LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

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-BM101724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048115.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	39	42	55	rVB	52148	96571	1.48%	0.108%
2	3.657	110	114	130	rBV	196541	402209	6.16%	0.451%
3	3.975	163	168	176	rVB	101746	160525	2.46%	0.180%
4	4.499	251	257	269	rVB	181706	321757	4.93%	0.361%
5	4.669	278	286	296	rVV	136196	278214	4.26%	0.312%
6	4.810	300	310	319	rVB	101772	193243	2.96%	0.217%
7	5.293	388	392	402	rVV3	43467	97656	1.50%	0.110%
8	5.422	408	414	423	rVV	69469	140362	2.15%	0.157%
9	5.563	433	438	446	rBV2	39663	90457	1.39%	0.101%
10	5.787	467	476	484	rBV4	76762	158762	2.43%	0.178%
11	6.463	585	591	597	rVB	161891	253514	3.88%	0.284%
12	6.946	664	673	690	rVV3	326054	982980	15.06%	1.102%
13	7.104	693	700	707	rVV	939743	1541630	23.61%	1.729%
14	7.210	714	718	725	rVV2	56875	111065	1.70%	0.125%
15	7.304	727	734	747	rVV	1103897	1900146	29.11%	2.131%
16	7.422	748	754	761	rVV2	148818	264849	4.06%	0.297%
17	7.493	761	766	777	rVV	60486	117628	1.80%	0.132%
18	7.769	806	813	820	rBV	791216	1336173	20.47%	1.498%
19	7.840	820	825	829	rVV	122724	236623	3.62%	0.265%
20	7.887	829	833	846	rVV2	114956	231273	3.54%	0.259%
21	8.145	870	877	883	rBV	59684	106451	1.63%	0.119%
22	8.216	883	889	894	rBV	112405	181484	2.78%	0.204%
23	8.304	894	904	911	rVV2	1098901	2393157	36.66%	2.684%
24	8.481	927	934	940	rVV	920111	1549561	23.74%	1.738%
25	8.551	940	946	951	rVV	256607	553448	8.48%	0.621%
26	8.592	951	953	960	rVV2	68329	129754	1.99%	0.146%
27	8.663	960	965	971	rVV	56055	115214	1.76%	0.129%
28	8.869	993	1000	1004	rBV2	63478	118142	1.81%	0.132%
29	8.928	1004	1010	1020	rVV	1041973	1833075	28.08%	2.056%
30	9.063	1028	1033	1038	rVV	73312	112767	1.73%	0.126%
31	9.122	1038	1043	1049	rVB3	62322	94740	1.45%	0.106%
32	9.192	1049	1055	1059	rBV3	89719	164520	2.52%	0.184%
33	9.245	1059	1064	1070	rVB	70313	148552	2.28%	0.167%
34	9.457	1094	1100	1109	rBV	66769	141409	2.17%	0.159%
35	9.645	1125	1132	1139	rBV	912479	1519844	23.28%	1.704%
36	9.745	1143	1149	1150	rBV2	75714	105406	1.61%	0.118%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
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Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

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-BM101724.MA.M
Title : SVOA CALIBRATION

37	9.775	1150	1154	1159	rVB	153003	239961	3.68%	0.269%
38	9.975	1181	1188	1196	rBV5	139315	390295	5.98%	0.438%
39	10.051	1196	1201	1208	rVV2	278133	515985	7.90%	0.579%
40	10.116	1208	1212	1216	rVV5	50088	91538	1.40%	0.103%
41	10.186	1216	1224	1234	rVB	1406048	2613005	40.02%	2.930%
42	10.439	1261	1267	1280	rVB6	43362	117662	1.80%	0.132%
43	10.563	1280	1288	1291	rBV	1051611	1824535	27.95%	2.046%
44	10.610	1291	1296	1304	rVV	3791356	6528530	100.00%	7.321%
45	10.698	1304	1311	1326	rVB2	763491	2063280	31.60%	2.314%
46	11.116	1376	1382	1389	rVV	140760	252114	3.86%	0.283%
47	11.351	1414	1422	1426	rBV	73797	167336	2.56%	0.188%
48	11.398	1426	1430	1439	rVB4	76917	170727	2.62%	0.191%
49	11.504	1439	1448	1457	rBV4	62399	170321	2.61%	0.191%
50	11.757	1486	1491	1496	rBV	49952	105085	1.61%	0.118%
51	11.945	1519	1523	1531	rVB	105255	189565	2.90%	0.213%
52	12.057	1536	1542	1548	rBV	126812	236196	3.62%	0.265%
53	12.222	1563	1570	1585	rVB	467910	820982	12.58%	0.921%
54	12.363	1586	1594	1602	rBV3	117114	342059	5.24%	0.384%
55	12.445	1602	1608	1616	rVB	370219	642366	9.84%	0.720%
56	12.692	1646	1650	1656	rVB5	54694	97836	1.50%	0.110%
57	12.945	1683	1693	1699	rBV9	61781	183626	2.81%	0.206%
58	13.157	1723	1729	1737	rBV6	56212	140807	2.16%	0.158%
59	13.239	1738	1743	1751	rVB3	90725	224988	3.45%	0.252%
60	13.327	1753	1758	1765	rBV	220132	365121	5.59%	0.409%
61	13.727	1820	1826	1831	rVV2	126180	270603	4.14%	0.303%
62	13.816	1832	1841	1847	rVB	2216625	3097441	47.44%	3.473%
63	13.951	1858	1864	1869	rBV3	97597	194988	2.99%	0.219%
64	14.098	1883	1889	1902	rVV2	2705366	4616021	70.71%	5.176%
65	14.210	1903	1908	1913	rVV6	57441	102868	1.58%	0.115%
66	14.269	1913	1918	1924	rVB	289988	461045	7.06%	0.517%
67	14.404	1931	1941	1947	rBV	1571359	2653495	40.64%	2.976%
68	14.469	1948	1952	1956	rVV	153023	219014	3.35%	0.246%
69	14.598	1969	1974	1975	rBV4	81599	111297	1.70%	0.125%
70	14.627	1975	1979	1984	rVB	178275	305260	4.68%	0.342%
71	14.804	2005	2009	2017	rVV	193235	342548	5.25%	0.384%
72	14.927	2027	2030	2039	rVB2	88154	143408	2.20%	0.161%
73	15.016	2040	2045	2053	rBV2	46852	133713	2.05%	0.150%
74	15.398	2104	2110	2116	rVV	3464867	5045448	77.28%	5.658%
75	15.451	2116	2119	2125	rVB	268247	382889	5.86%	0.429%
76	15.521	2126	2131	2138	rBV	1153446	1662489	25.46%	1.864%

LSC Area Percent Report

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Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

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-BM101724.MA.M
Title : SVOA CALIBRATION

77	15.663	2151	2155	2162	rBV	114162	165686	2.54%	0.186%
78	15.845	2182	2186	2194	rVB2	215889	316911	4.85%	0.355%
79	16.098	2224	2229	2233	rBV4	203911	402022	6.16%	0.451%
80	16.245	2251	2254	2260	rVB	74695	111191	1.70%	0.125%
81	16.445	2280	2288	2293	rVB2	579249	922580	14.13%	1.035%
82	16.551	2301	2306	2313	rVB	326025	512562	7.85%	0.575%
83	17.145	2402	2407	2411	rBV	1776052	2513145	38.49%	2.818%
84	17.186	2411	2414	2418	rVV	333763	448031	6.86%	0.502%
85	17.245	2418	2424	2430	rVV2	3561401	5078155	77.78%	5.695%
86	17.521	2468	2471	2472	rBV	85145	106928	1.64%	0.120%
87	17.551	2473	2476	2481	rVB	310750	425979	6.52%	0.478%
88	17.645	2489	2492	2497	rVB2	178416	264243	4.05%	0.296%
89	17.715	2500	2504	2512	rVB	259470	476724	7.30%	0.535%
90	18.045	2557	2560	2565	rBV3	201232	258958	3.97%	0.290%
91	18.374	2612	2616	2619	rBV	229136	284451	4.36%	0.319%
92	18.768	2680	2683	2690	rVB2	136363	181774	2.78%	0.204%
93	19.321	2774	2777	2785	rVB3	288395	483269	7.40%	0.542%
94	19.533	2808	2813	2820	rBV	4025800	5857743	89.73%	6.569%
95	20.309	2941	2945	2952	rBV	602691	759466	11.63%	0.852%
96	21.021	3062	3066	3074	rVB	775364	1049991	16.08%	1.177%
97	21.374	3121	3126	3133	rVB	1735507	2587725	39.64%	2.902%
98	22.744	3355	3359	3369	rVB	488008	834695	12.79%	0.936%
99	24.156	3591	3599	3612	rVB2	2319445	5811598	89.02%	6.517%
100	24.356	3626	3633	3648	rVB	1161243	2902322	44.46%	3.255%

Sum of corrected areas: 89175757

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
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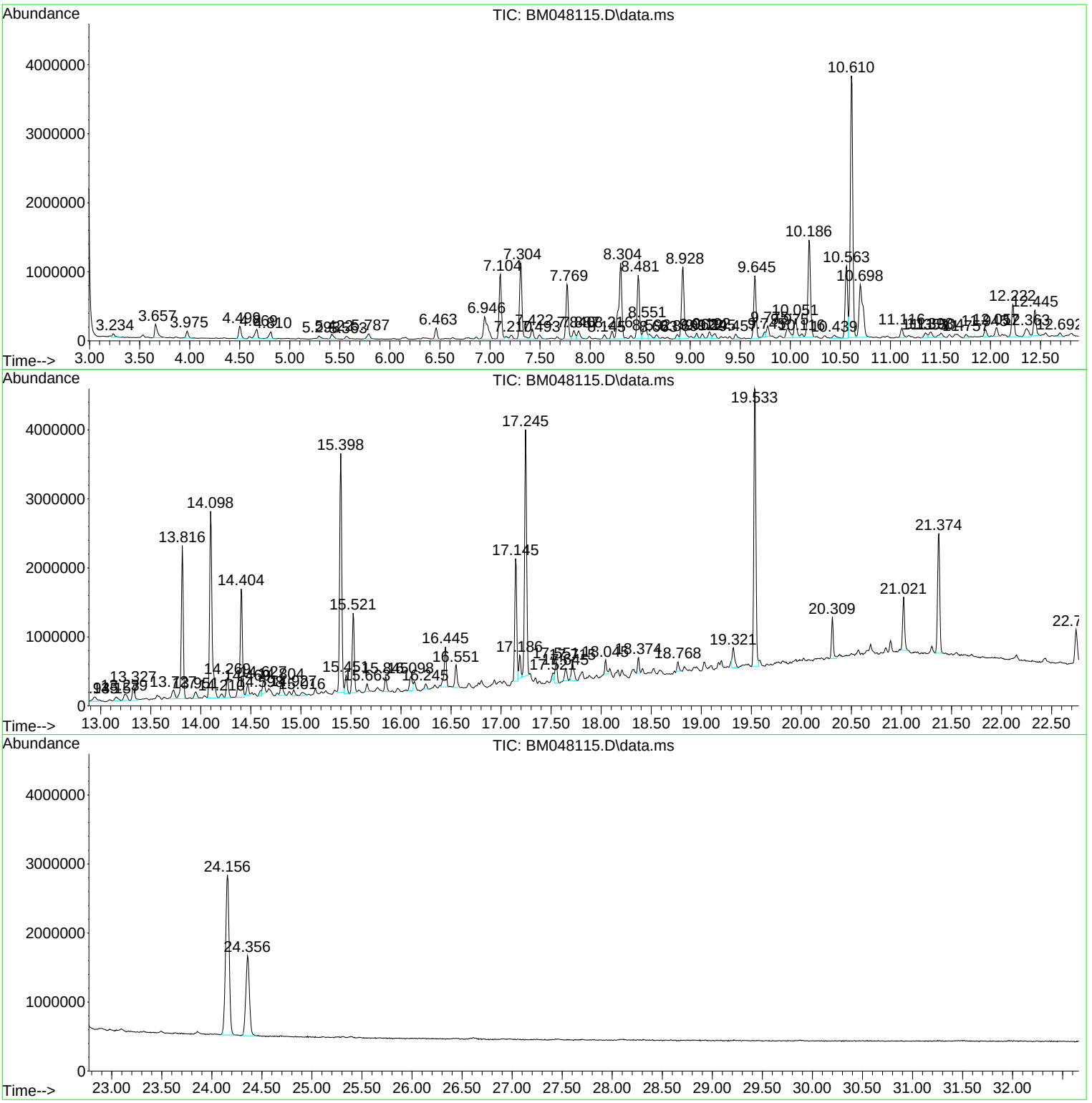
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

