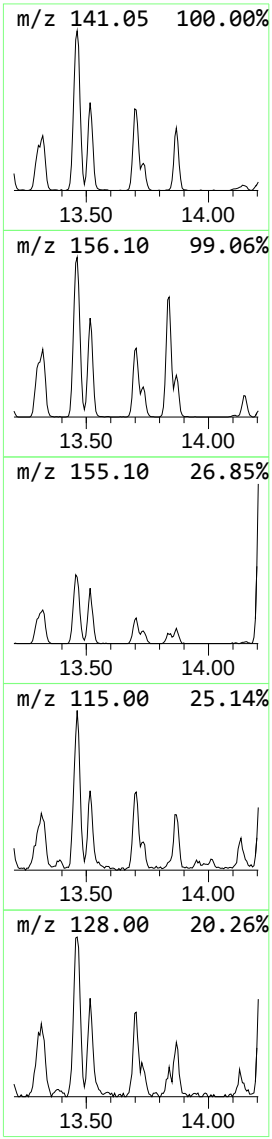
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	3.78 ng/ul	252456	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

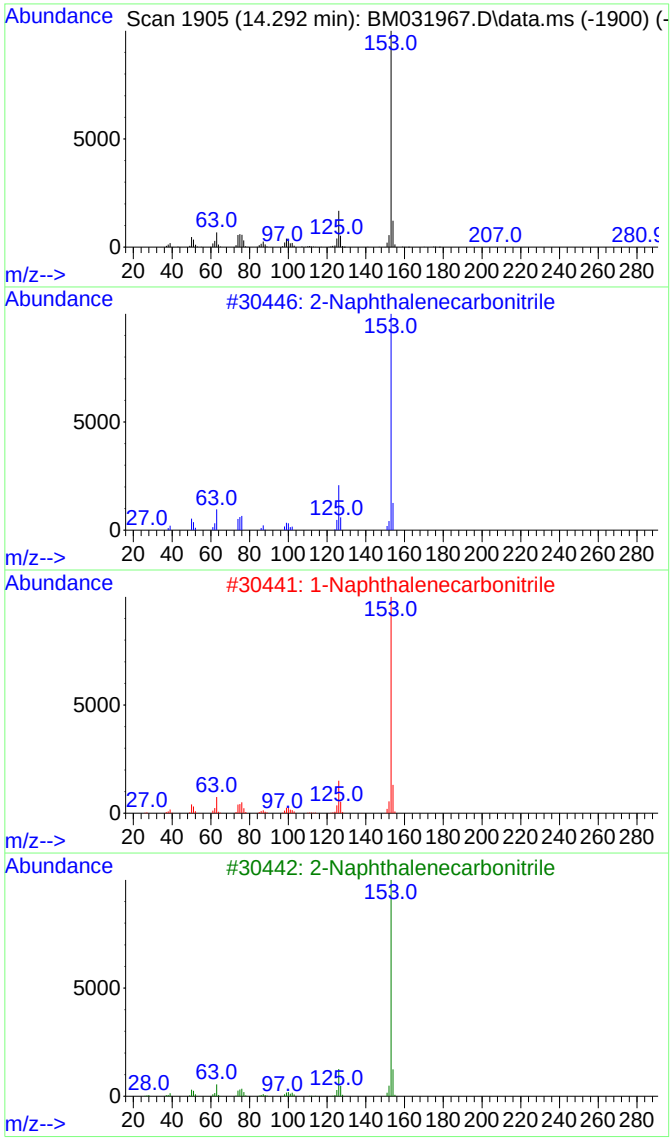
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

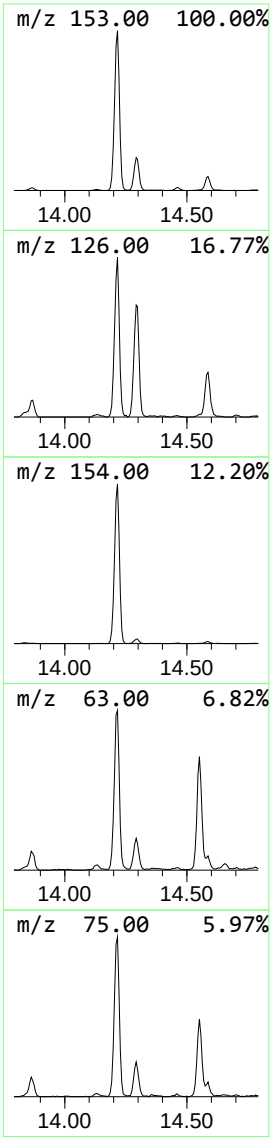
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.292	8.24 ng/ul	550004	Acenaphthene-d10	14.145

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





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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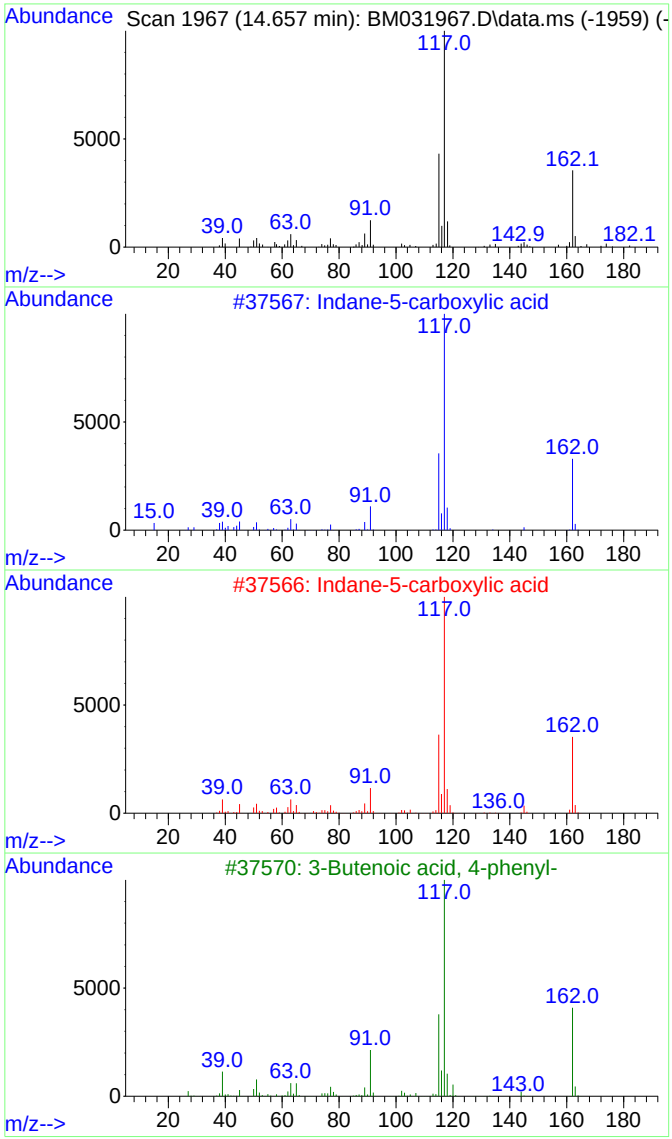
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

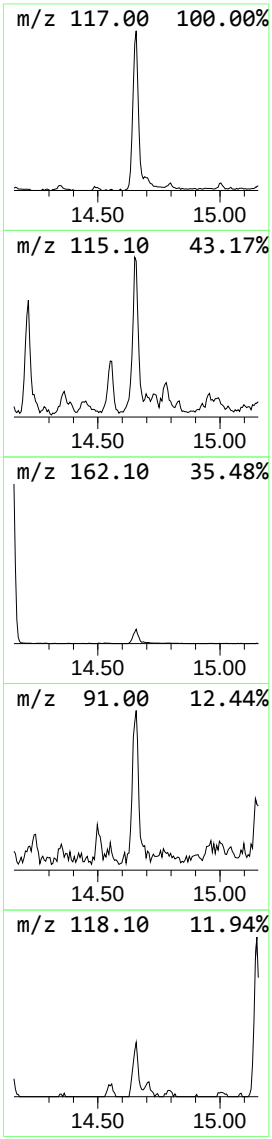
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane-5-carboxylic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	2.50 ng/ul	166961	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	94
2	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	94
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	83
4	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	76
5	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	64





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Operator : CG/JU
Sample : M3422-22
Misc :
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Instrument : BNA_M
ClientSampleId : DBKE1

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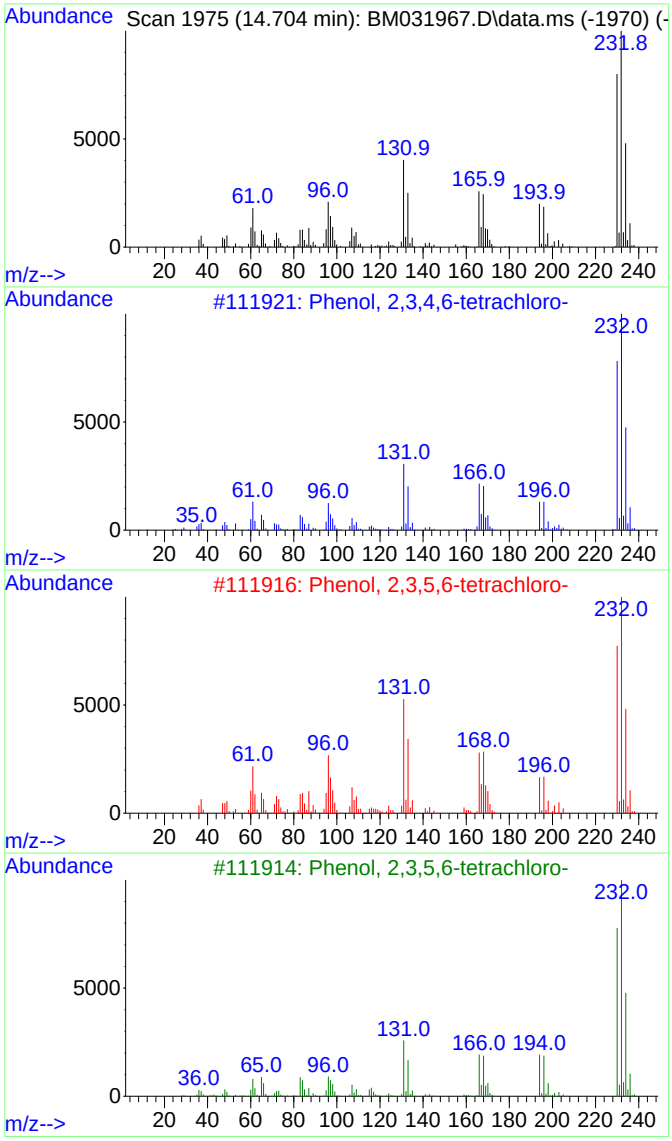
Quant Title : SVOA CALIBRATION

