

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034703.D
 Acq On : 15 Apr 2022 15:49
 Operator : CG/JU
 Sample : N2290-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFC8

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-BM040922.M
 Title : SVOA CALIBRATION

Signal : TIC: BM034703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.237	31	34	41	rVB2	17107	23943	2.06%	0.143%
2	3.672	105	108	120	rBV	46245	79267	6.82%	0.475%
3	3.996	159	163	168	rBV2	26658	34062	2.93%	0.204%
4	6.372	565	567	571	rVB5	6834	8124	0.70%	0.049%
5	6.531	588	594	602	rVB	314561	462748	39.81%	2.773%
6	6.795	636	639	641	rBV4	5548	7488	0.64%	0.045%
7	6.837	641	646	650	rVV2	30622	48970	4.21%	0.293%
8	6.878	650	653	658	rVB3	10535	16159	1.39%	0.097%
9	7.019	671	677	696	rBV	117559	264784	22.78%	1.587%
10	7.178	699	704	717	rVV	120892	217328	18.70%	1.303%
11	7.384	733	739	748	rBV	162600	294521	25.34%	1.765%
12	7.854	812	819	831	rVV	342396	606364	52.16%	3.634%
13	7.990	838	842	850	rVB	9466	18106	1.56%	0.109%
14	8.084	852	858	864	rVB5	13923	23902	2.06%	0.143%
15	8.166	867	872	877	rVB4	11887	18920	1.63%	0.113%
16	8.572	934	941	957	rBV	153719	335445	28.86%	2.010%
17	8.689	957	961	970	rVB2	11784	25799	2.22%	0.155%
18	8.795	975	979	983	rVB6	7125	11640	1.00%	0.070%
19	9.019	1009	1017	1035	rBV	139579	294308	25.32%	1.764%
20	9.572	1107	1111	1116	rVB3	18514	27999	2.41%	0.168%
21	9.666	1123	1127	1132	rVB6	3760	7086	0.61%	0.042%
22	9.748	1132	1141	1153	rBV	108029	224779	19.34%	1.347%
23	9.960	1171	1177	1184	rVV7	23325	43858	3.77%	0.263%
24	10.072	1191	1196	1201	rVB8	7498	12431	1.07%	0.075%
25	10.207	1214	1219	1222	rBV5	6146	7414	0.64%	0.044%
26	10.289	1222	1233	1250	rVV	129288	323547	27.83%	1.939%
27	10.431	1253	1257	1265	rVB	35539	61291	5.27%	0.367%
28	10.525	1270	1273	1276	rVV5	5267	8323	0.72%	0.050%
29	10.566	1276	1280	1286	rVV2	11927	21785	1.87%	0.131%
30	10.660	1289	1296	1302	rVV	464137	797345	68.59%	4.779%
31	10.719	1302	1306	1312	rVV	75552	139351	11.99%	0.835%
32	10.813	1316	1322	1343	rVV	66823	257460	22.15%	1.543%
33	10.966	1343	1348	1353	rVV4	26996	56143	4.83%	0.336%
34	11.013	1353	1356	1358	rVV4	9474	13562	1.17%	0.081%
35	11.060	1361	1364	1372	rVV9	5370	13872	1.19%	0.083%
36	11.201	1385	1388	1394	rVB3	11045	17717	1.52%	0.106%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034703.D
 Acq On : 15 Apr 2022 15:49
 Operator : CG/JU
 Sample : N2290-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFC8

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-BM040922.M
 Title : SVOA CALIBRATION

37	12.030	1525	1529	1535	rVB4	7257	11256	0.97%	0.067%
38	12.277	1565	1571	1573	rBV6	2610	5075	0.44%	0.030%
39	12.401	1587	1592	1600	rBV2	17224	31423	2.70%	0.188%
40	12.677	1635	1639	1647	rBV7	6168	12079	1.04%	0.072%
41	12.789	1652	1658	1667	rVB8	7261	15769	1.36%	0.095%
42	13.260	1732	1738	1746	rVV8	9897	20757	1.79%	0.124%
43	13.760	1817	1823	1829	rBV4	8002	13739	1.18%	0.082%
44	13.830	1829	1835	1840	rBV	51367	75036	6.45%	0.450%
45	13.913	1843	1849	1860	rBV	363921	588200	50.60%	3.525%
46	14.195	1888	1897	1910	rBV	406078	654051	56.26%	3.920%
47	14.501	1940	1949	1960	rBV	655044	971771	83.60%	5.824%
48	14.754	1985	1992	1997	rBV8	10403	25035	2.15%	0.150%
49	14.818	2002	2003	2009	rVB6	3889	5269	0.45%	0.032%
50	15.495	2112	2118	2133	rVV	511819	843777	72.59%	5.057%
51	15.618	2133	2139	2148	rVV2	91680	187145	16.10%	1.122%
52	15.701	2151	2153	2154	rVV2	6003	5229	0.45%	0.031%
53	15.736	2154	2159	2162	rVV6	9674	18105	1.56%	0.109%
54	15.777	2165	2166	2171	rVB5	3771	4442	0.38%	0.027%
55	15.836	2172	2176	2181	rVB7	5381	7709	0.66%	0.046%
56	15.889	2181	2185	2189	rBV5	6712	9305	0.80%	0.056%
57	16.071	2210	2216	2221	rVB8	6141	9204	0.79%	0.055%
58	16.318	2254	2258	2262	rBV7	5878	9354	0.80%	0.056%
59	16.389	2267	2270	2274	rVV6	2482	4121	0.35%	0.025%
60	16.530	2290	2294	2297	rVV5	3519	6162	0.53%	0.037%
61	16.660	2312	2316	2320	rBV5	2432	5181	0.45%	0.031%
62	17.042	2374	2381	2386	rVB9	2967	7039	0.61%	0.042%
63	17.242	2408	2415	2426	rBV	702264	1026391	88.29%	6.151%
64	17.342	2426	2432	2447	rVV	513178	829634	71.37%	4.972%
65	17.624	2478	2480	2485	rBV5	3098	4100	0.35%	0.025%
66	17.718	2492	2496	2500	rBV6	5637	6606	0.57%	0.040%
67	18.001	2540	2544	2546	rVV4	5026	6274	0.54%	0.038%
68	18.024	2546	2548	2552	rVB5	4577	4017	0.35%	0.024%
69	18.154	2566	2570	2573	rVB5	6930	10613	0.91%	0.064%
70	18.224	2578	2582	2584	rVV4	8927	11776	1.01%	0.071%
71	18.312	2596	2597	2604	rVB7	6283	9470	0.81%	0.057%
72	18.565	2636	2640	2644	rVV4	12304	18312	1.58%	0.110%
73	18.606	2644	2647	2651	rVB5	6324	8516	0.73%	0.051%
74	18.771	2672	2675	2679	rBV6	5678	8020	0.69%	0.048%
75	18.818	2679	2683	2689	rVV8	7083	11405	0.98%	0.068%
76	19.083	2724	2728	2730	rBV3	38820	52000	4.47%	0.312%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
 Data File : BM034703.D
 Acq On : 15 Apr 2022 15:49
 Operator : CG/JU
 Sample : N2290-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFC8