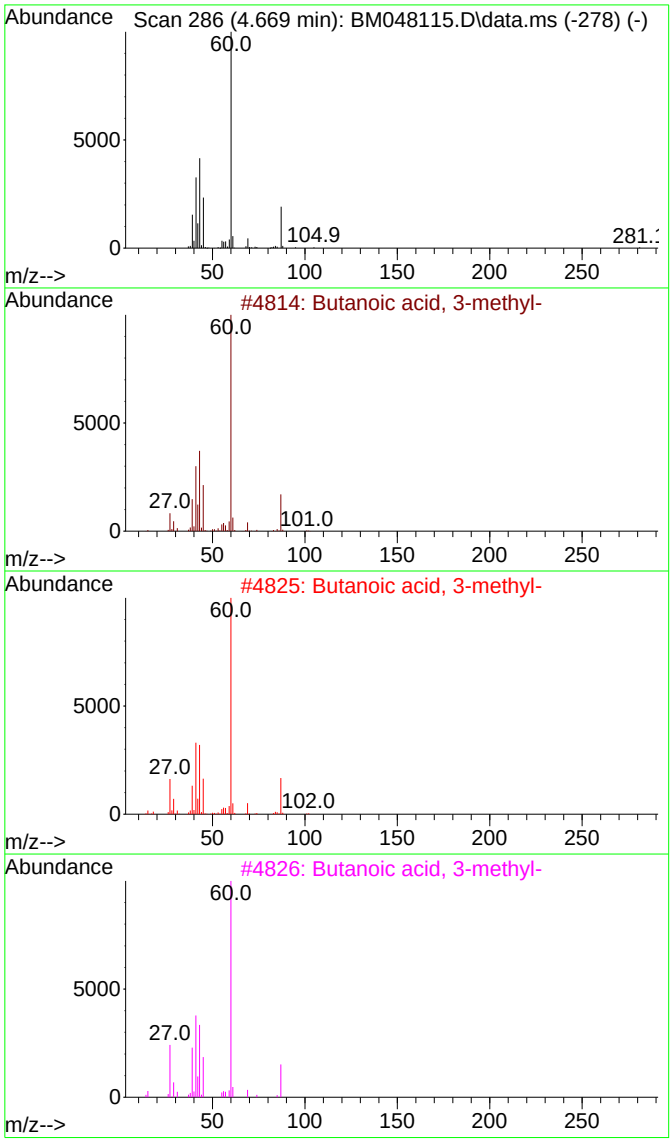
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

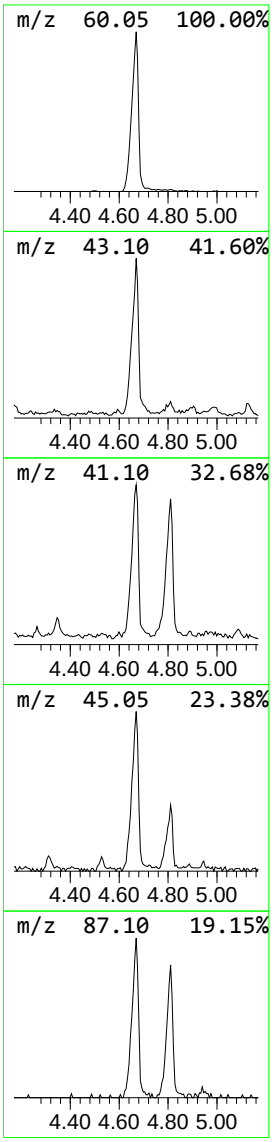
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.669	4.16 ng/ul	278214	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	74
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	56
5	Heptanoic acid	130	C7H14O2	000111-14-8	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

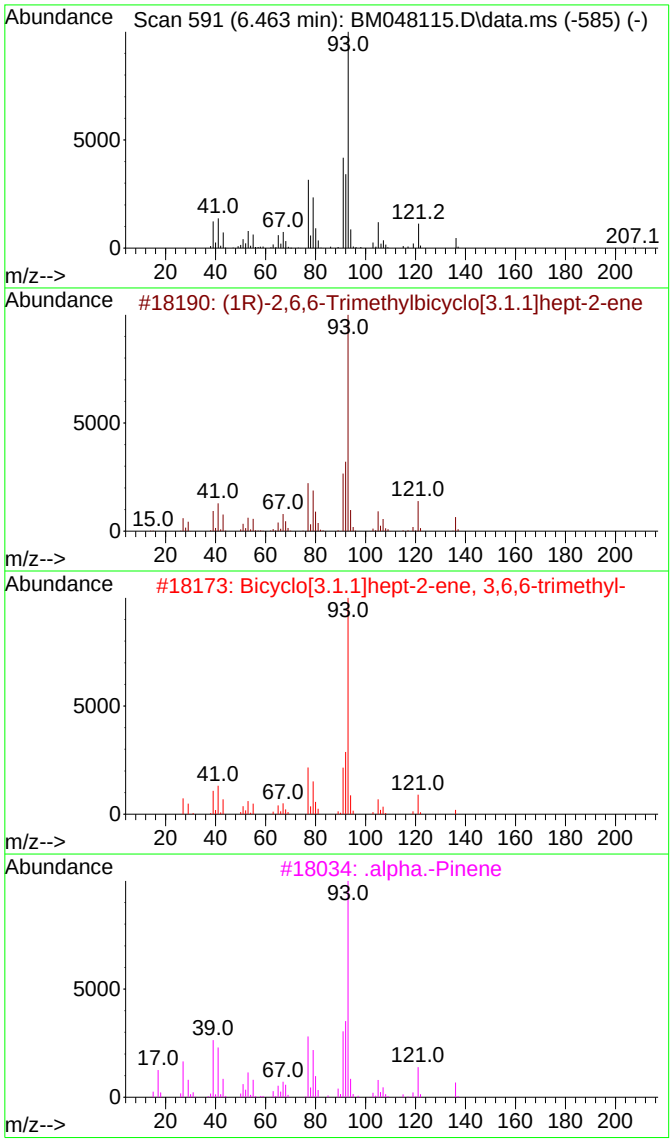
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

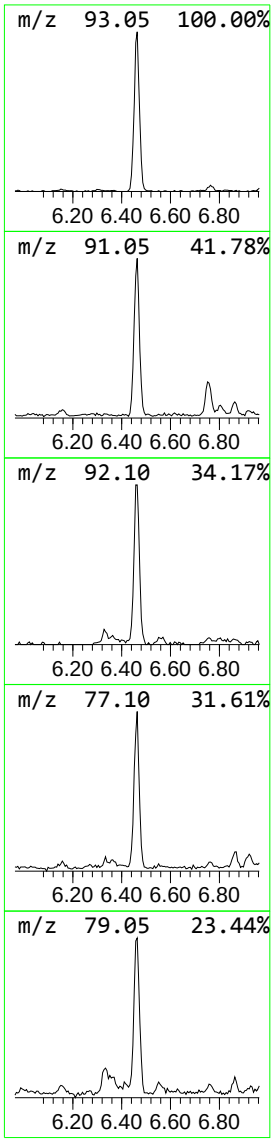
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.463	3.79 ng/ul	253514	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
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Sample : P4380-05
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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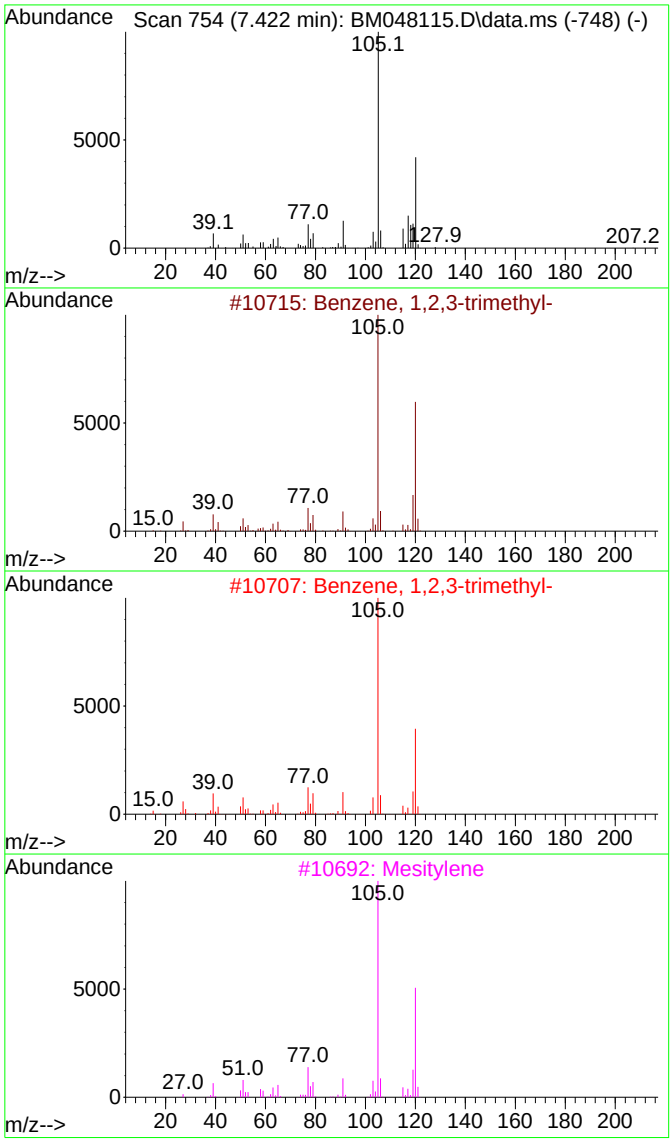
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