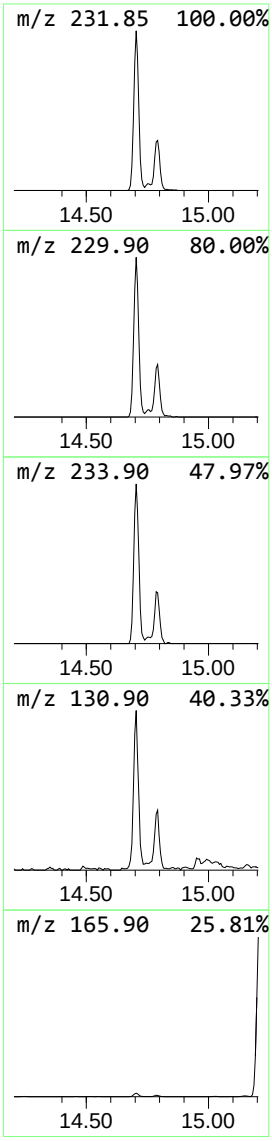
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	7.57 ng/ul	505281	Acenaphthene-d10	14.145

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





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Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

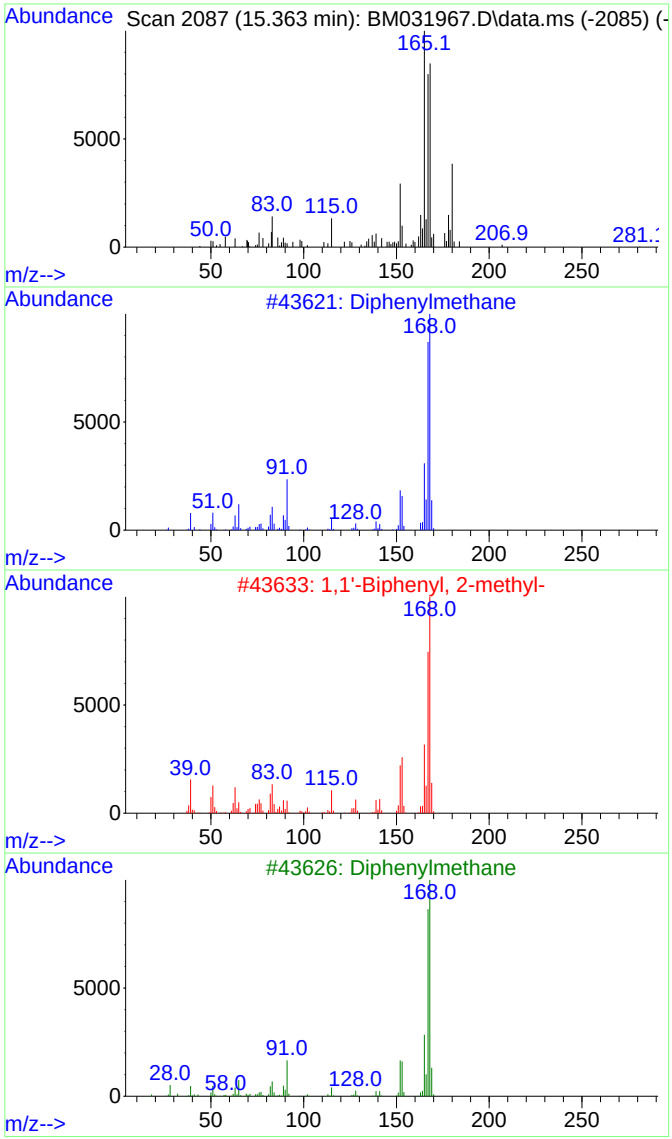
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

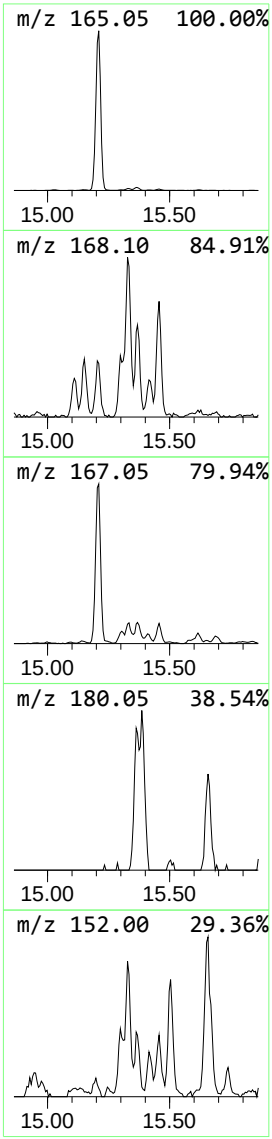
****

Peak Number 12 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	2.54 ng/ul	169544	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	43
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3	Diphenylmethane	168	C13H12	000101-81-5	43
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	Glutaric acid, 2-fluorophenyl di...	392	C24H21FO4	1000393-34-5	43





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Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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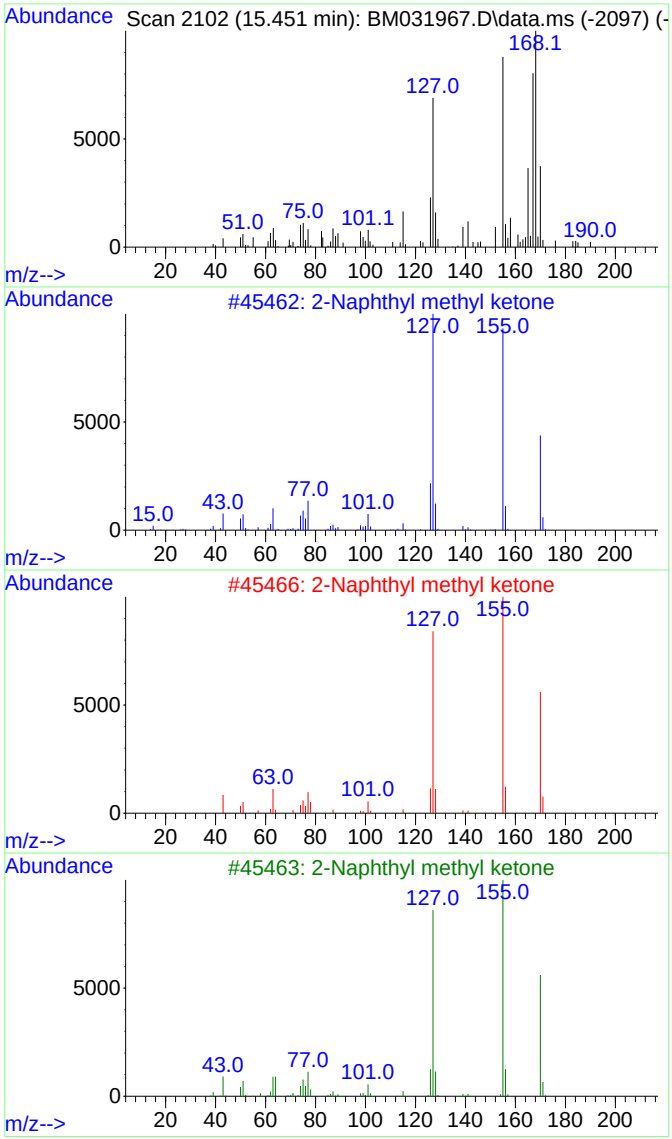
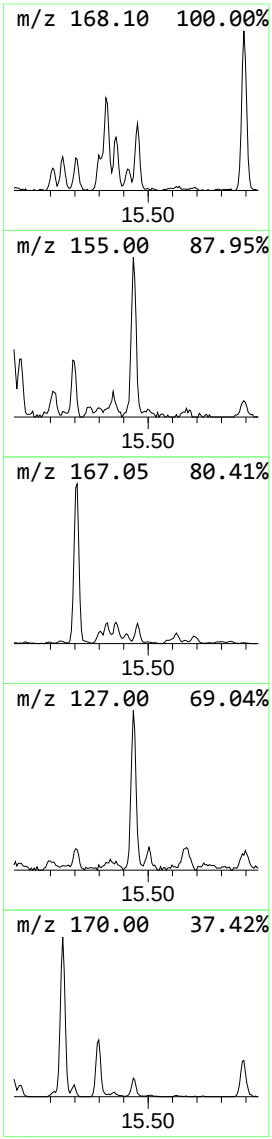
Peak Number 13 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	2.97 ng/ul	198321	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	42
2	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	42
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	38





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Instrument : BNA_M
ClientSampleId : DBKE1

