LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

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_P\Methods\SFAM-EPA-BP012225.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.005	651	666	678	rVV	18376488	30710877	13.48%	1.253%
2	7.128	680	687	695	rVB	2285072	3708919	1.63%	0.151%
3	7.334	715	722	730	rVB	2724559	4336196	1.90%	0.177%
4	7.793	789	800	809	rVV	2322402	3827301	1.68%	0.156%
5	8.234	868	875	881	rBV	2352935	3616433	1.59%	0.148%
6	8.505	910	921	925	rBV	2280789	4654331	2.04%	0.190%
7	8.575	925	933	939	rVV	30464288	59444997	26.09%	2.426%
8	8.640	939	944	953	rVB2	802220	1714594	0.75%	0.070%
9	8.934	982	994	1004	rBV2	3383965	7051392	3.09%	0.288%
10	9.205	1033	1040	1047	rBV	10627315	17126339	7.52%	0.699%
11	9.311	1051	1058	1069	rVB3	1226210	3059897	1.34%	0.125%
12	9.440	1069	1080	1084	rBV	948631	1734059	0.76%	0.071%
13	9.552	1092	1099	1106	rBV	13900415	23868517	10.48%	0.974%
14	9.658	1111	1117	1124	rVB	2156716	3691411	1.62%	0.151%
15	9.799	1126	1141	1143	rBV2	43012703	145366871	63.80%	5.932%
16	10.081	1157	1189	1193	rBV3	39314197	177460414	77.89%	7.241%
17	10.134	1193	1198	1204	rVV2	41047544	81571661	35.80%	3.329%
18	10.252	1204	1218	1229	rVB	37013797	97091573	42.61%	3.962%
19	10.416	1239	1246	1251	rBV	4150543	7135602	3.13%	0.291%
20	10.540	1251	1267	1273	rBV5	46124672	227839225	100.00%	9.297%
21	10.699	1290	1294	1298	rBV	1496827	2119108	0.93%	0.086%
22	10.758	1298	1304	1310	rVB	7675556	12580442	5.52%	0.513%
23	10.863	1316	1322	1328	rBV	8047862	12708520	5.58%	0.519%
24	10.981	1328	1342	1343	rBV2	45328046	126517576	55.53%	5.163%
25	11.052	1348	1354	1361	rVB	15220003	22048894	9.68%	0.900%
26	11.146	1361	1370	1374	rBV2	29640308	55352458	24.29%	2.259%
27	11.216	1374	1382	1389	rVB2	25385969	49587451	21.76%	2.023%
28	11.293	1389	1395	1406	rBV3	690551	1773486	0.78%	0.072%
29	11.440	1408	1420	1431	rBV3	38685764	107855209	47.34%	4.401%
30	11.628	1444	1452	1456	rVV2	29962816	56798788	24.93%	2.318%
31	11.681	1456	1461	1464	rVV	30552671	53971225	23.69%	2.202%
32	11.716	1464	1467	1472	rVV2	17040555	28337680	12.44%	1.156%
33	11.757	1472	1474	1479	rVB	2567463	3383941	1.49%	0.138%
34	11.963	1490	1509	1511	rBV3	45772400	141669927	62.18%	5.781%
35	12.046	1519	1523	1528	rVB	2592391	4204873	1.85%	0.172%
36	12.110	1528	1534	1538	rBV	8941461	16747620	7.35%	0.683%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

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_P\Methods\SFAM-EPA-BP012225.MA.M
Title : SVOA CALIBRATION