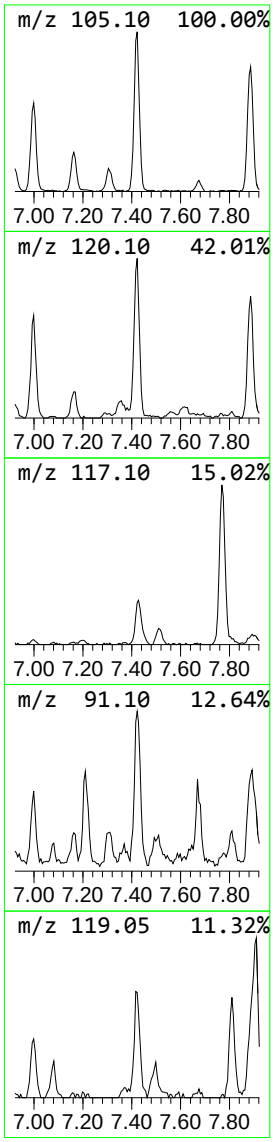
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	3.96 ng/ul	264849	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
3	Mesitylene	120	C9H12	000108-67-8	76
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5	Mesitylene	120	C9H12	000108-67-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
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Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

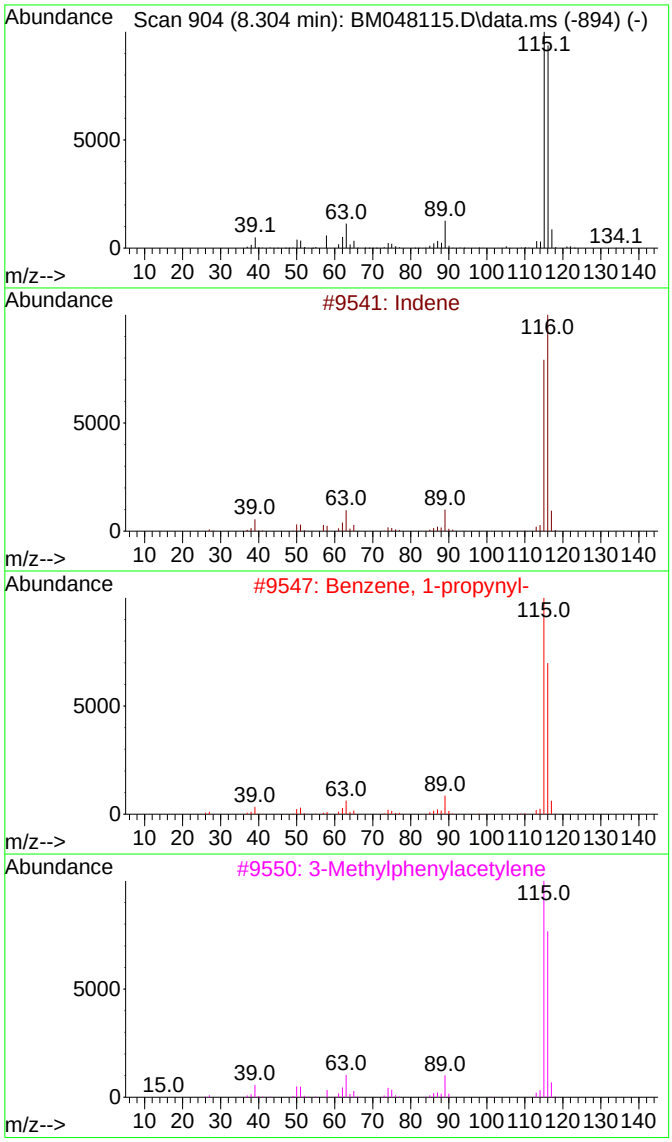
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

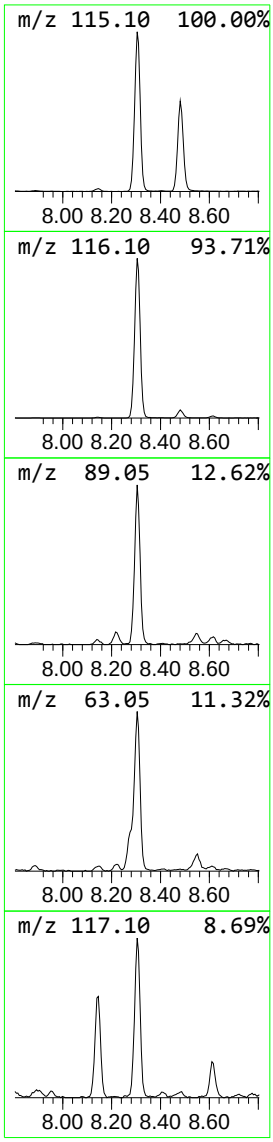
****

Peak Number 11 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	35.82 ng/ul	2393160	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

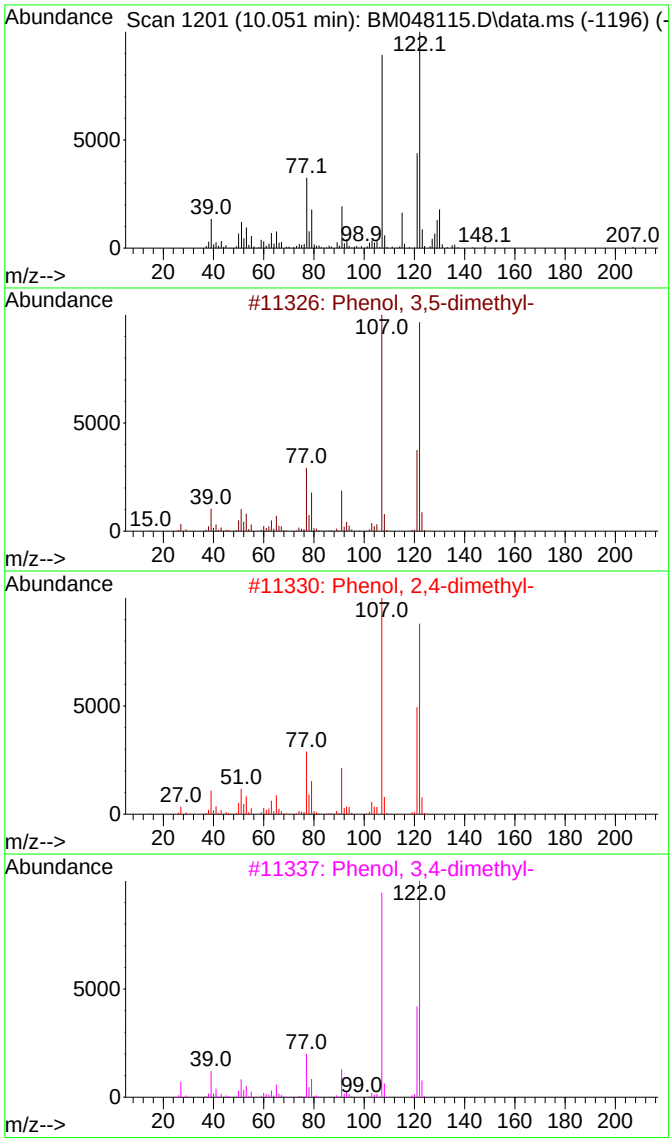
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

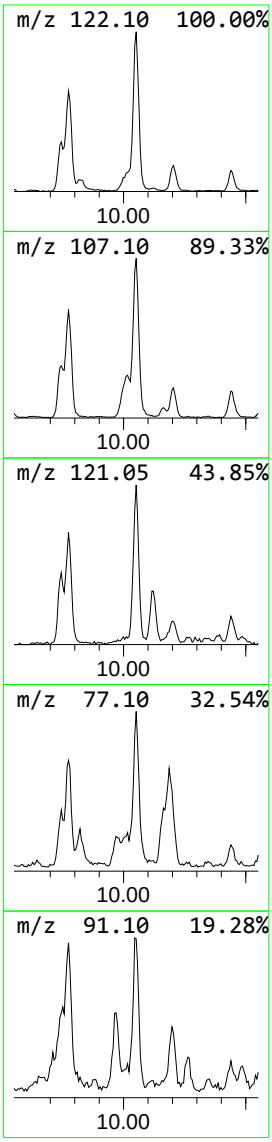
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	5.66 ng/ul	515985	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	81
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	81
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	81





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Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

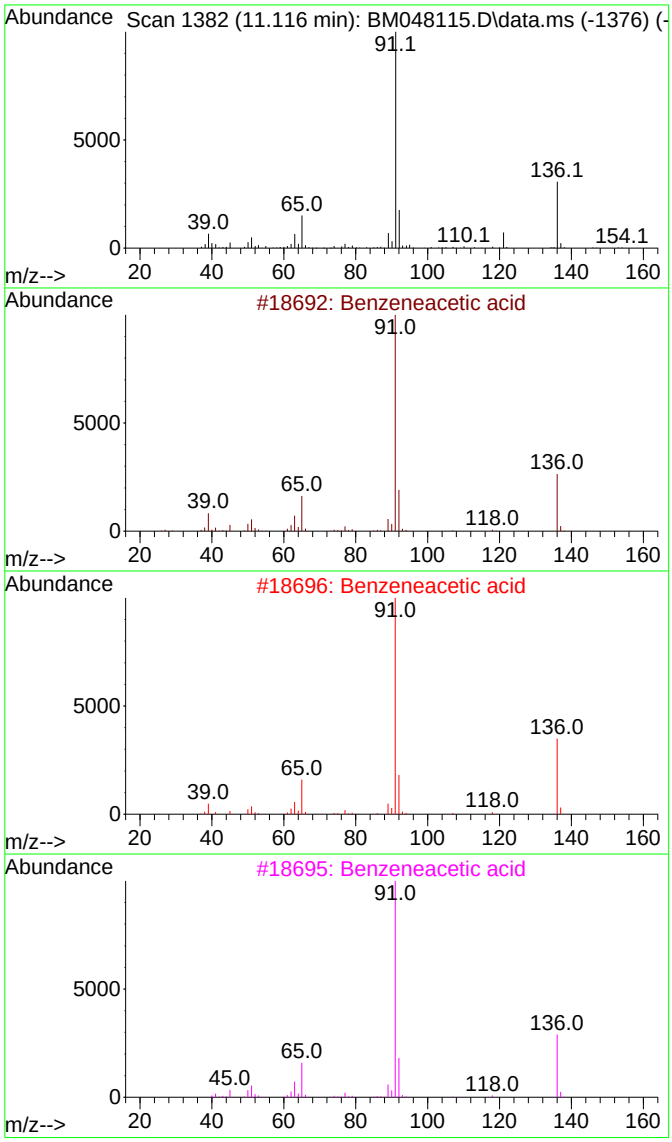
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

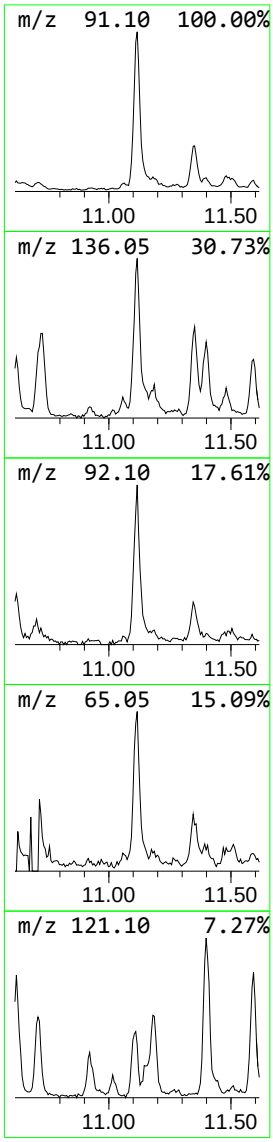
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzeneacetic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.76 ng/ul	252114	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	93
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
4	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
5	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	59





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Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