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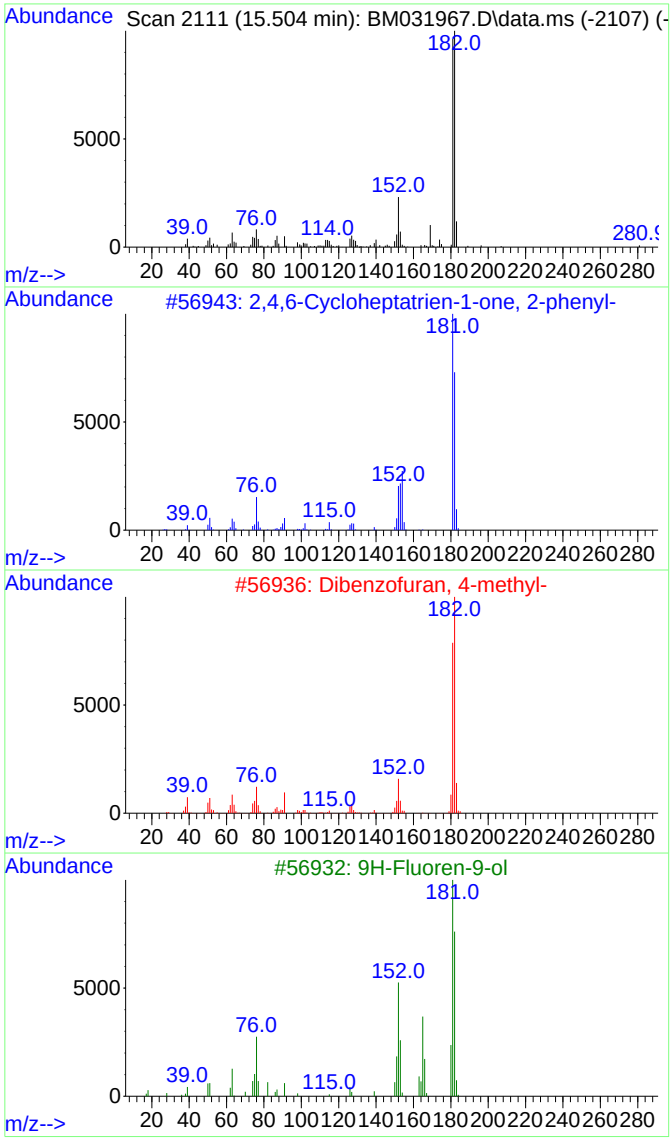
Quant Title : SVOA CALIBRATION

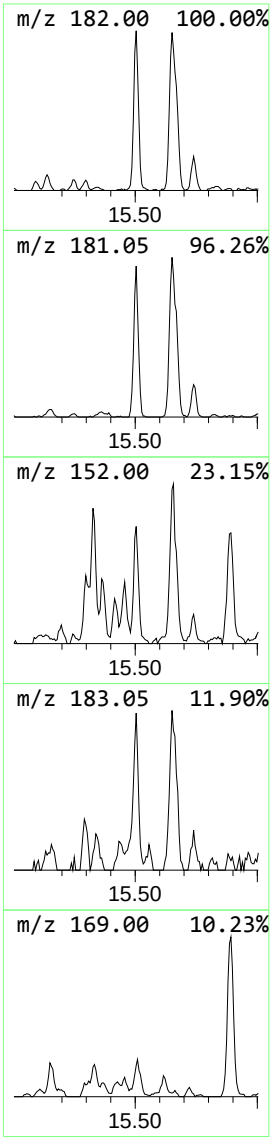
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,4,6-Cycloheptatrien-1-one... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.504	2.76 ng/ul	184070	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	3,5-Dimethoxy-4-(ethyl)oxybenzal...	210	C11H14O4	1000395-80-8	64





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Instrument : BNA_M
ClientSampleId : DBKE1

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Quant Title : SVOA CALIBRATION

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

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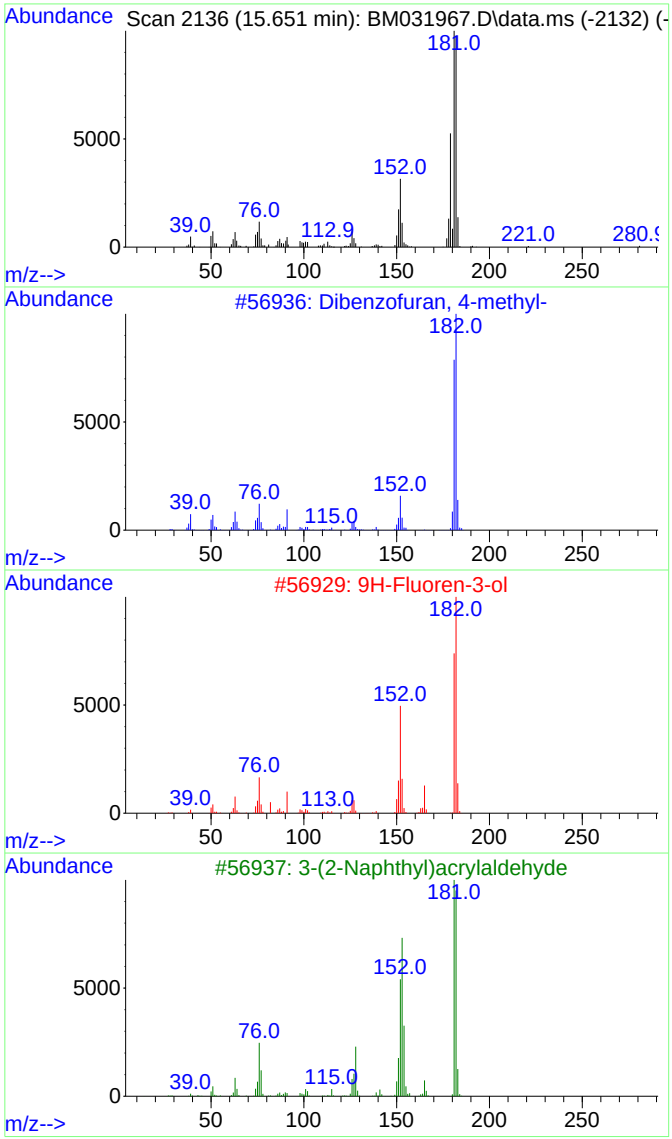
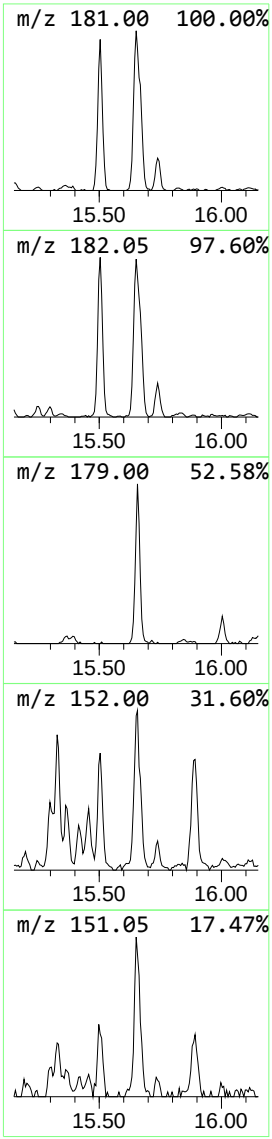
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	3.88 ng/ul	330206	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	68
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Quant Title : SVOA CALIBRATION

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

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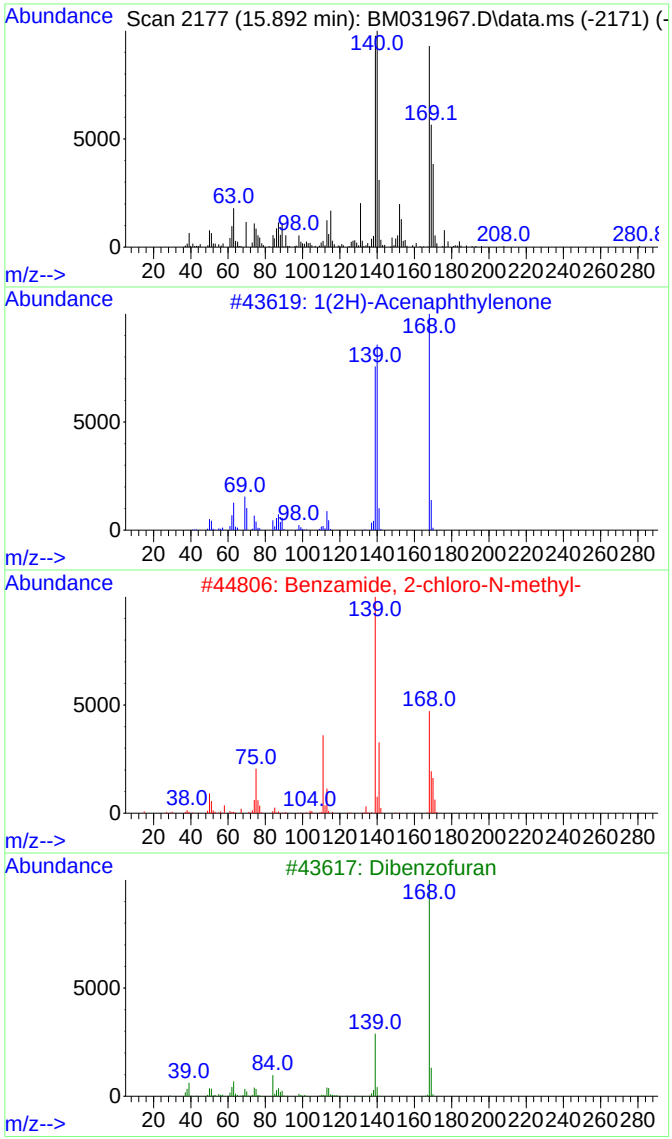
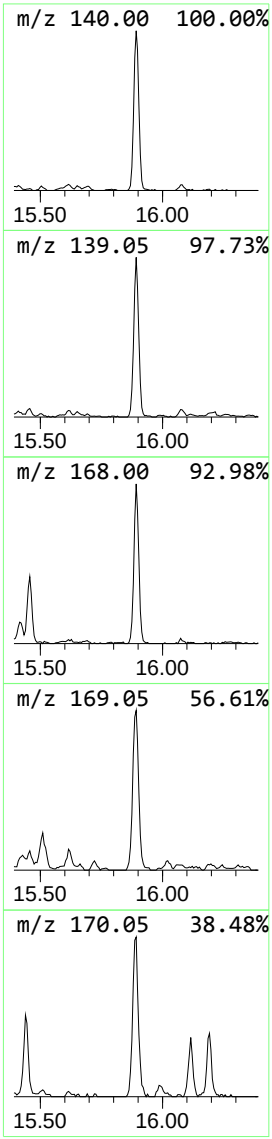
Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	5.48 ng/ul	466410	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2	Benzamide, 2-chloro-N-methyl-	169	C8H8ClNO	1000407-42-6	49
3	Dibenzofuran	168	C12H8O	000132-64-9	42
4	1-Isoquinolinecarbonitrile, 3-me...	168	C11H8N2	022381-52-8	38
5	1H-naphtho[1,2-d]-1,2,3-triazole	169	C10H7N3	1000404-56-6	35