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-BM040922.M
 Title : SVOA CALIBRATION

77	19.106	2730	2732	2737	rVB2	50929	59959	5.16%	0.359%
78	19.148	2737	2739	2744	rVB6	3476	3924	0.34%	0.024%
79	19.206	2746	2749	2752	rBV4	8447	13006	1.12%	0.078%
80	19.271	2758	2760	2767	rVB5	5290	7488	0.64%	0.045%
81	19.448	2785	2790	2795	rVB7	20269	27095	2.33%	0.162%
82	19.495	2795	2798	2803	rBV7	4264	6360	0.55%	0.038%
83	19.553	2805	2808	2810	rBV4	4802	6119	0.53%	0.037%
84	19.636	2816	2822	2840	rBV	730136	1158960	99.70%	6.946%
85	19.842	2853	2857	2861	rBV6	14474	19701	1.69%	0.118%
86	19.965	2874	2878	2881	rBV6	10231	13862	1.19%	0.083%
87	20.277	2927	2931	2936	rBV3	80150	104688	9.01%	0.627%
88	20.436	2956	2958	2962	rVB4	16154	16519	1.42%	0.099%
89	20.512	2967	2971	2975	rVV	220203	278159	23.93%	1.667%
90	20.577	2975	2982	2989	rVB2	514582	808476	69.55%	4.845%
91	20.706	3000	3004	3009	rBV4	77137	101829	8.76%	0.610%
92	20.765	3010	3014	3020	rVB5	63621	92634	7.97%	0.555%
93	20.948	3041	3045	3051	rBV4	92208	135694	11.67%	0.813%
94	21.036	3057	3060	3065	rVB2	45469	53647	4.61%	0.322%
95	21.142	3074	3078	3082	rBV2	51865	71754	6.17%	0.430%
96	21.218	3089	3091	3095	rVB4	32823	37945	3.26%	0.227%
97	21.424	3122	3126	3140	rBV	545706	1062097	91.37%	6.365%
98	21.989	3218	3222	3227	rBV2	110432	146812	12.63%	0.880%
99	23.641	3497	3503	3510	rBV2	421171	917038	78.89%	5.496%
100	23.794	3522	3529	3544	rVB2	506823	1162460	100.00%	6.967%