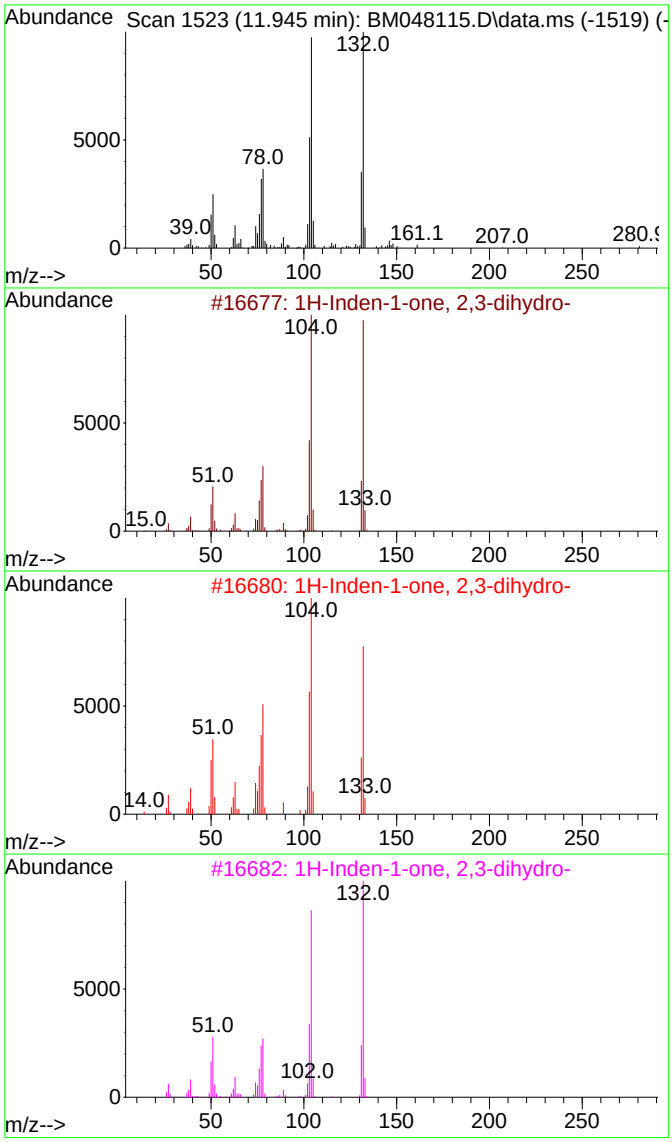
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

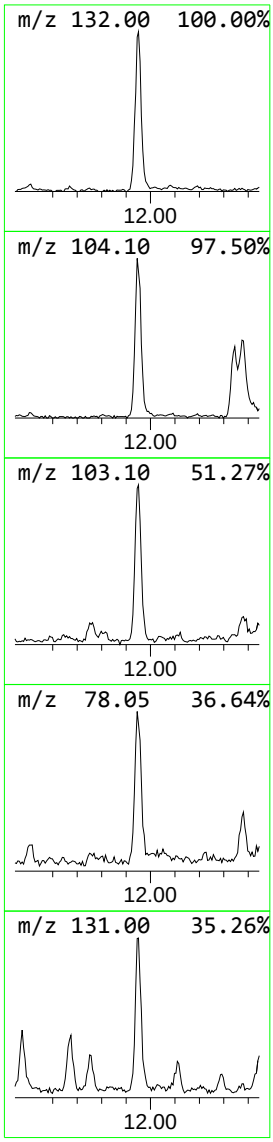
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.08 ng/ul	189565	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
4	Styrene	104	C8H8	000100-42-5	90
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	72





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Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

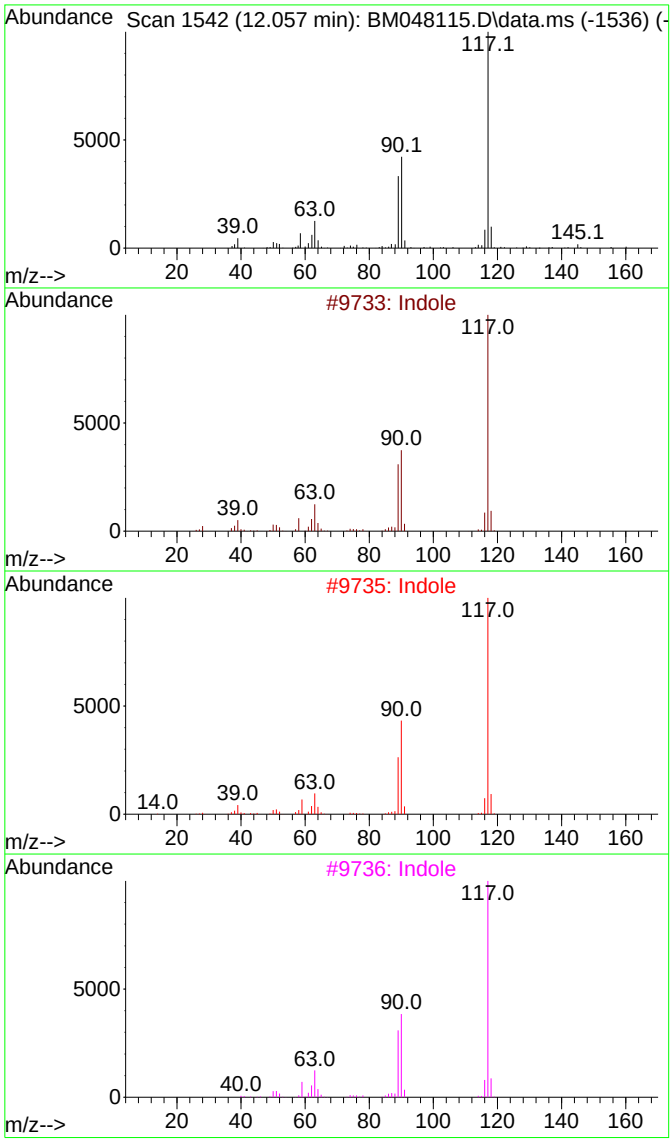
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

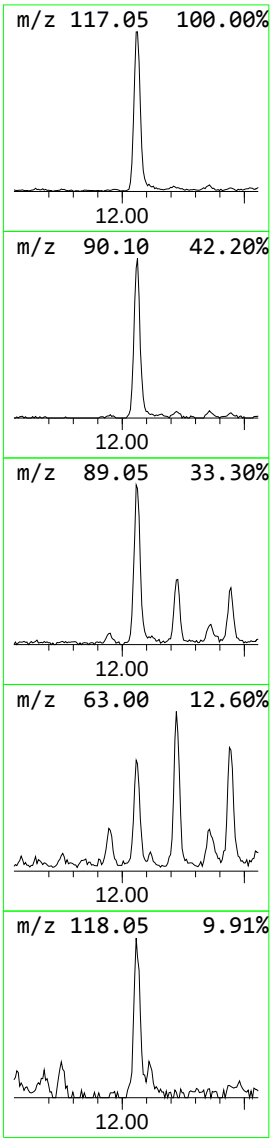
****

Peak Number 16 Indole Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	2.59 ng/ul	236196	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	95
2	Indole	117	C8H7N	000120-72-9	94
3	Indole	117	C8H7N	000120-72-9	94
4	Benzyl nitrile	117	C8H7N	000140-29-4	91
5	Indole	117	C8H7N	000120-72-9	91





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Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

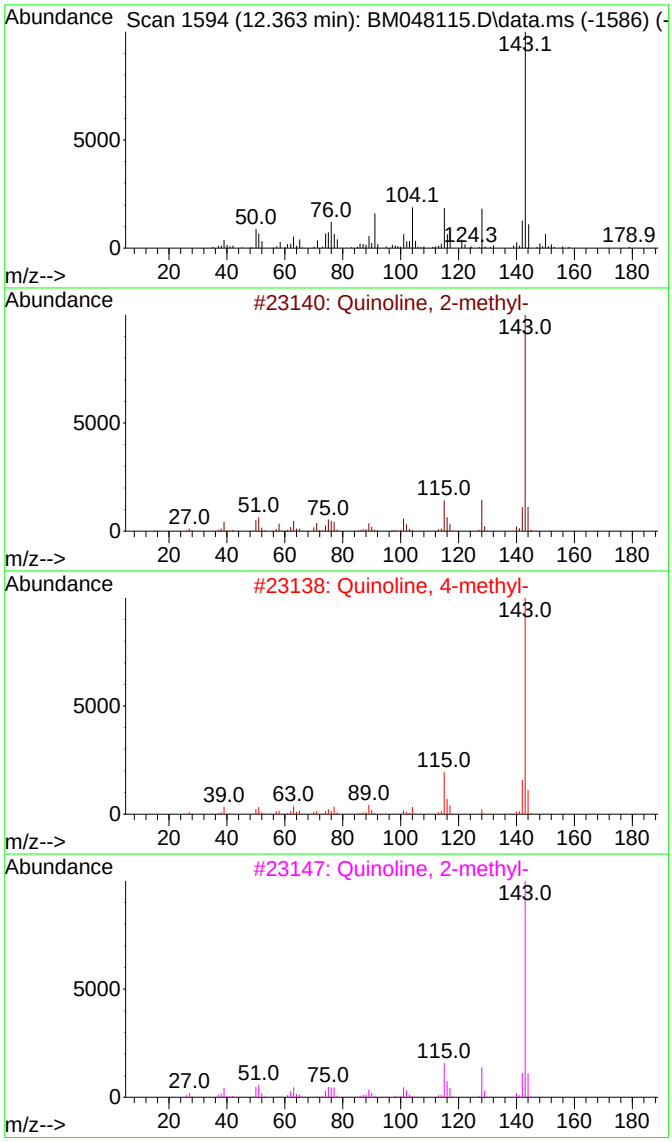
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

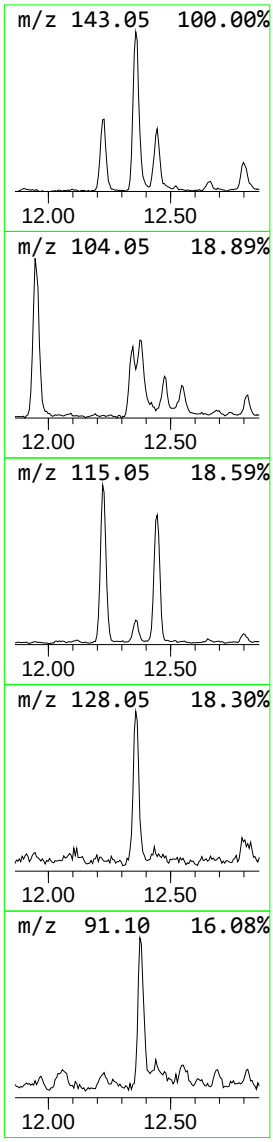
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Quinoline, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	3.75 ng/ul	342059	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	94
2	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	76
3	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	74
4	2-Naphthalenamine	143	C10H9N	000091-59-8	70
5	2-Naphthalenamine	143	C10H9N	000091-59-8	70