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

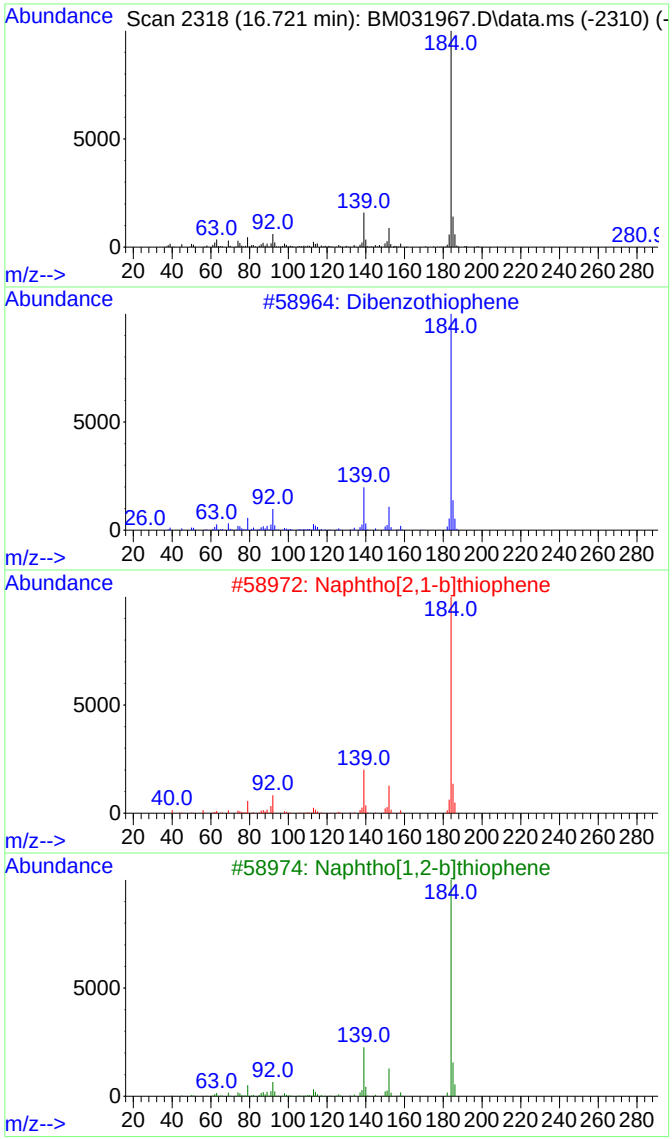
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

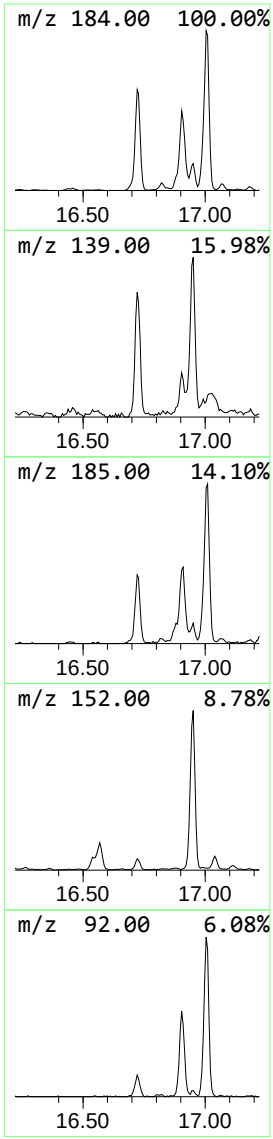
****

Peak Number 17 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	3.37 ng/ul	287015	Phenanthrene-d10	16.904

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





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Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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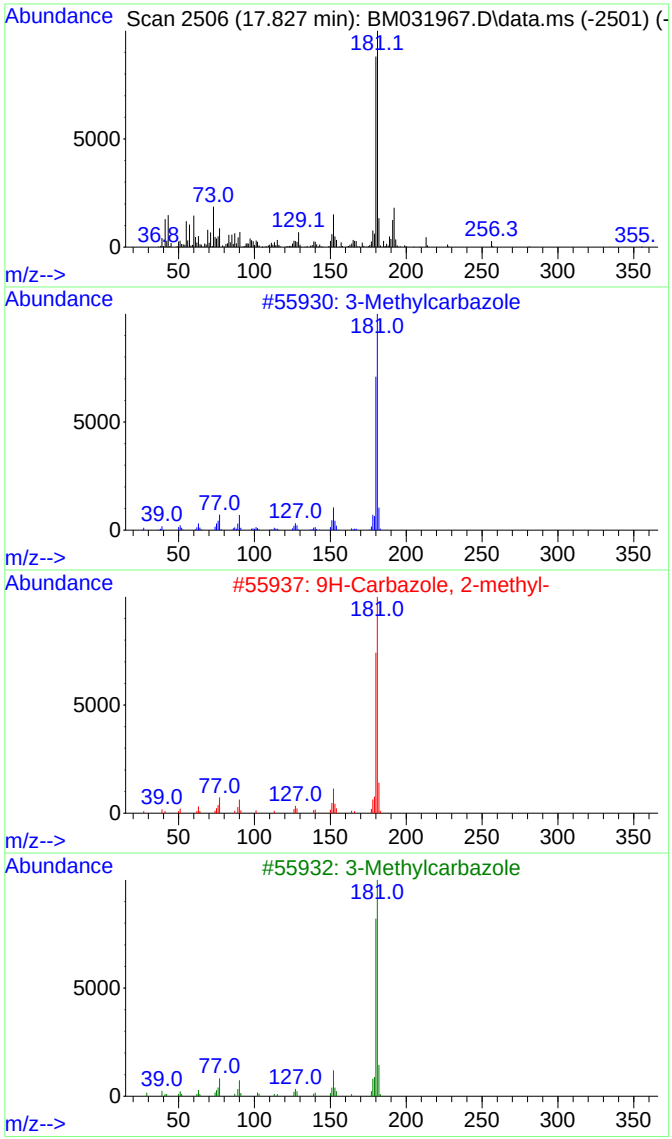
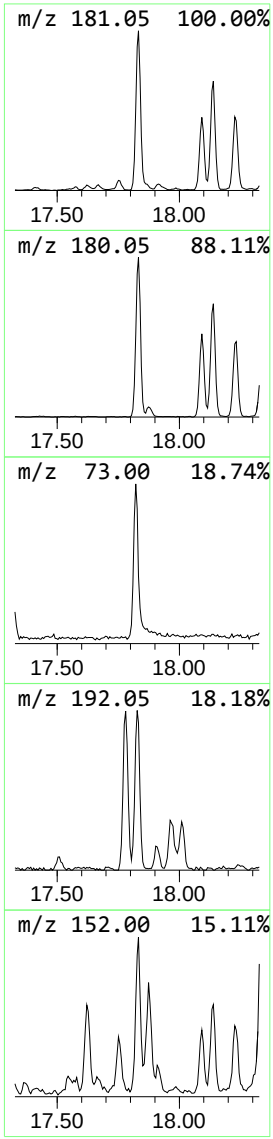
Peak Number 18 3-Methylcarbazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	9.22 ng/ul	785060	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	94
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90
3	3-Methylcarbazole	181	C13H11N	004630-20-0	90
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	89
5	1-Methylcarbazole	181	C13H11N	006510-65-2	89





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Operator : CG/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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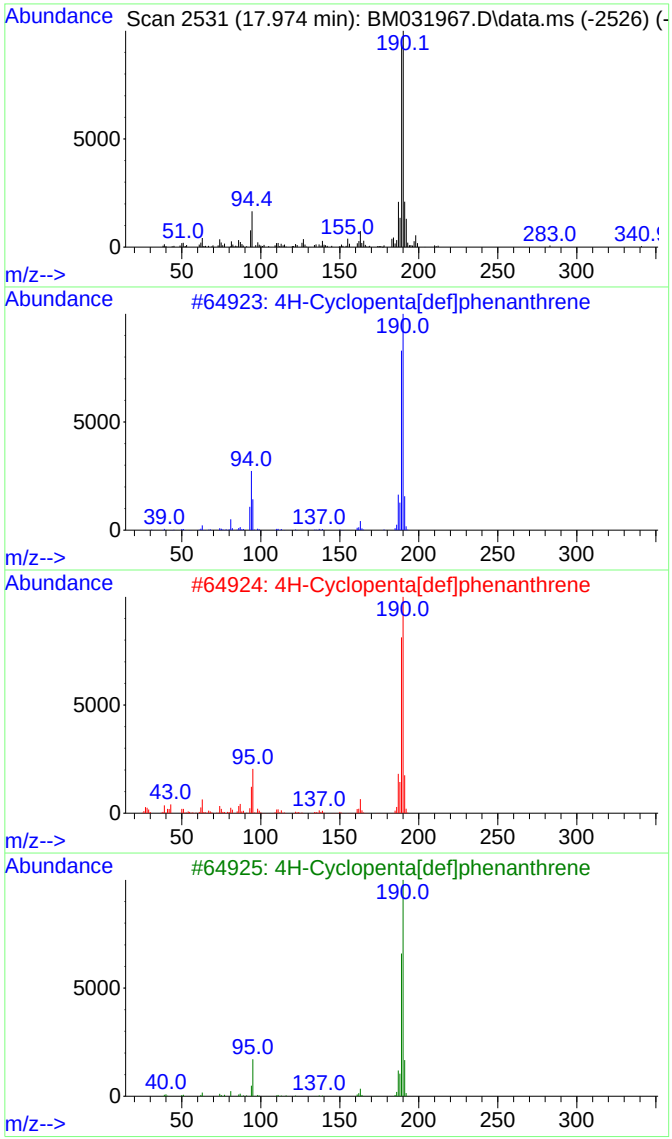
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