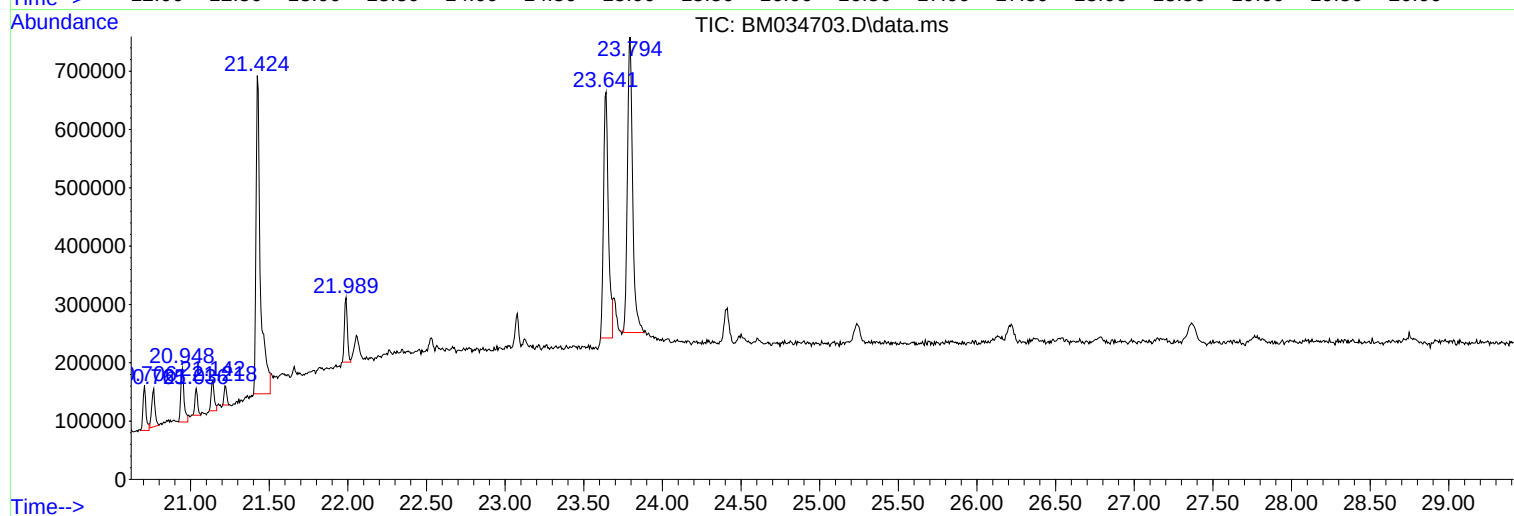
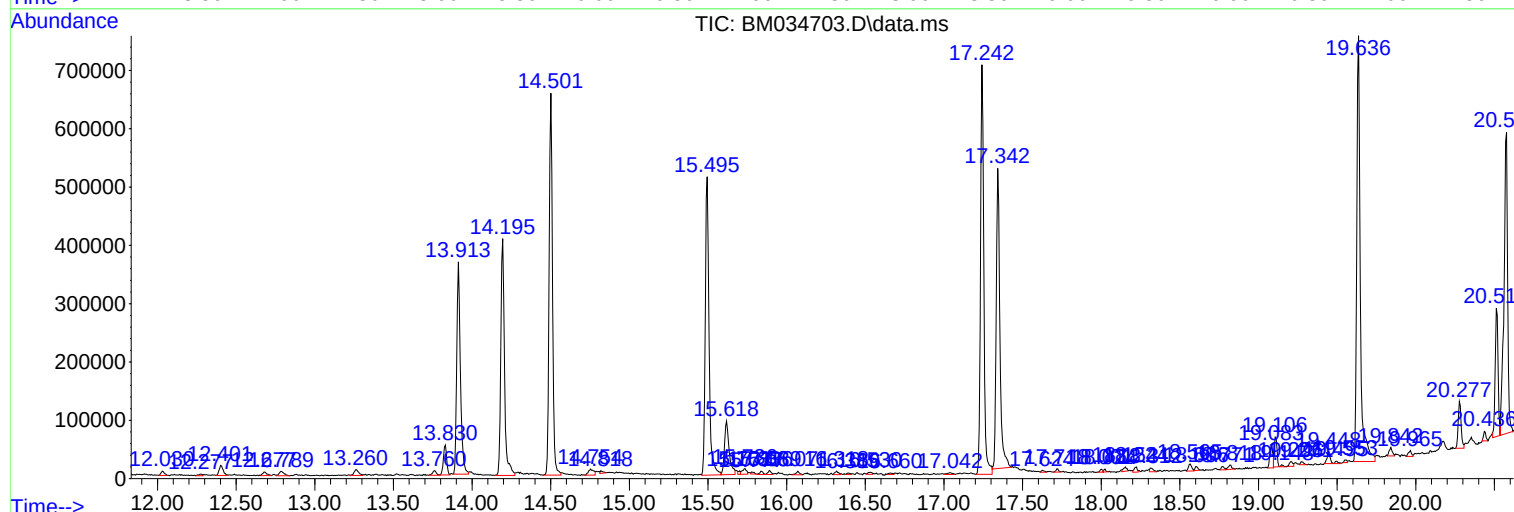
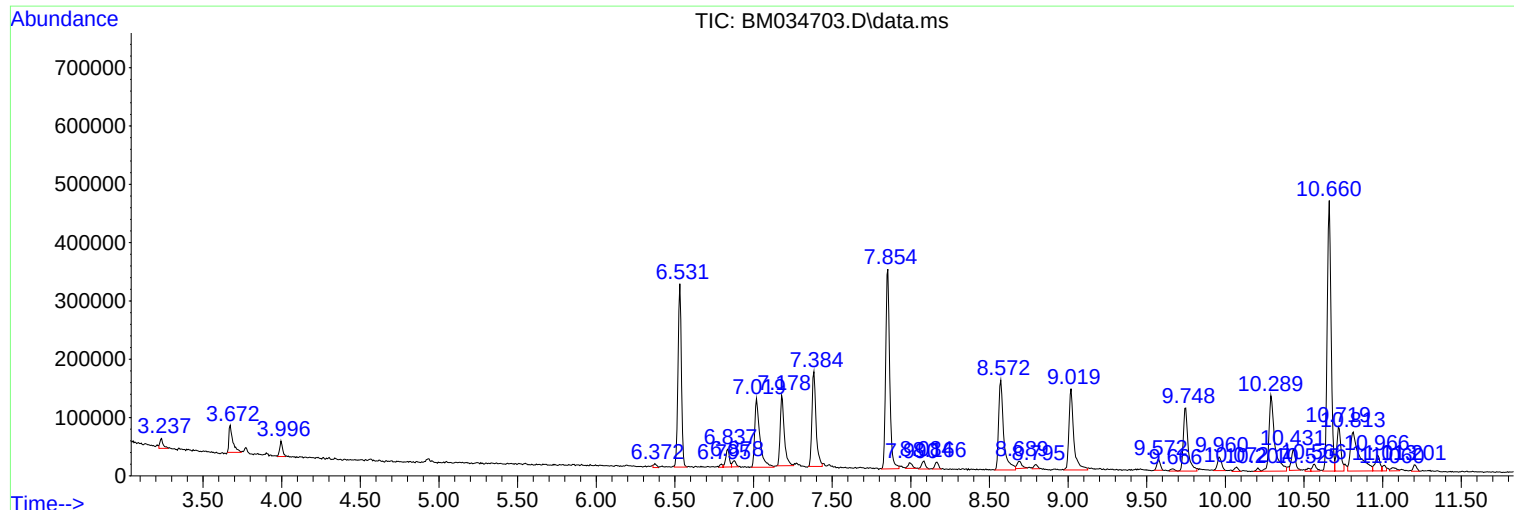
Sum of corrected areas: 16685434