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Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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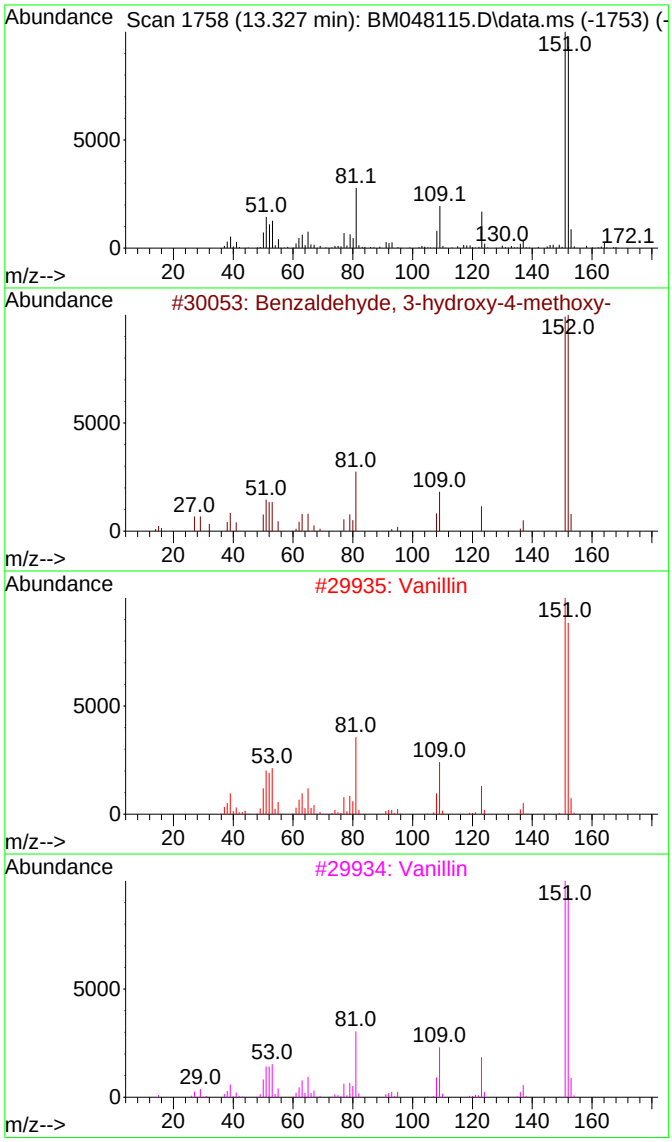
Quant Title : SVOA CALIBRATION

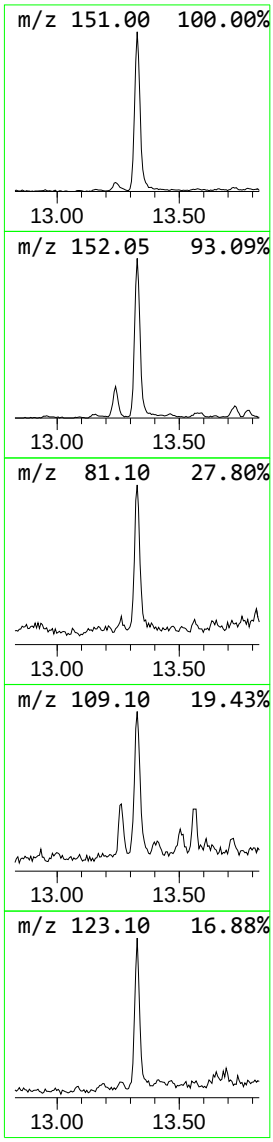
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	2.75 ng/ul	365121	Acenaphthene-d10	14.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
2	Vanillin	152	C8H8O3	000121-33-5	95
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94





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Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

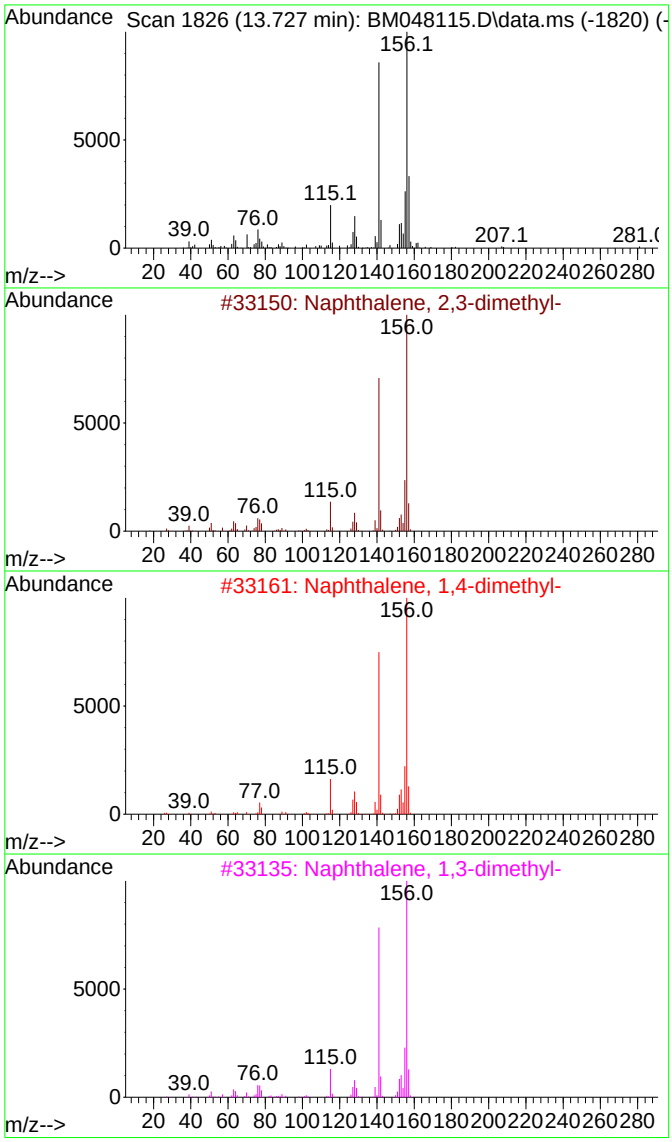
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

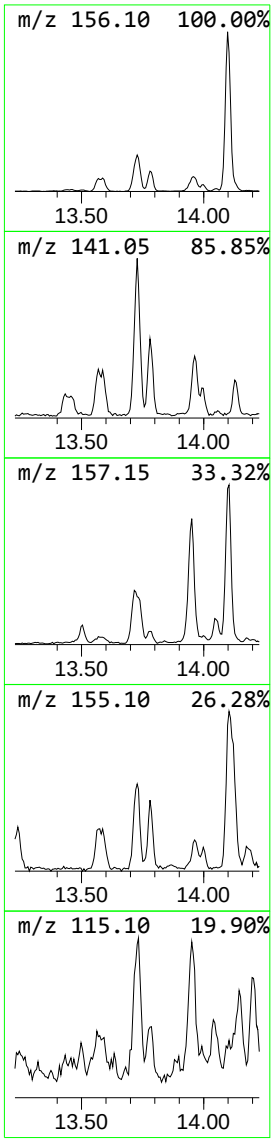
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	2.04 ng/ul	270603	Acenaphthene-d10	14.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

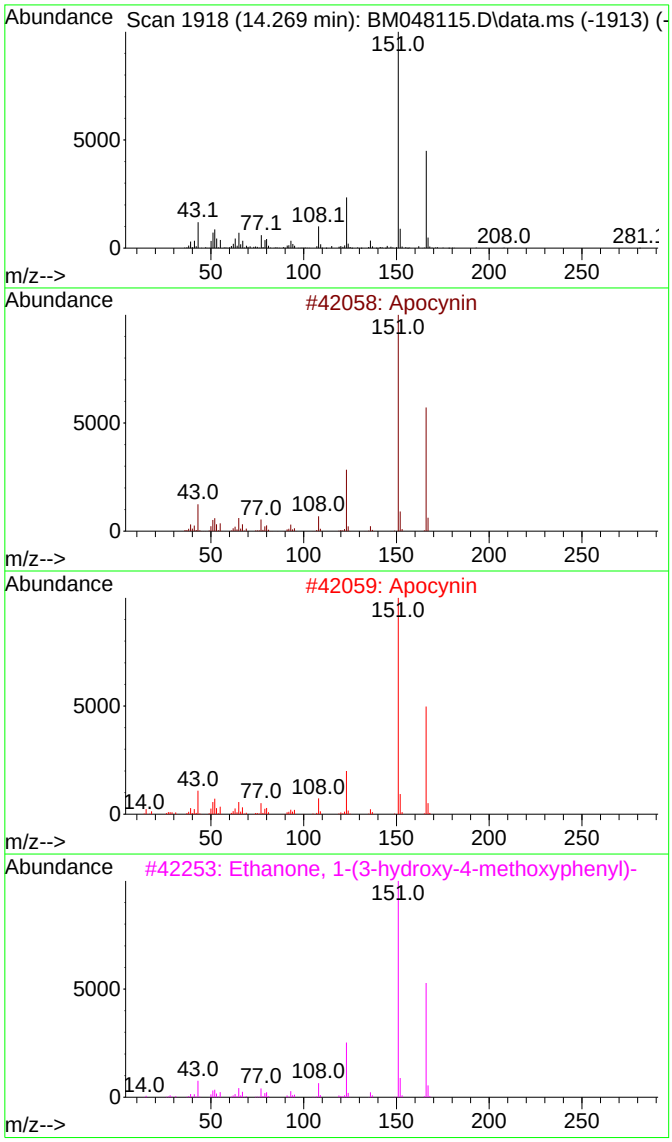
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

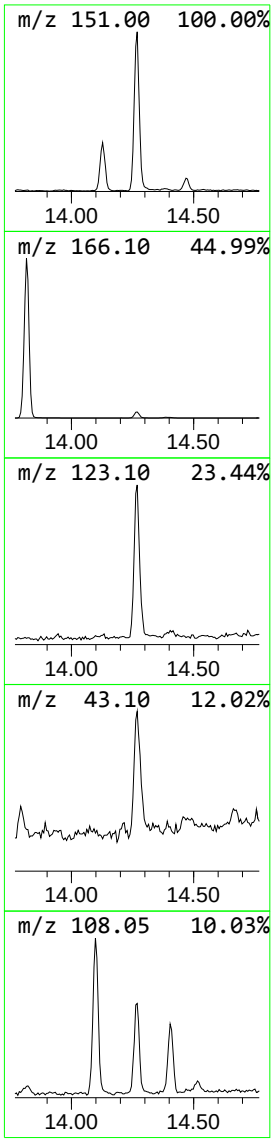
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Apocynin Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	3.48 ng/ul	461045	Acenaphthene-d10	14.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Apocynin	166	C9H10O3	000498-02-2	97
2	Apocynin	166	C9H10O3	000498-02-2	95
3	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	94
4	Apocynin	166	C9H10O3	000498-02-2	94
5	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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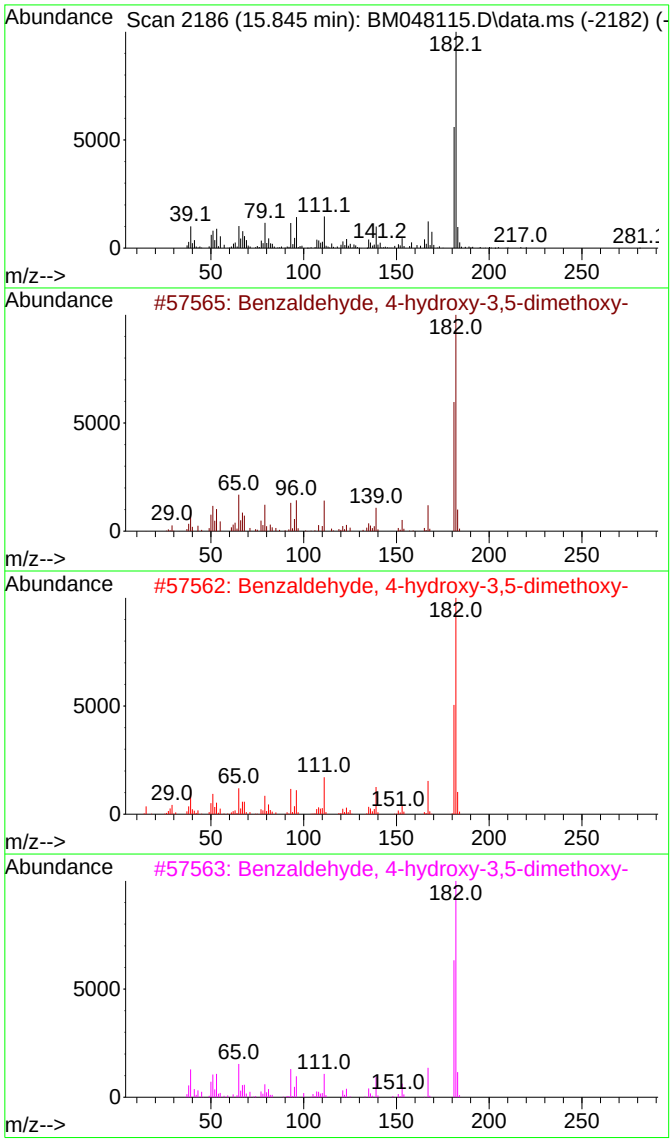
Quant Title : SVOA CALIBRATION