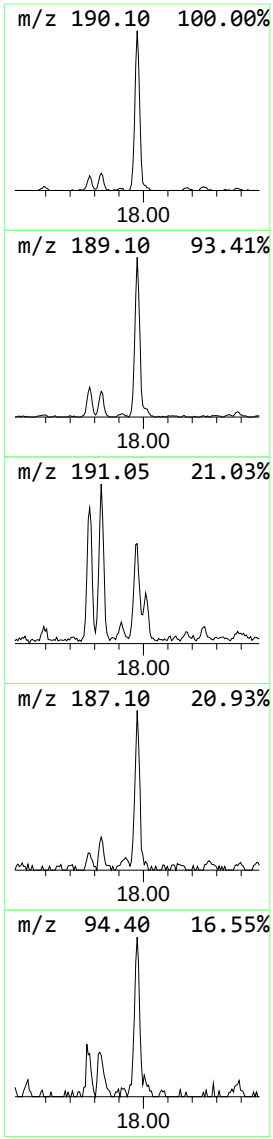
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	2.44 ng/ul	207906	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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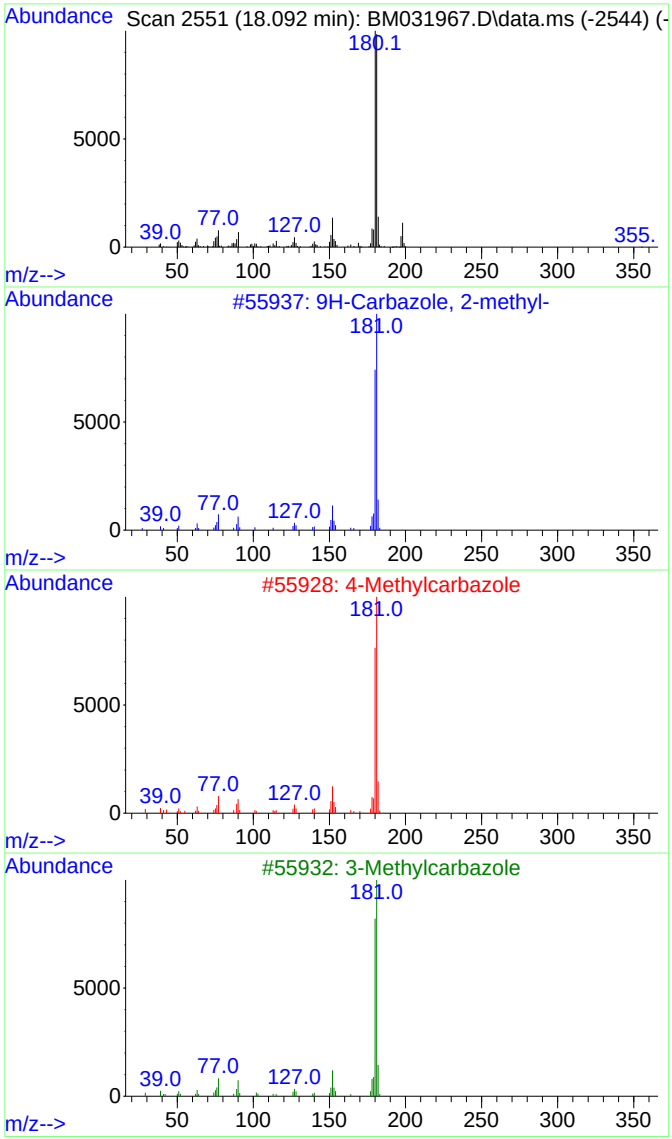
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

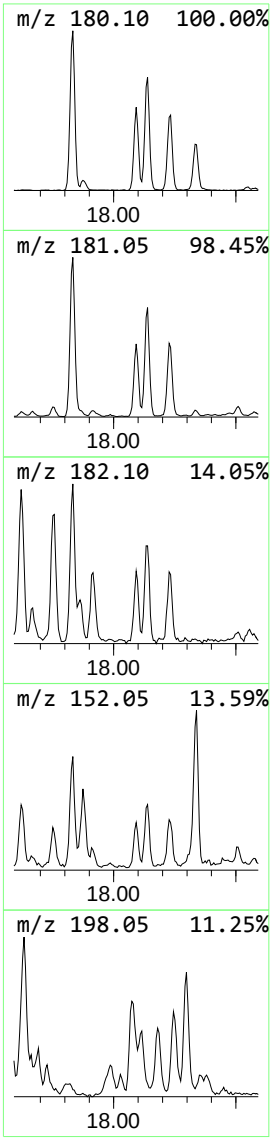
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9H-Carbazole, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	3.33 ng/ul	283608	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
2	4-Methylcarbazole	181	C13H11N	003770-48-7	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	94
4	4-Methylcarbazole	181	C13H11N	003770-48-7	93
5	3-Methylcarbazole	181	C13H11N	004630-20-0	93





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Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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

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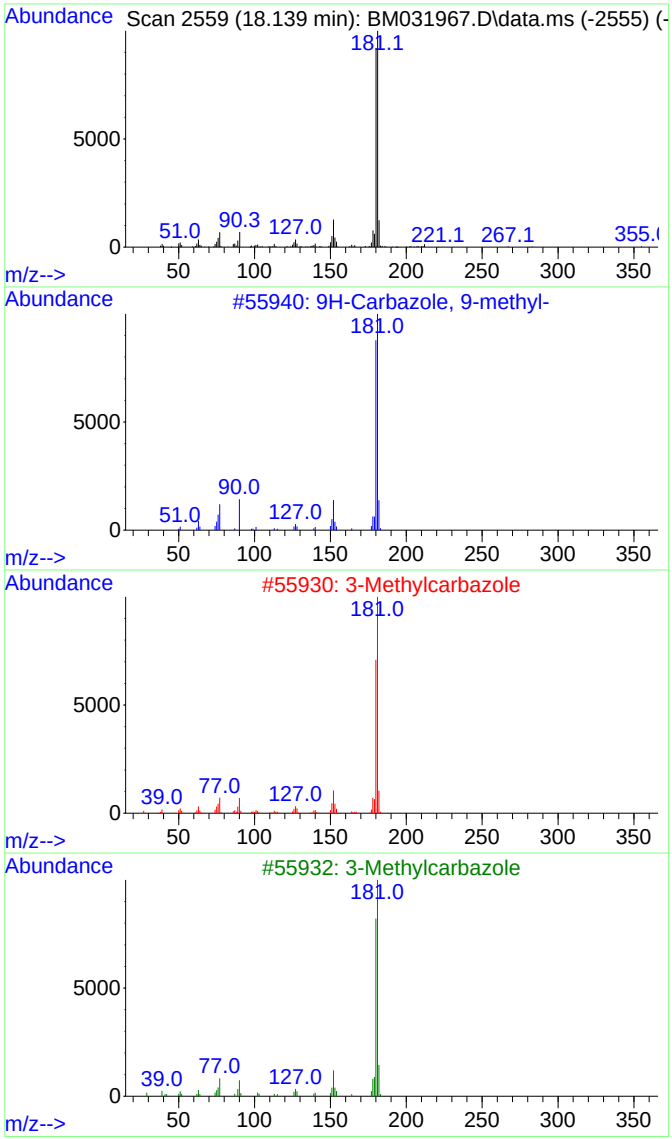
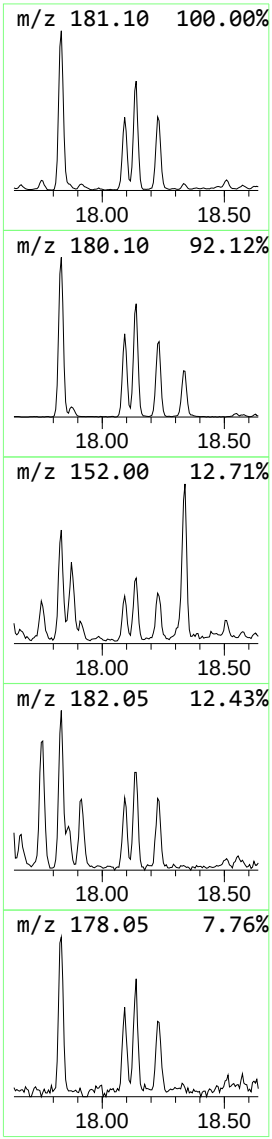
Peak Number 21 9H-Carbazole, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.62 ng/ul	307885	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
2	3-Methylcarbazole	181	C13H11N	004630-20-0	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	94
5	4-Methylcarbazole	181	C13H11N	003770-48-7	94





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Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

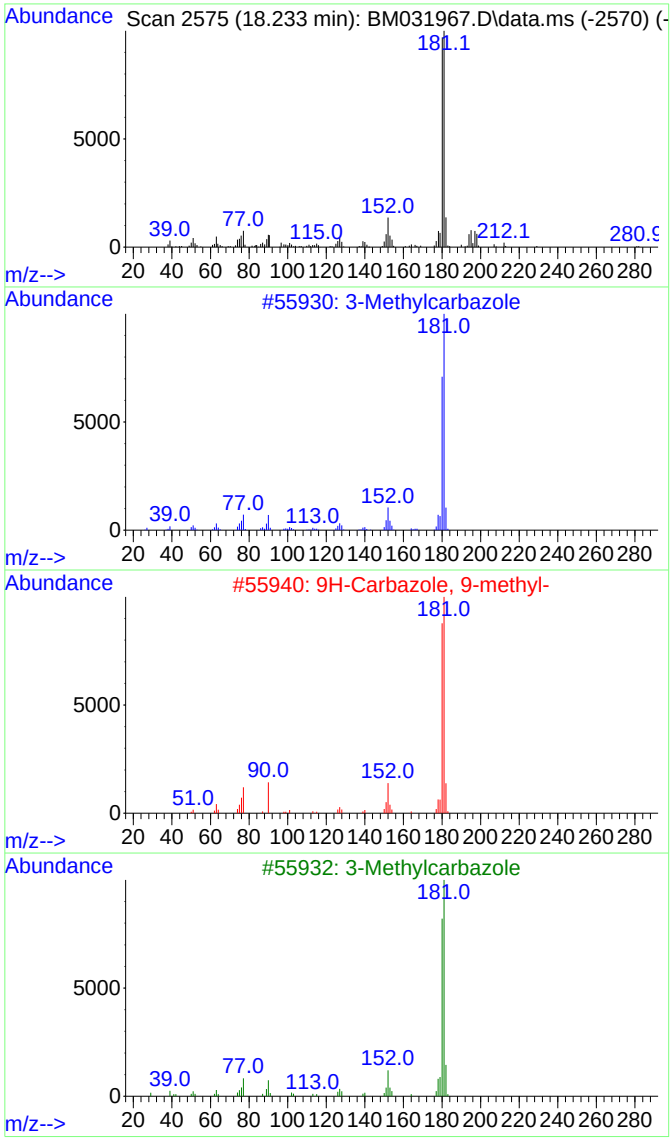
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