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

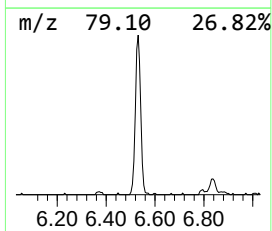
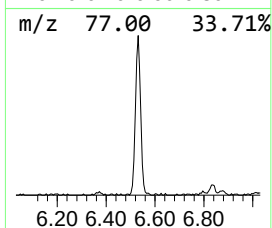
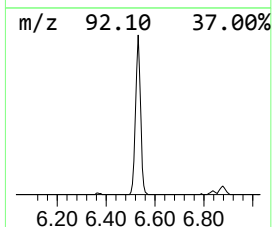
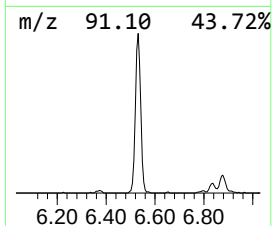
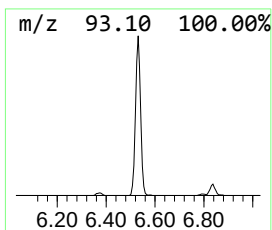
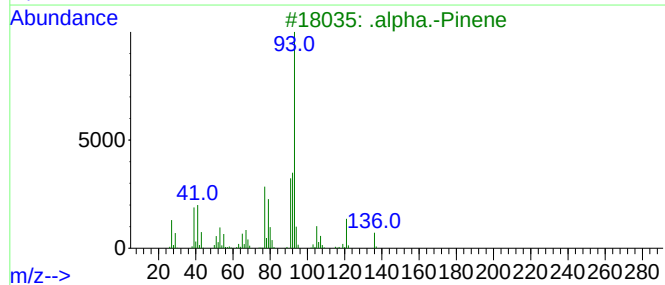
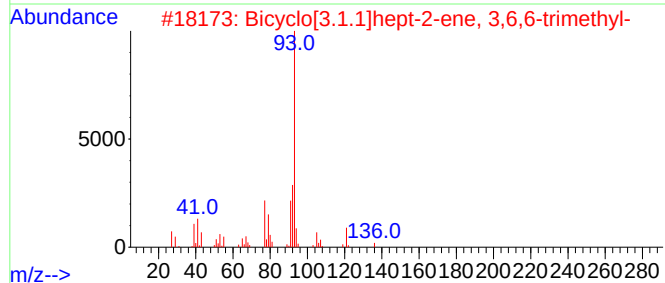
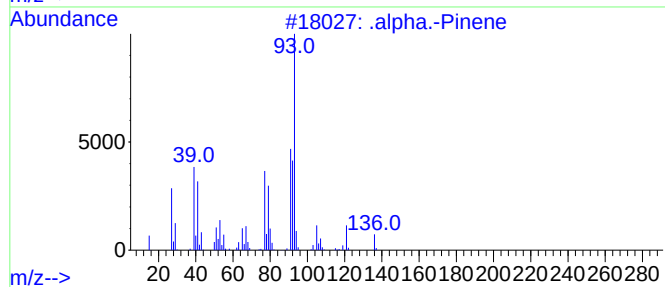
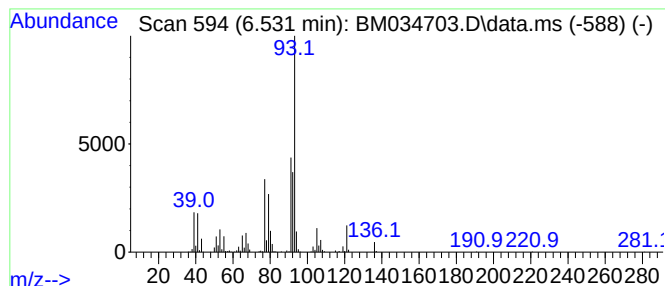
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.531	15.26 ng/ul	462748	1,4-Dichlorobenzene-d4	7.854

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	94
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	94
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000508-32-7	91
5	.		.alpha.-Pinene	136	C10H16	000080-56-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