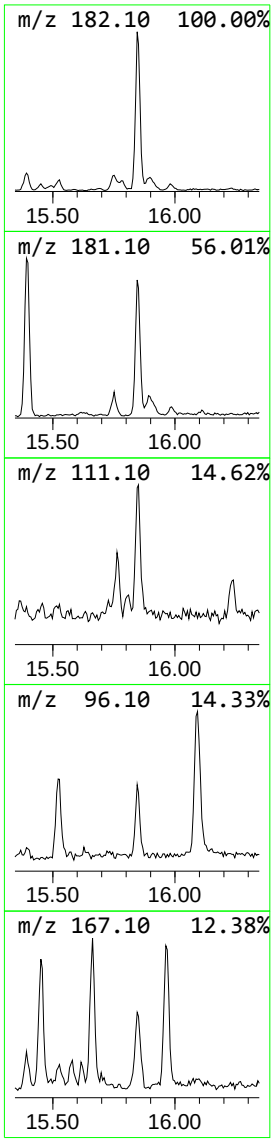
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzaldehyde, 4-hydroxy-3,5... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	2.52 ng/ul	316911	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	97
2	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	96
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	94
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	94
5	3,4-Dimethoxy-5-hydroxybenzaldehyde	182	C9H10O4	029865-90-5	70





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Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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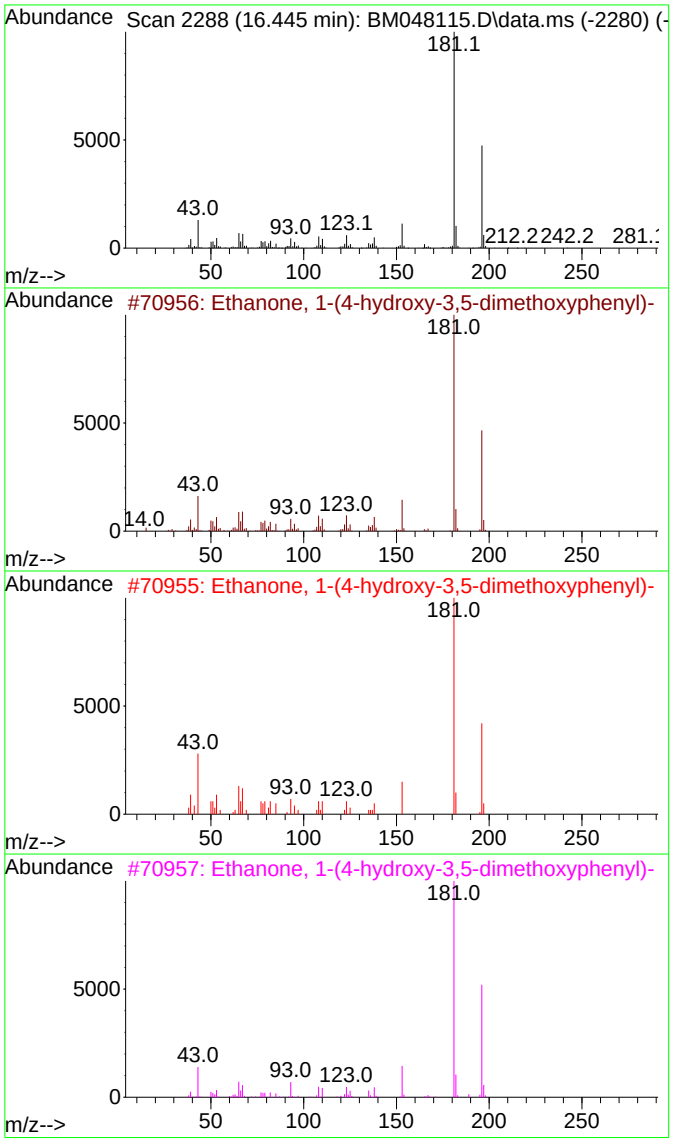
Quant Title : SVOA CALIBRATION

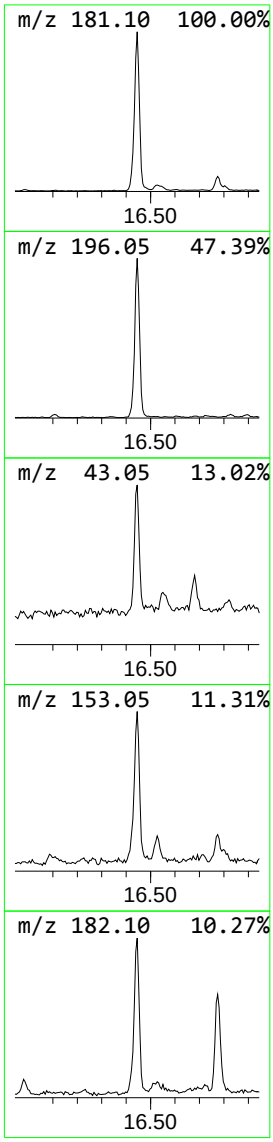
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	7.34 ng/ul	922580	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	97
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	97
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	94
4	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	94
5	Xanthoxylin	196	C10H12O4	000090-24-4	90





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Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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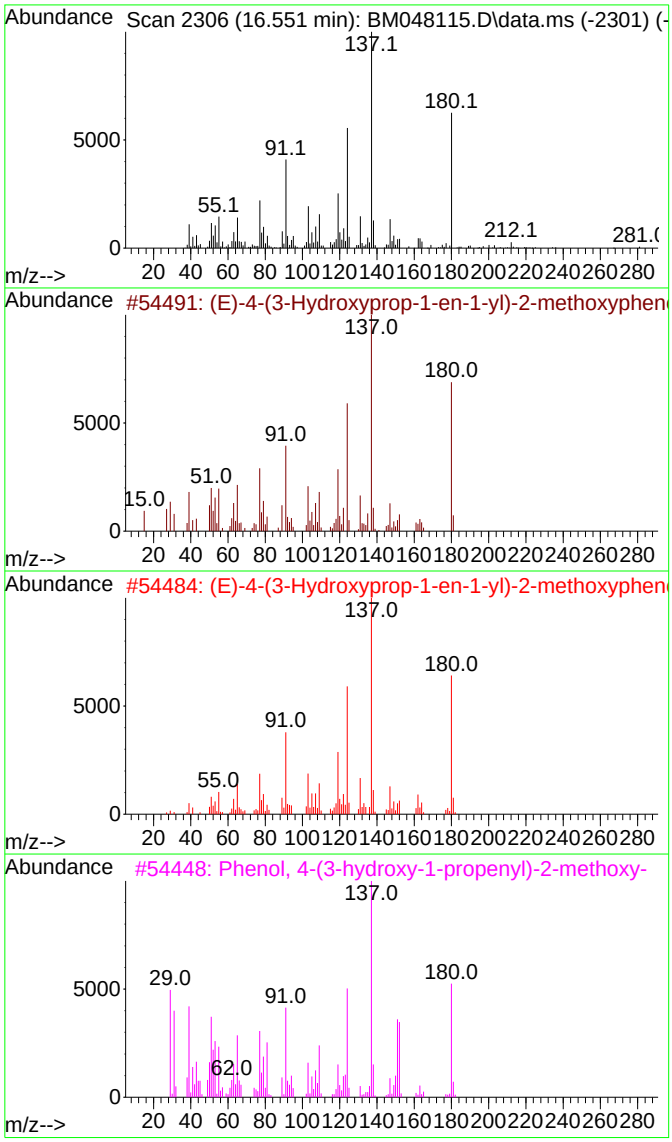
Quant Title : SVOA CALIBRATION

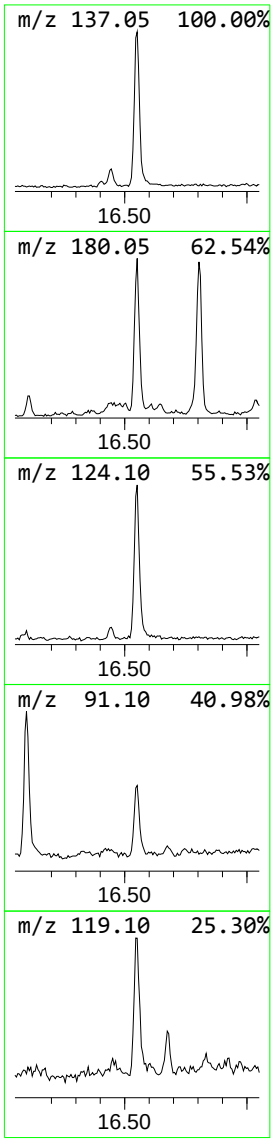
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (E)-4-(3-Hydroxyprop-1-en-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	4.08 ng/ul	512562	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	96
2	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	94
3	Phenol, 4-(3-hydroxy-1-propenyl)...	180	C10H12O3	000458-35-5	72
4	4-(1-Hydroxyallyl)-2-methoxyphenol	180	C10H12O3	112465-50-6	62
5	3,5-Diisopropylpyrazole	152	C9H16N2	017536-00-4	43





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ALS Vial : 16 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 26 Dibenzo-p-dioxin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.715	3.79 ng/ul	476724	Phenanthrene-d10	17.145