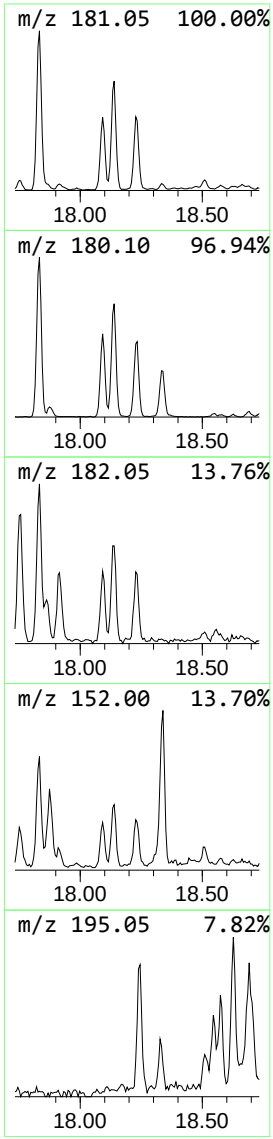
****

Peak Number 22 4-Methylcarbazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	3.40 ng/ul	289311	Phenanthrene-d10	16.904

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	95
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
5	4-Methylcarbazole	181	C13H11N	003770-48-7	93





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ClientSampleId :
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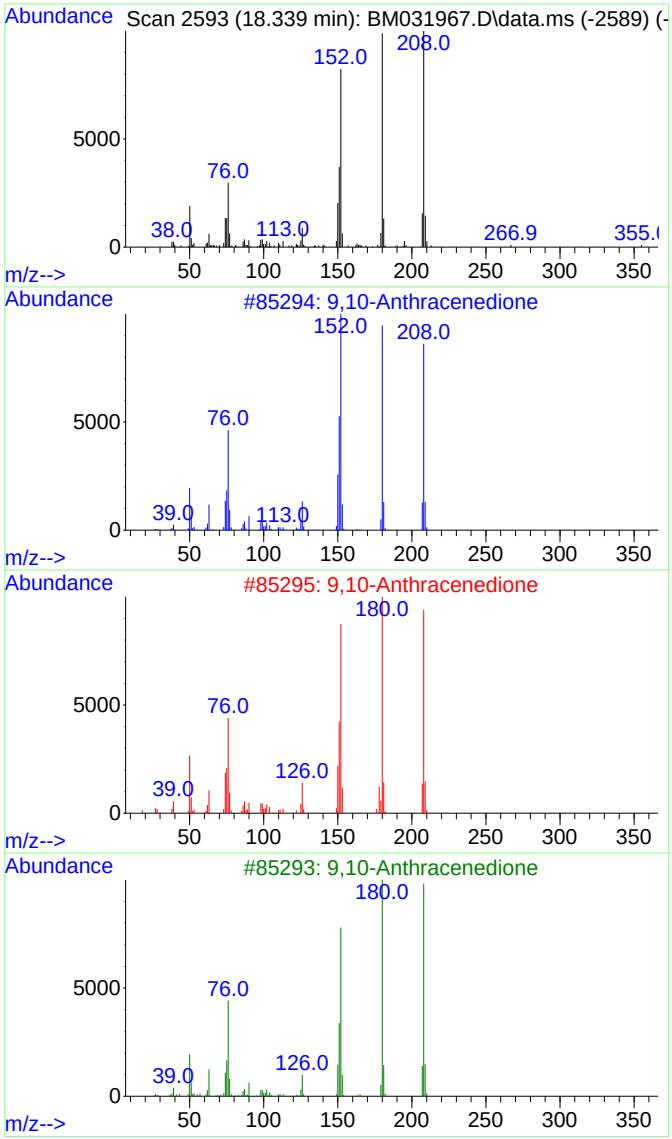
Quant Title : SVOA CALIBRATION

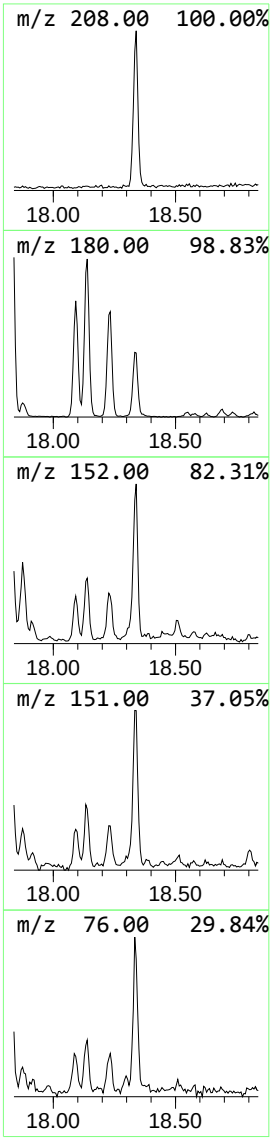
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9,10-Anthracenedione Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	2.38 ng/ul	202721	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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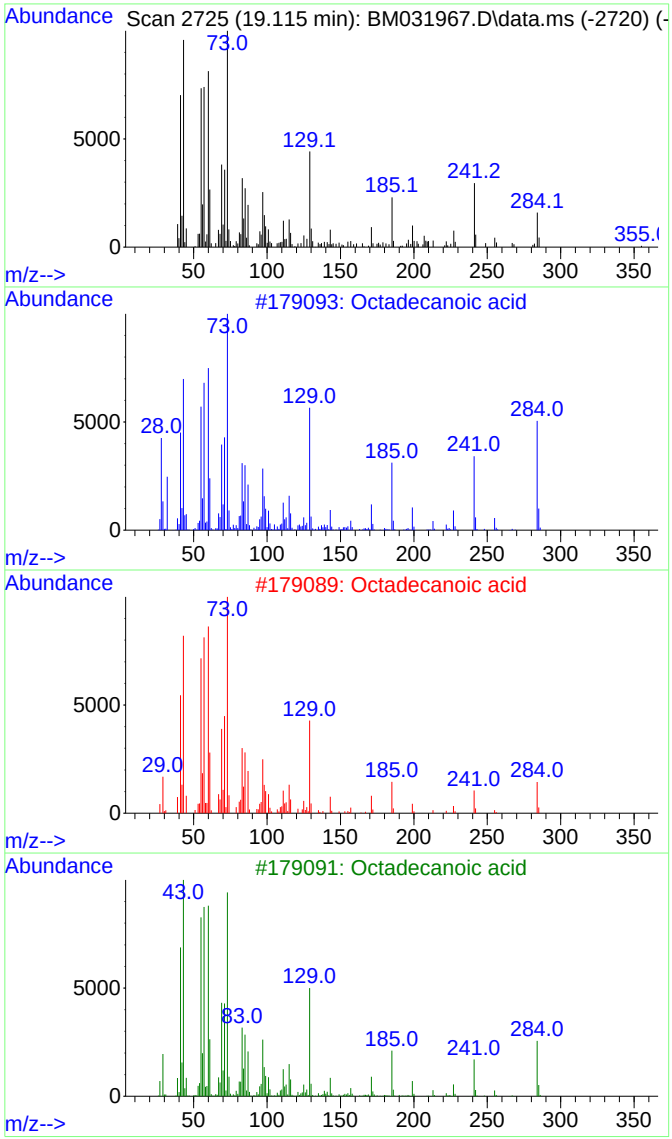
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

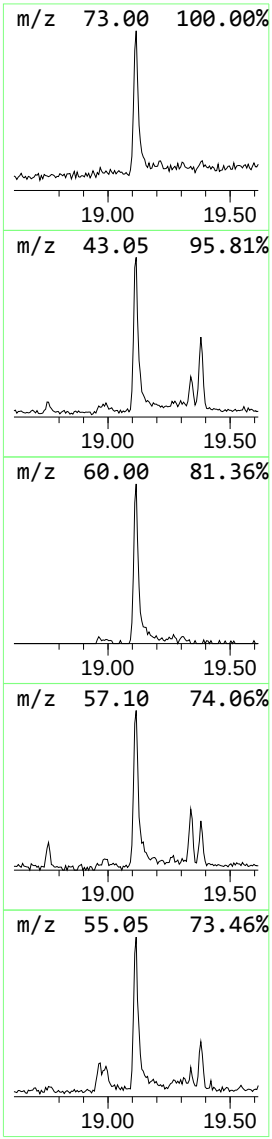
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	2.27 ng/ul	216898	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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ClientSampleId :
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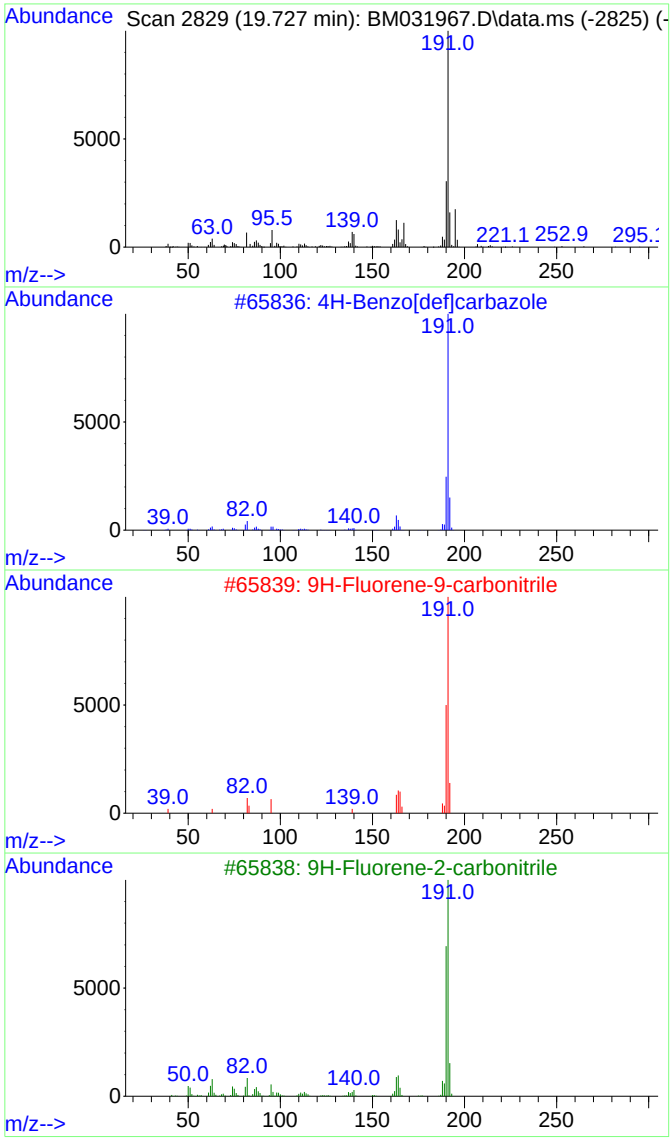
Quant Title : SVOA CALIBRATION