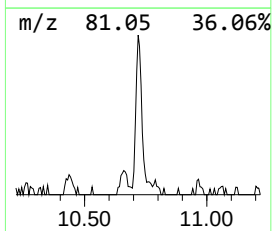
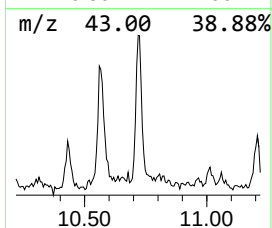
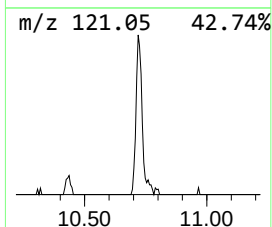
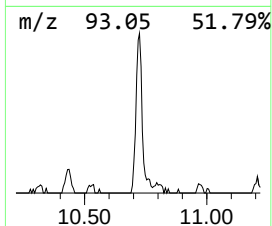
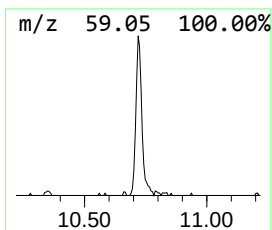
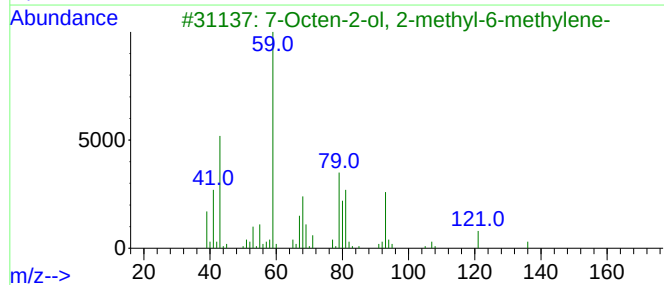
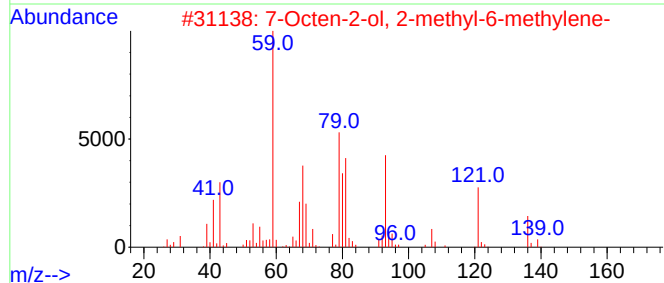
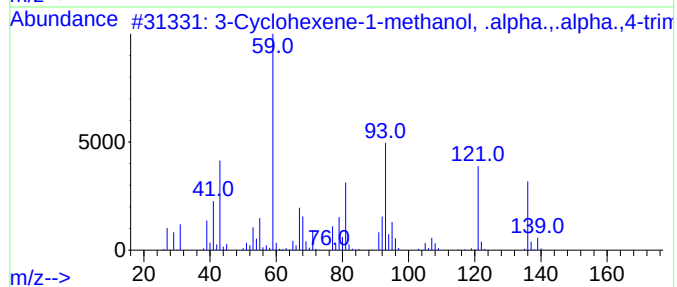
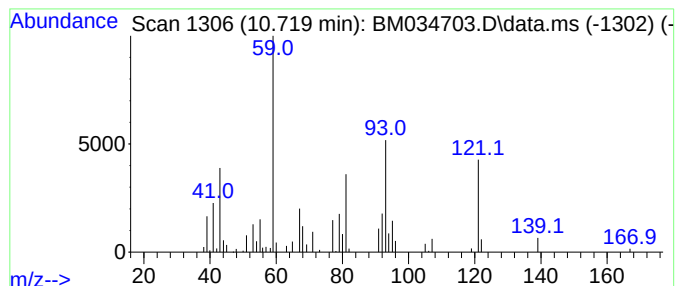
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 3-Cyclohexene-1-methanol, Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.719	3.50 ng/ul	139351	Naphthalene-d8	10.660

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	007785-53-7	90
2			7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	59
3			7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	50
4			.alpha.-Terpineol	154	C10H18O	000098-55-5	47
5			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