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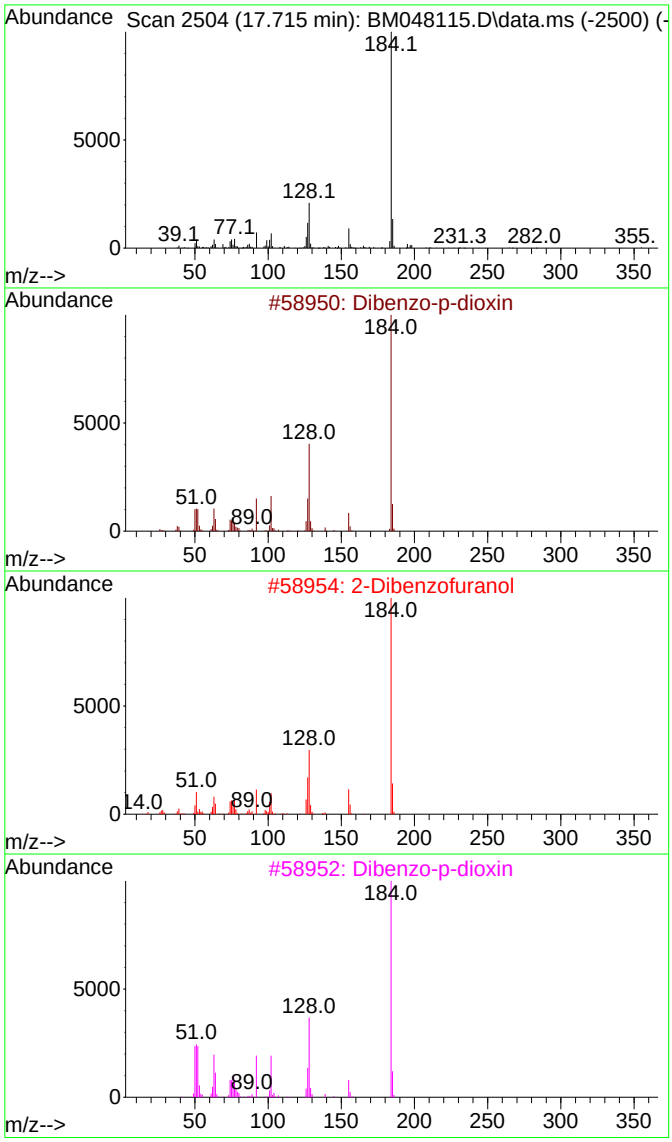

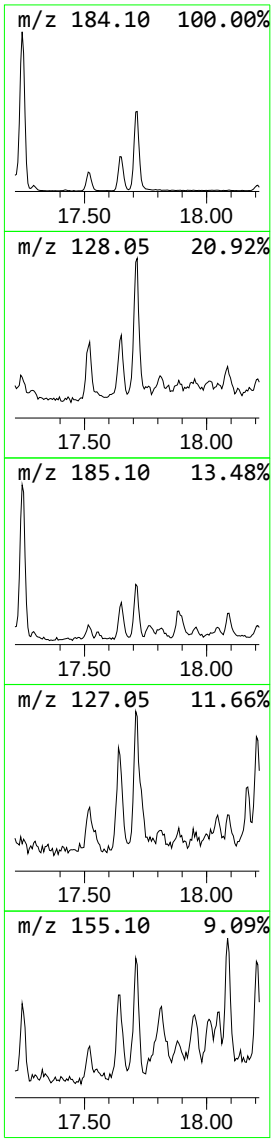

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Acq On : 17 Oct 2024 21:03
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Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E27H6

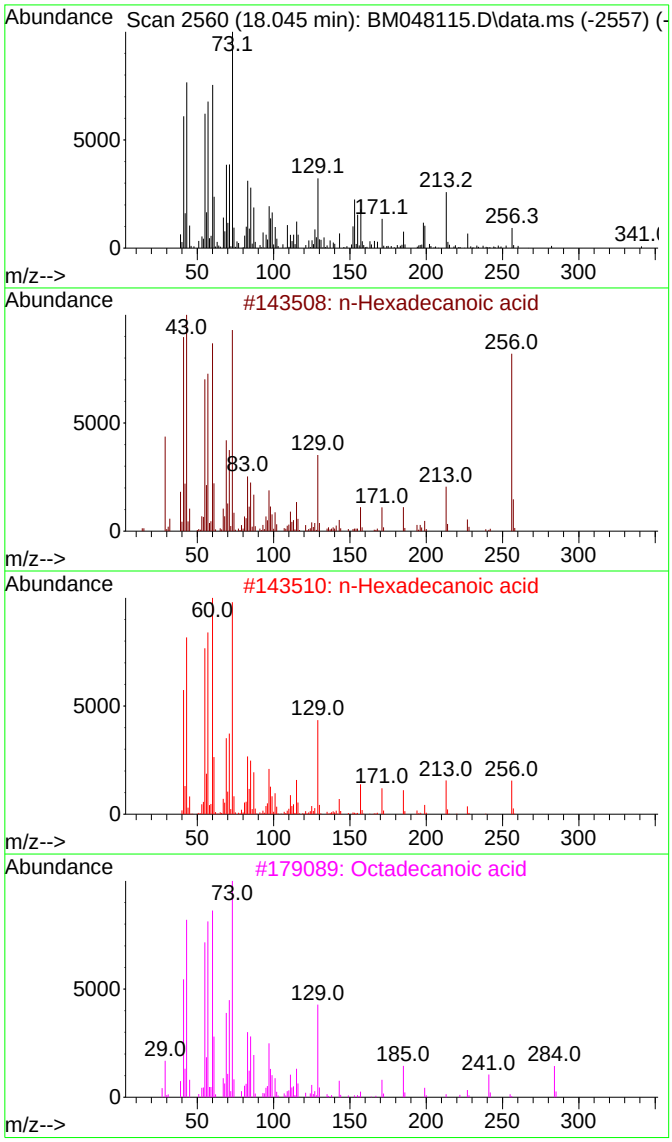
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

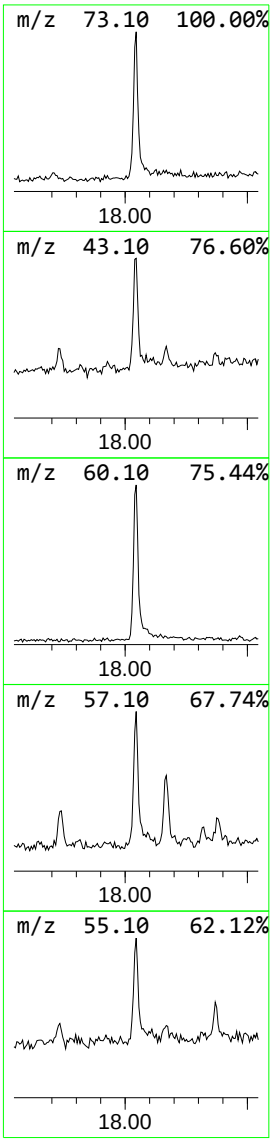
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 n-Hexadecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.06 ng/ul	258958	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

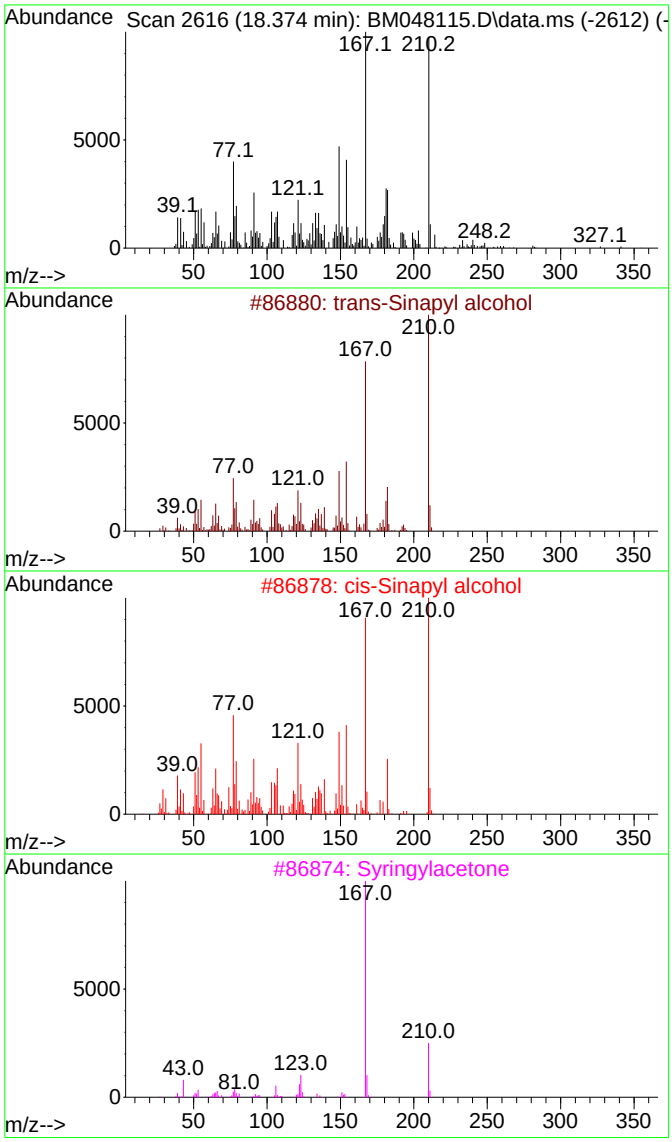
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

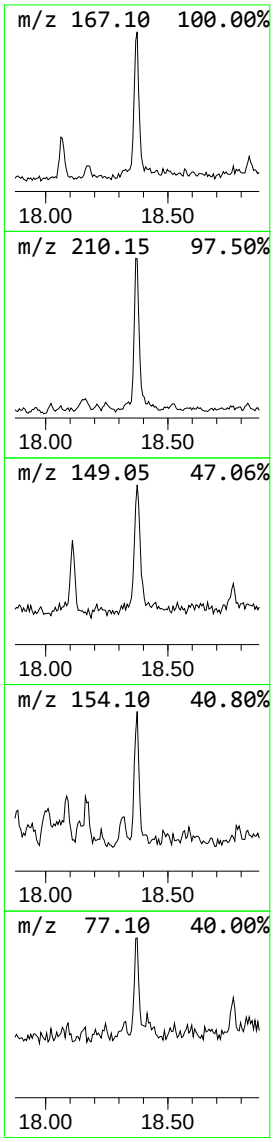
****

Peak Number 28 trans-Sinapyl alcohol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.26 ng/ul	284451	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	96
2	cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	91
3	Syringylacetone	210	C11H14O4	019037-58-2	46
4	2,9-Diazatricyclo[9.4.0.0(3,8)]p...	210	C13H10N2O	005814-41-5	25
5	9-Methyl-1-phenazinol	210	C13H10N2O	013860-43-0	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