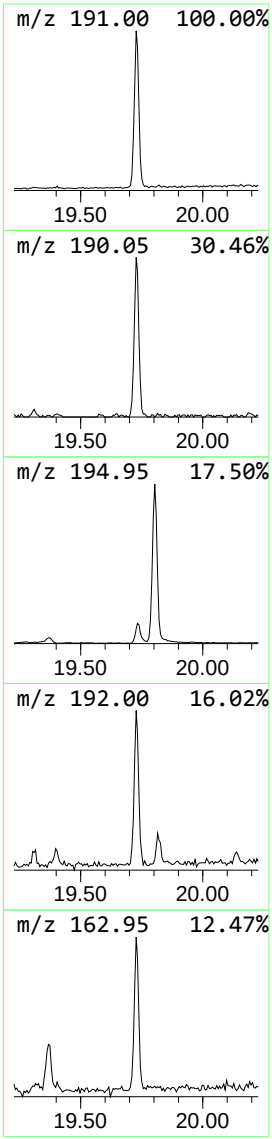
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 4H-Benzo[def]carbazole Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.727	2.74 ng/ul	261807	Chrysene-d12	21.109

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	58
3	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	50
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	50
5	Isoquinoline, 3,4-dihydro-6,7-di...	191	C11H13NO2	003382-18-1	42





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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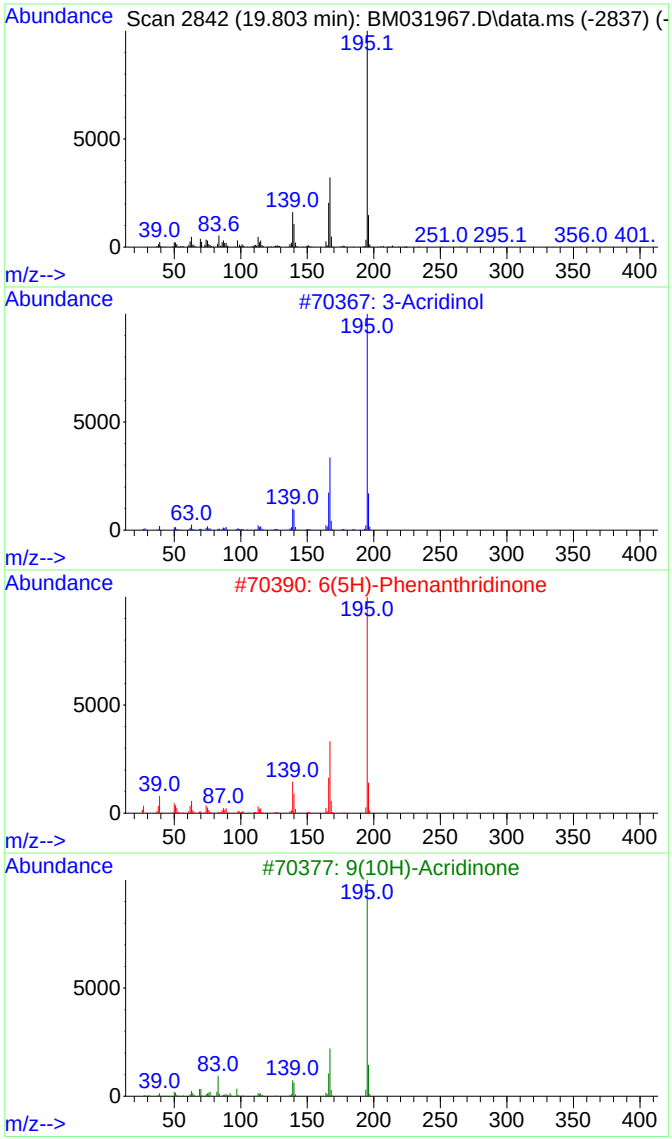
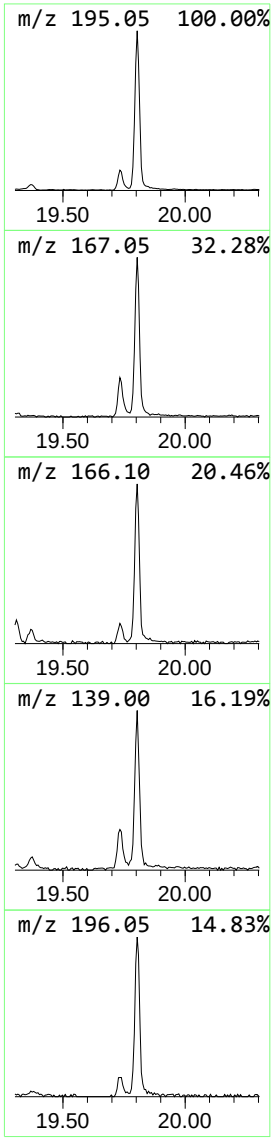
Peak Number 26 3-Acridinol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.803	4.64 ng/ul	443092	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	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	95





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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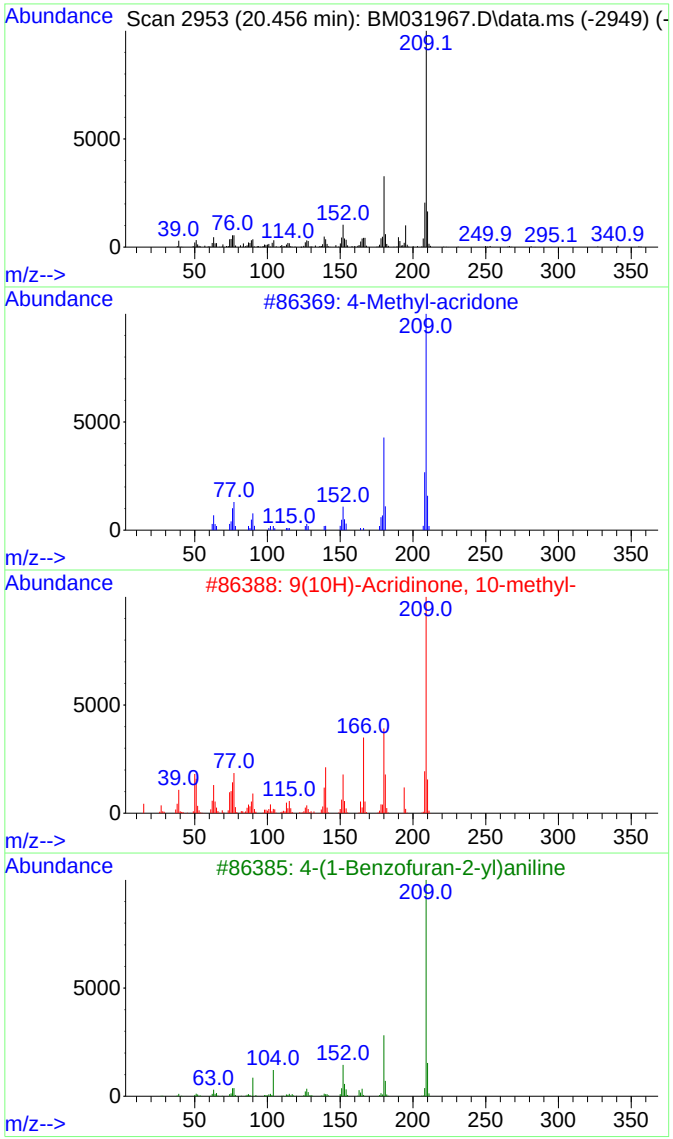
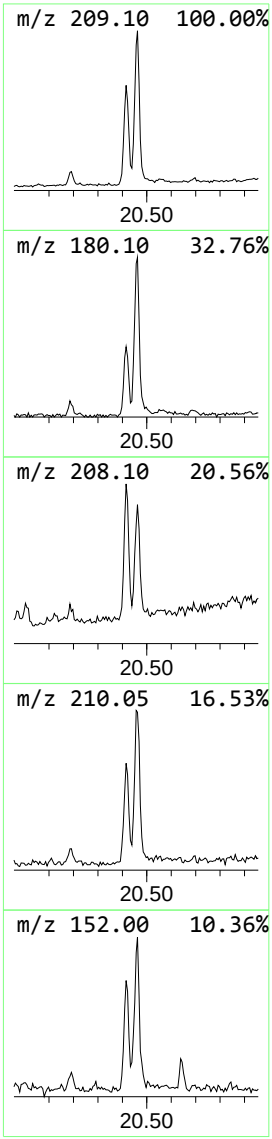
Peak Number 27 4-Methyl-acridone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.456	3.01 ng/ul	287616	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-acridone	209	C14H11NO	068506-36-5	93
2	9(10H)-Acridinone, 10-methyl-	209	C14H11NO	000719-54-0	87
3	4-(1-Benzofuran-2-yl)aniline	209	C14H11NO	000782-18-3	76
4	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	76
5	1-Methyl-acridone	209	C14H11NO	065753-71-1	76