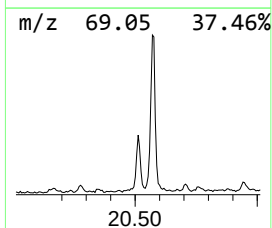
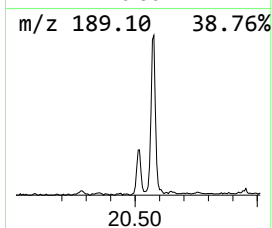
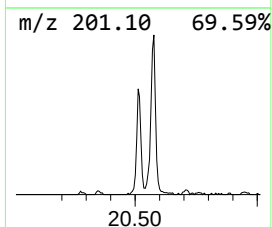
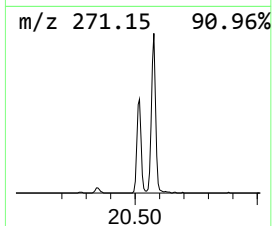
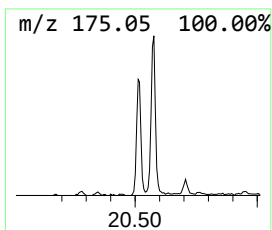
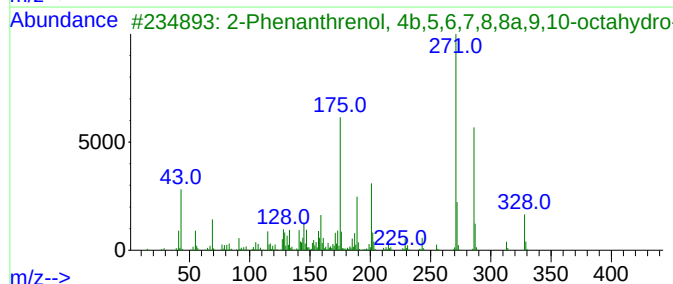
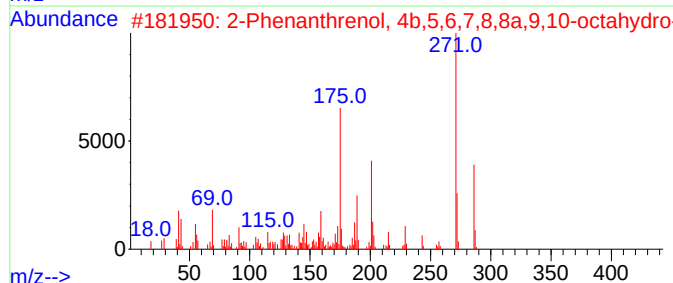
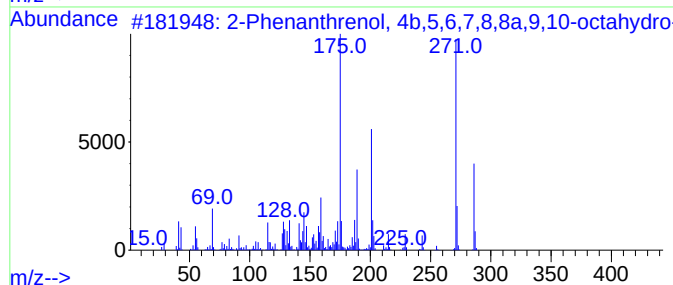
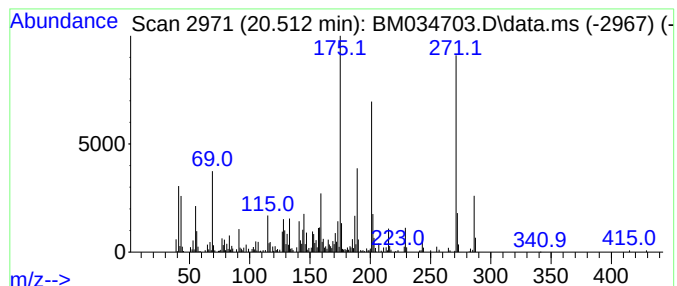
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.512	5.24 ng/ul	278159	Chrysene-d12	21.424

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99		
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	91		
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	90		
4	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	83		
5	Pisiferol	302	C20H30O2	024035-36-7	49		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

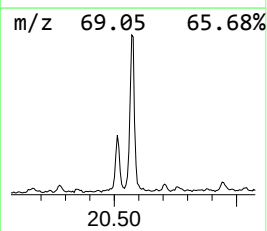
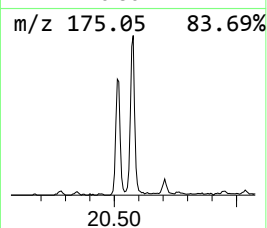
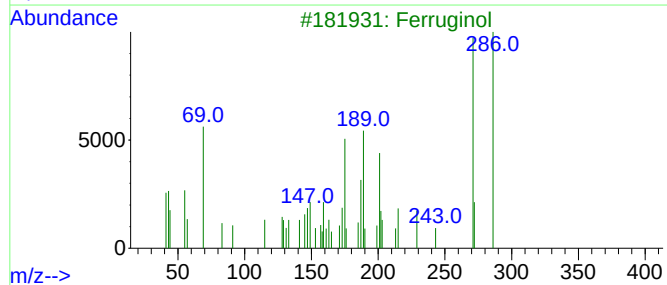
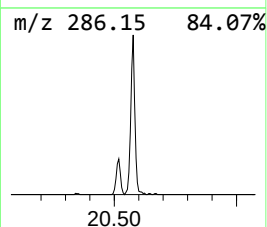
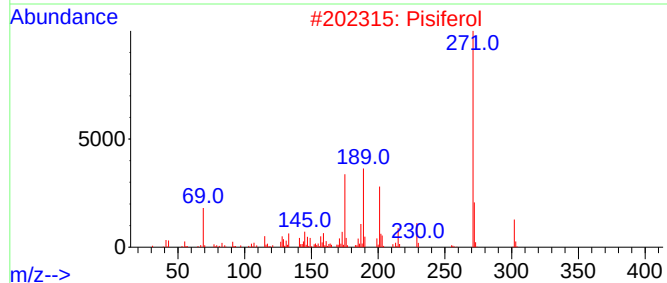
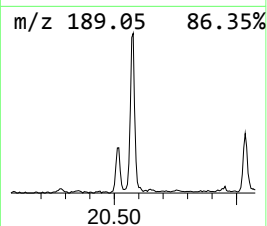
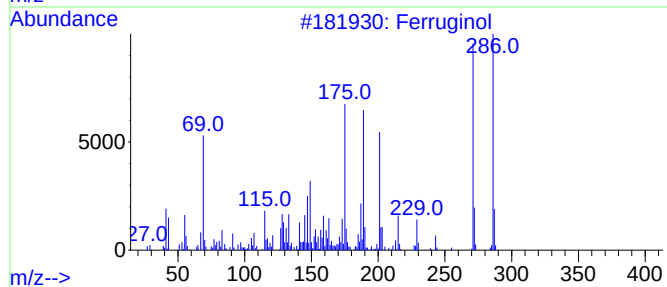
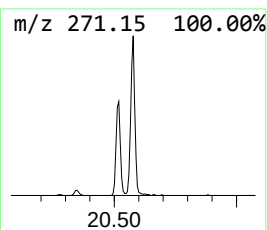
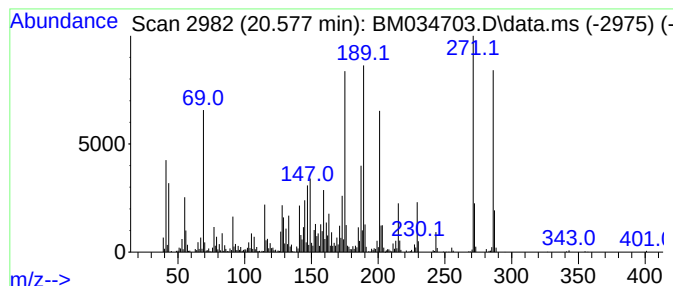
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Ferruginol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.577	15.22 ng/ul	808476	Chrysene-d12	21.424