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

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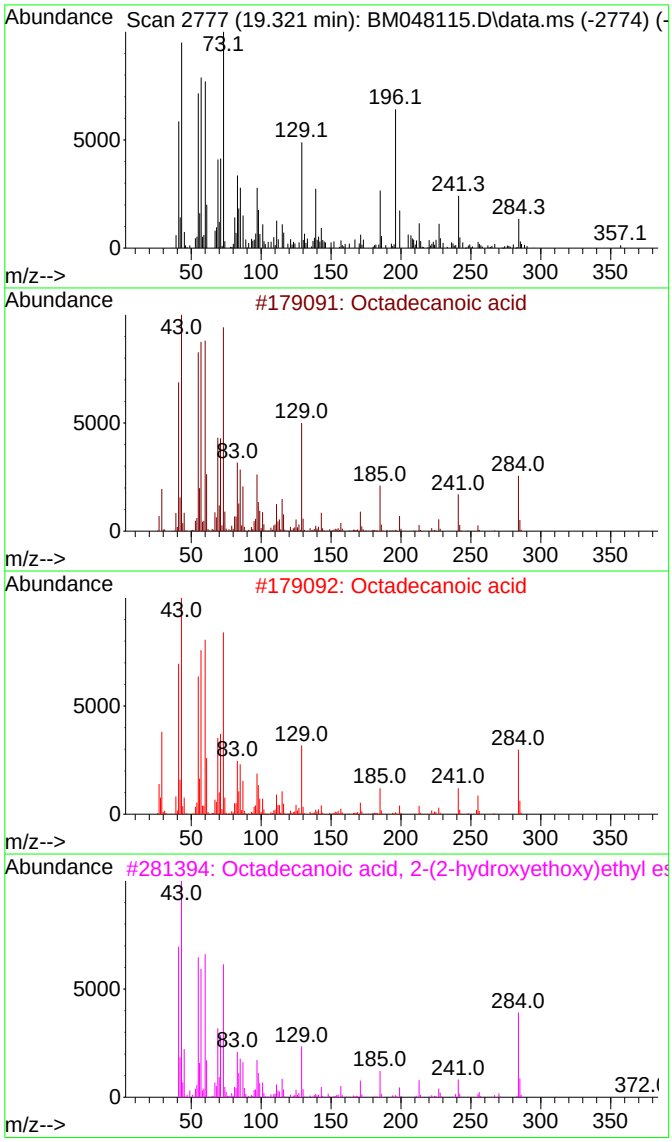
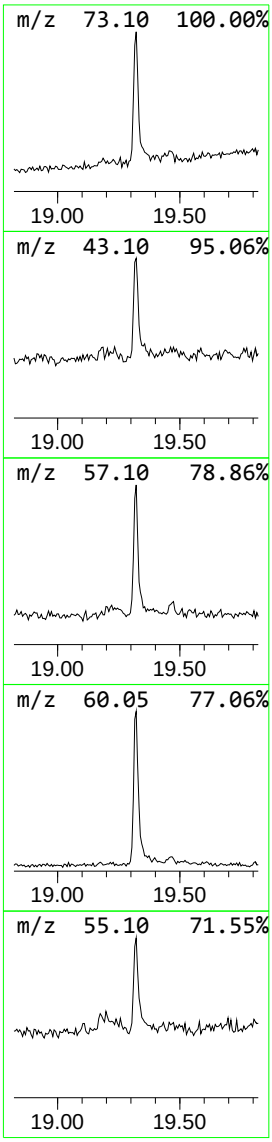
Peak Number 29 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	3.74 ng/ul	483269	Chrysene-d12	21.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

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

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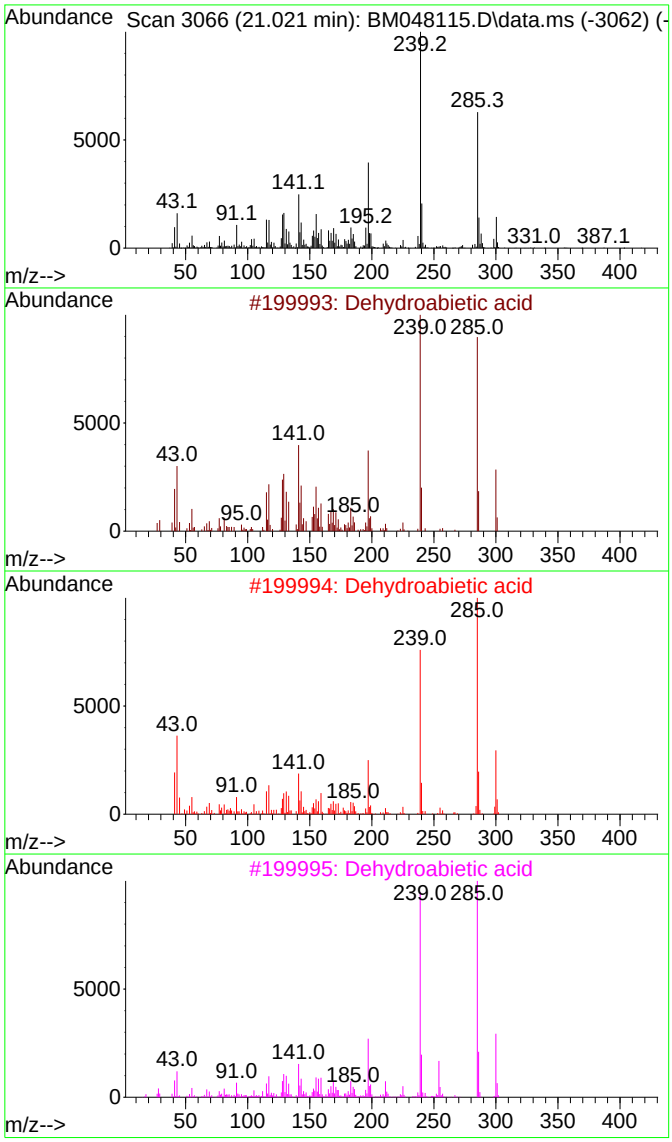
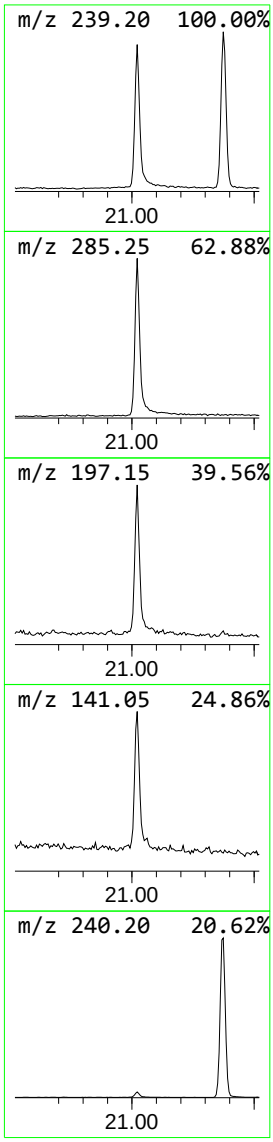
Peak Number 31 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	8.12 ng/ul	1049990	Chrysene-d12	21.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

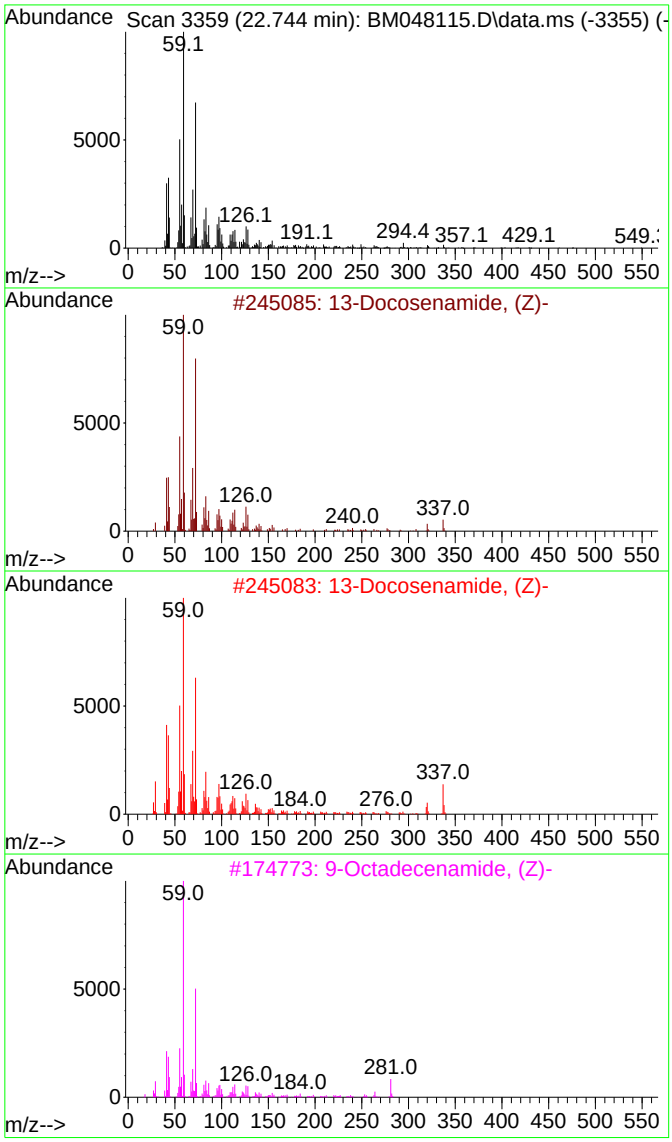
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

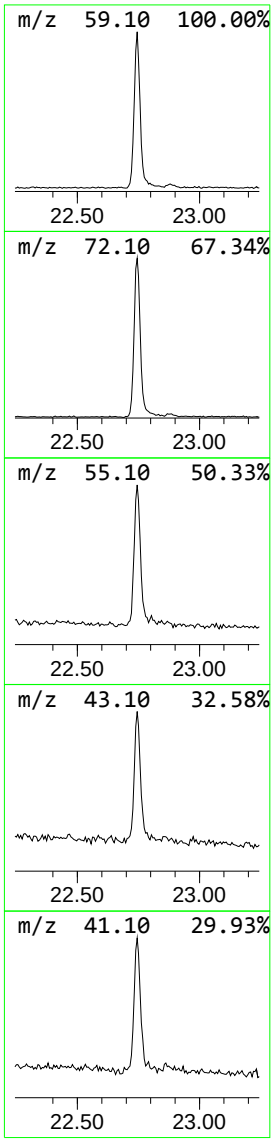
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.744	6.45 ng/ul	834695	Chrysene-d12	21.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	96
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	94
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048115.D
Acq On : 17 Oct 2024 21:03
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.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
Butanoic acid, ...	4.669	4.2	ng/ul	278214	1	7.769	1336170	20.0
(1R)-2,6,6-Trim...	6.463	3.8	ng/ul	253514	1	7.769	1336170	20.0
Benzene, 1,2,3-...	7.422	4.0	ng/ul	264849	1	7.769	1336170	20.0
Indene	8.304	35.8	ng/ul	2393160	1	7.769	1336170	20.0
Phenol, 3,5-dim...	10.051	5.7	ng/ul	515985	2	10.563	1824540	20.0
Benzeneacetic acid	11.116	2.8	ng/ul	252114	2	10.563	1824540	20.0
1H-Inden-1-one,...	11.945	2.1	ng/ul	189565	2	10.563	1824540	20.0
Indole	12.057	2.6	ng/ul	236196	2	10.563	1824540	20.0
Quinoline, 2-me...	12.363	3.8	ng/ul	342059	2	10.563	1824540	20.0
Benzaldehyde, 3...	13.327	2.8	ng/ul	365121	3	14.404	2653500	20.0
Naphthalene, 2,...	13.727	2.0	ng/ul	270603	3	14.404	2653500	20.0
Apocynin	14.269	3.5	ng/ul	461045	3	14.404	2653500	20.0
Benzaldehyde, 4...	15.845	2.5	ng/ul	316911	4	17.145	2513150	20.0
Ethanone, 1-(4-...	16.445	7.3	ng/ul	922580	4	17.145	2513150	20.0
(E)-4-(3-Hydrox...	16.551	4.1	ng/ul	512562	4	17.145	2513150	20.0
Dibenzo-p-dioxin	17.715	3.8	ng/ul	476724	4	17.145	2513150	20.0
n-Hexadecanoic ...	18.045	2.1	ng/ul	258958	4	17.145	2513150	20.0
trans-Sinapyl a...	18.374	2.3	ng/ul	284451	4	17.145	2513150	20.0
Octadecanoic acid	19.321	3.7	ng/ul	483269	5	21.374	2587730	20.0
Dehydroabietic ...	21.021	8.1	ng/ul	1049990	5	21.374	2587730	20.0
13-Docosenamide...	22.744	6.5	ng/ul	834695	5	21.374	2587730	20.0