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
DBKE1

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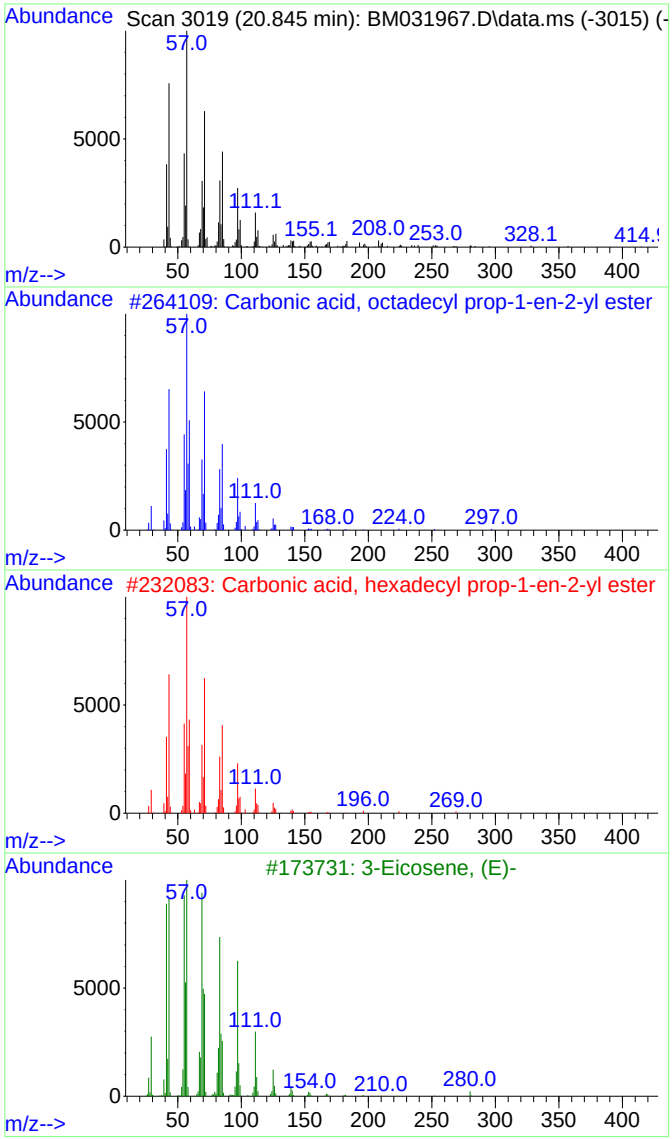
Quant Title : SVOA CALIBRATION

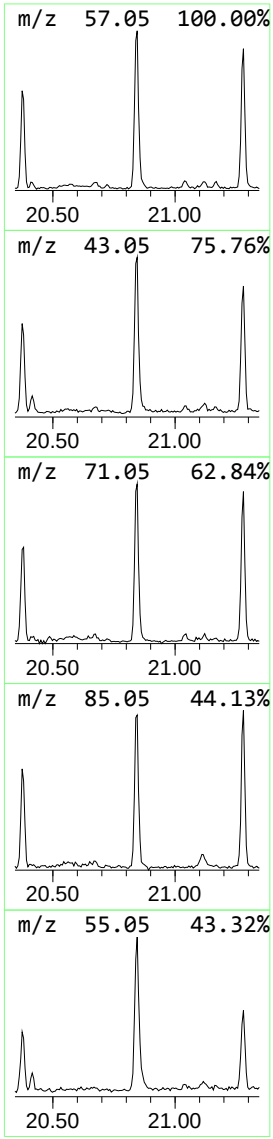
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Carbonic acid, octadecyl pr... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.845	2.67 ng/ul	255249	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
5	Tritetracontane	605	C43H88	007098-21-7	87





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Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKE1

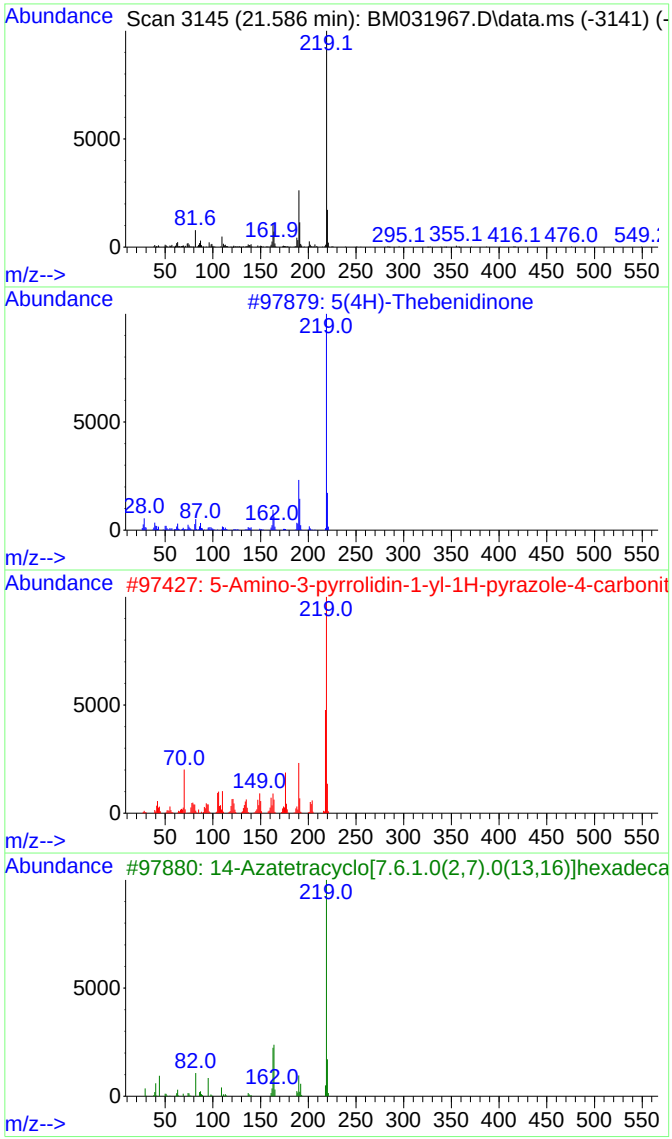
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

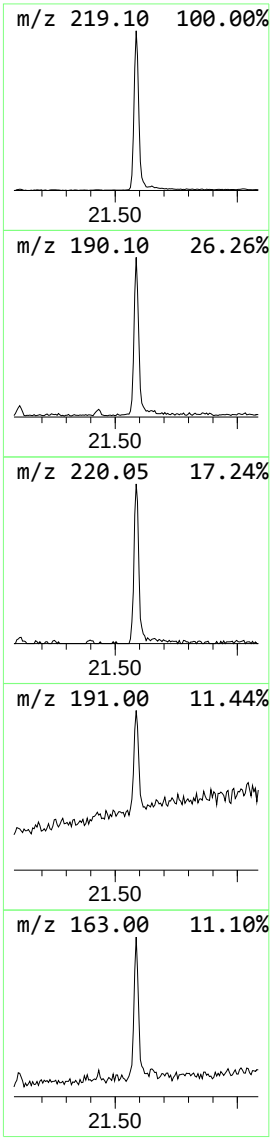
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 5(4H)-Thebenidinone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.586	3.26 ng/ul	311279	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(4H)-Thebenidinone	219	C15H9NO	064884-40-8	87
2	5-Amino-3-pyrrolidin-1-yl-1H-pyr...	219	C11H17N5	1000499-90-1	64
3	14-Azatetracyclo[7.6.1.0(2,7).0(...	219	C15H9NO	042326-31-8	59
4	2-Phenyl-6-vinylindolizine	219	C16H13N	077652-49-4	50
5	11H-Pyrido[3',2'-4,5]pyrrolo[3,2...	219	C14H9N3	1000212-49-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031967.D
Acq On : 31 Aug 2021 01:56
Operator : CG/JU
Sample : M3422-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.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
Indene	8.034	2.8	ng/ul	66345	1	7.510	479845	20.0
3-Phenylbut-1-ene	9.669	3.0	ng/ul	113846	2	10.269	748937	20.0
Benzo[b]thiophe...	11.828	3.4	ng/ul	127305	2	10.269	748937	20.0
Naphthalene, 2-...	13.169	2.7	ng/ul	177355	3	14.145	1334170	20.0
Naphthalene, 1,...	13.322	5.8	ng/ul	383441	3	14.145	1334170	20.0
Naphthalene, 2,...	13.463	9.3	ng/ul	623990	3	14.145	1334170	20.0
Naphthalene, 2,...	13.516	4.5	ng/ul	300565	3	14.145	1334170	20.0
Naphthalene, 1,...	13.704	3.8	ng/ul	252456	3	14.145	1334170	20.0
2-Naphthaleneca...	14.292	8.2	ng/ul	550004	3	14.145	1334170	20.0
Indane-5-carbox...	14.657	2.5	ng/ul	166961	3	14.145	1334170	20.0
Phenol, 2,3,5,6...	14.704	7.6	ng/ul	505281	3	14.145	1334170	20.0
unknown-01	15.363	2.5	ng/ul	169544	3	14.145	1334170	20.0
unknown-02	15.451	3.0	ng/ul	198321	3	14.145	1334170	20.0
2,4,6-Cyclohept...	15.504	2.8	ng/ul	184070	3	14.145	1334170	20.0
Dibenzofuran, 4...	15.651	3.9	ng/ul	330206	4	16.904	1702160	20.0
1(2H)-Acenaphth...	15.892	5.5	ng/ul	466410	4	16.904	1702160	20.0
Dibenzothiophene	16.721	3.4	ng/ul	287015	4	16.904	1702160	20.0
3-Methylcarbazole	17.827	9.2	ng/ul	785060	4	16.904	1702160	20.0
4H-Cyclopenta[d...	17.974	2.4	ng/ul	207906	4	16.904	1702160	20.0
9H-Carbazole, 2...	18.092	3.3	ng/ul	283608	4	16.904	1702160	20.0
9H-Carbazole, 9...	18.139	3.6	ng/ul	307885	4	16.904	1702160	20.0
4-Methylcarbazole	18.233	3.4	ng/ul	289311	4	16.904	1702160	20.0
9,10-Anthracene...	18.339	2.4	ng/ul	202721	4	16.904	1702160	20.0
Octadecanoic acid	19.115	2.3	ng/ul	216898	5	21.109	1909020	20.0
4H-Benzo[def]ca...	19.727	2.7	ng/ul	261807	5	21.109	1909020	20.0
3-Acridinol	19.803	4.6	ng/ul	443092	5	21.109	1909020	20.0
4-Methyl-acridone	20.456	3.0	ng/ul	287616	5	21.109	1909020	20.0
Carbonic acid, ...	20.845	2.7	ng/ul	255249	5	21.109	1909020	20.0
5(4H)-Thebenidi...	21.586	3.3	ng/ul	311279	5	21.109	1909020	20.0