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ferruginol	286	C20H300	000514-62-5	99
2			Pisiferol	302	C20H3002	024035-36-7	76
3			Ferruginol	286	C20H300	000514-62-5	64
4			(4Br,8As)-(+)-4B,5,6,7,8,8A,9,10...	346	C22H3403	1000426-72-2	62
5			13-Isopropylpodocarpene-12-ol-20-al	300	C20H2802	024035-37-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

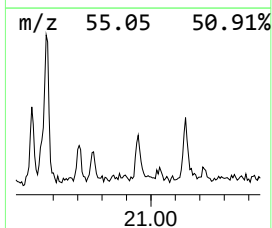
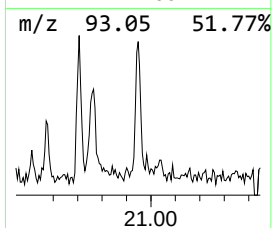
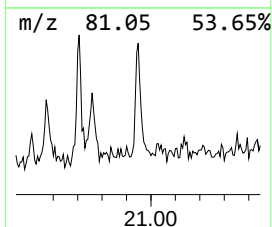
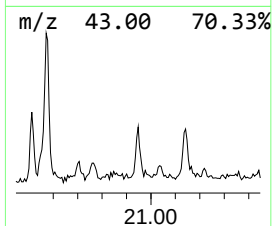
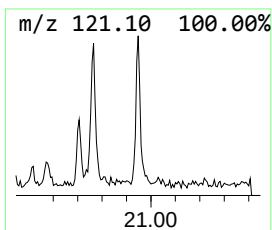
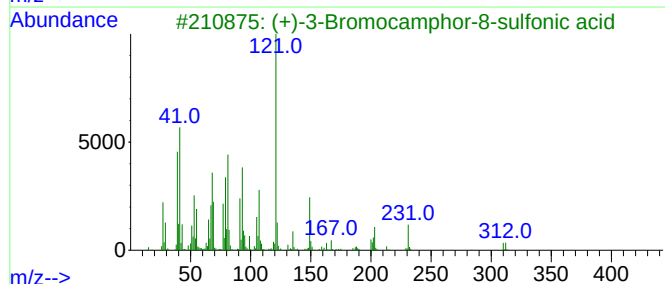
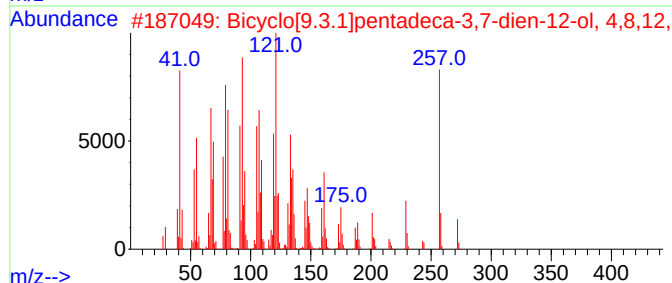
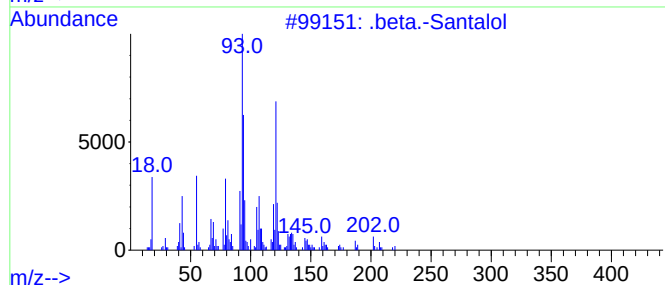
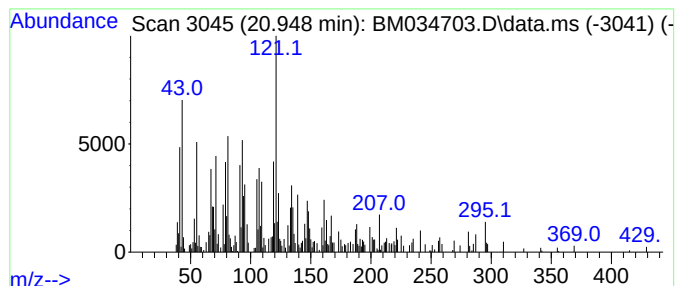
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 .beta.-Santalol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.948	2.56 ng/ul	135694	Chrysene-d12	21.424

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Santalol	220	C15H24O	000077-42-9	55
2			Bicyclo[9.3.1]pentadeca-3,7-dien...	290	C20H34O	070000-19-0	43
3			(+)-3-Bromocamphor-8-sulfonic acid	310	C10H15BrO4S	005344-58-1	38
4			(1R,4aR,5S)-5-((E)-5-Methoxy-3-m...	318	C21H34O2	1000495-78-7	38
5			Santolina triene	136	C10H16	002153-66-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

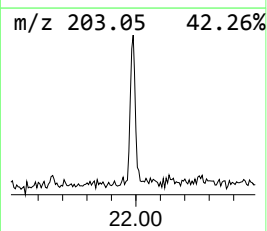
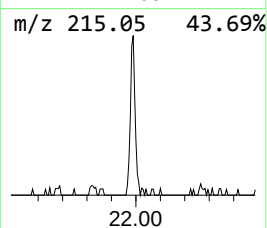
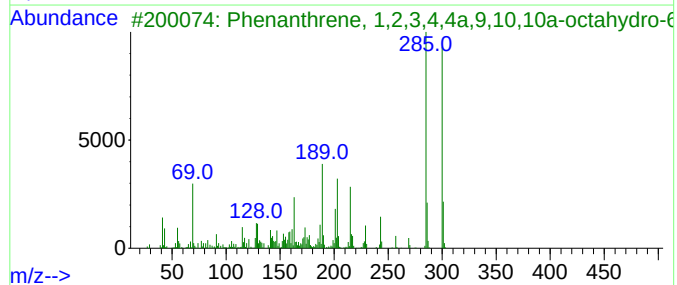
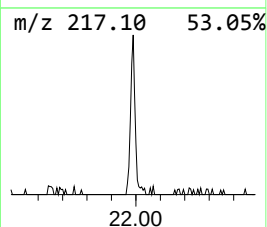
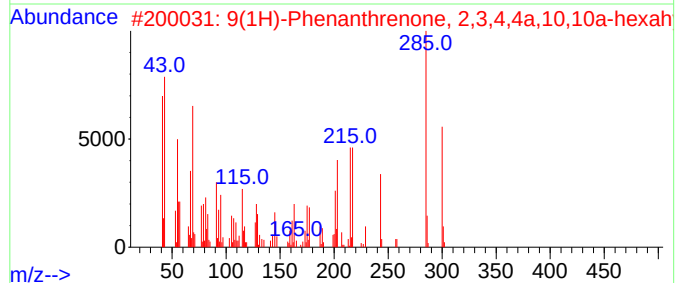
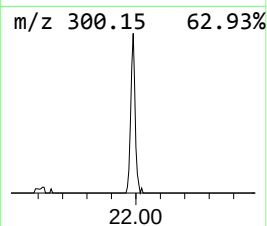
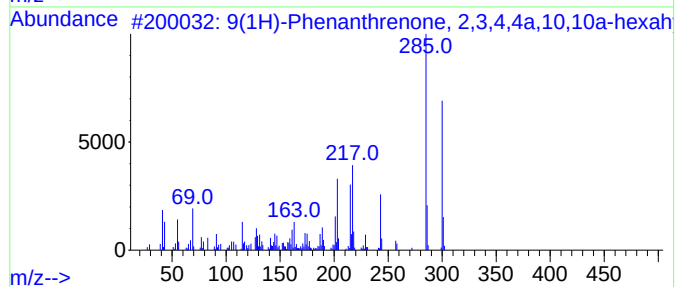
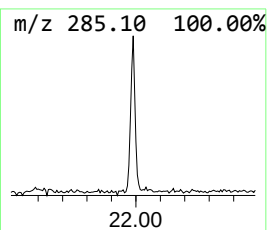
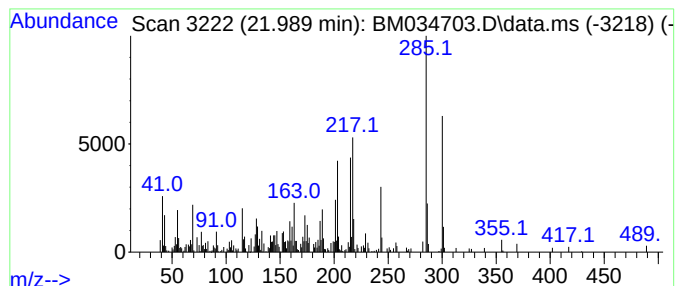
Instrument :
BNA_M
ClientSampleId :
BFFC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.989	2.76 ng/ul	146812	Chrysene-d12	21.424	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	96
2	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	93
3	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	89
4	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	87
5	2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034703.D
Acq On : 15 Apr 2022 15:49
Operator : CG/JU
Sample : N2290-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFFC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	6.531	15.3	ng/u1	462748	1	7.854	606364	20.0
3-Cyclohexene-1...	10.719	3.5	ng/u1	139351	2	10.660	797345	20.0
2-Phenanthrenol...	20.512	5.2	ng/u1	278159	5	21.424	1062100	20.0
Ferruginol	20.577	15.2	ng/u1	808476	5	21.424	1062100	20.0
.beta.-Santalol	20.948	2.6	ng/u1	135694	5	21.424	1062100	20.0
9(1H)-Phenanthr...	21.989	2.8	ng/u1	146812	5	21.424	1062100	20.0