37	12.157	1538	1542	1544	rVV	6738381	10500611	4.61%	0.428%
38	12.193	1544	1548	1552	rVV2	6416978	11875117	5.21%	0.485%
39	12.228	1552	1554	1559	rVV2	2613348	3952369	1.73%	0.161%
40	12.293	1559	1565	1572	rVV3	10126705	23669327	10.39%	0.966%
41	12.352	1572	1575	1577	rVV	4347887	5761604	2.53%	0.235%
42	12.387	1577	1581	1586	rVV	10838696	15834489	6.95%	0.646%
43	12.457	1586	1593	1599	rVB3	8010894	17174365	7.54%	0.701%
44	12.516	1599	1603	1606	rBV	1475429	1879127	0.82%	0.077%
45	12.581	1606	1614	1617	rBV	4949008	8040044	3.53%	0.328%
46	12.628	1617	1622	1626	rVV2	14776507	25613583	11.24%	1.045%
47	12.663	1626	1628	1630	rVV	4722017	5784231	2.54%	0.236%
48	12.693	1630	1633	1635	rVV2	4370620	6151409	2.70%	0.251%
49	12.722	1635	1638	1641	rVV	3436219	4693314	2.06%	0.192%
50	12.793	1641	1650	1656	rVV6	13286986	45533683	19.99%	1.858%
51	12.846	1656	1659	1668	rVB2	8499528	14129284	6.20%	0.577%
52	12.934	1668	1674	1678	rBV4	1776152	3200997	1.40%	0.131%
53	13.010	1682	1687	1693	rVB2	5038560	8487629	3.73%	0.346%
54	13.110	1698	1704	1708	rBV3	1878894	3549475	1.56%	0.145%
55	13.157	1708	1712	1717	rVB4	1218488	1960658	0.86%	0.080%
56	13.281	1717	1733	1739	rBV3	48037469	168438098	73.93%	6.873%
57	13.322	1739	1740	1743	rVB2	39680986	21095173	9.26%	0.861%
58	13.410	1750	1755	1759	rVB2	1364326	2597204	1.14%	0.106%
59	13.487	1760	1768	1775	rBV5	2778475	5775268	2.53%	0.236%
60	13.563	1775	1781	1782	rBV2	2516919	4017219	1.76%	0.164%
61	13.651	1786	1796	1797	rVV3	48319992	114932396	50.44%	4.690%
62	13.693	1800	1803	1810	rVV	40003458	63510994	27.88%	2.592%
63	13.763	1810	1815	1820	rVV	12035727	18579915	8.15%	0.758%
64	13.804	1820	1822	1825	rVV	1721150	2537147	1.11%	0.104%
65	13.857	1827	1831	1834	rVV	6429818	8555651	3.76%	0.349%
66	13.899	1834	1838	1841	rVV	3681383	5053914	2.22%	0.206%
67	13.928	1841	1843	1847	rVV3	1481648	1692203	0.74%	0.069%
68	13.975	1847	1851	1856	rVB7	1109630	1879362	0.82%	0.077%
69	14.075	1863	1868	1871	rBV4	2156749	3926979	1.72%	0.160%
70	14.122	1871	1876	1883	rVB	7286406	12992707	5.70%	0.530%
71	14.187	1883	1887	1892	rBV3	4215426	5795371	2.54%	0.236%
72	14.281	1900	1903	1908	rVB2	1929337	2550537	1.12%	0.104%
73	14.434	1922	1929	1933	rBV3	7279787	14231681	6.25%	0.581%
74	14.475	1933	1936	1945	rVB2	5648723	8525243	3.74%	0.348%
75	14.640	1960	1964	1968	rBV5	1534225	2419897	1.06%	0.099%
76	14.969	2016	2020	2025	rBV2	1538347	2345892	1.03%	0.096%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

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_P\Methods\SFAM-EPA-BP012225.MA.M
Title : SVOA CALIBRATION

77	15.122	2041	2046	2050	rBV	9498131	12556159	5.51%	0.512%
78	15.240	2061	2066	2068	rBV	1545901	1997416	0.88%	0.082%
79	15.351	2081	2085	2094	rVB3	2486564	4197808	1.84%	0.171%
80	15.440	2094	2100	2108	rBV2	8491384	16090316	7.06%	0.657%
81	15.546	2114	2118	2120	rVV	1801502	2148889	0.94%	0.088%
82	15.616	2126	2130	2133	rVB	2087987	2760219	1.21%	0.113%
83	15.840	2165	2168	2170	rBV	2048939	2198669	0.97%	0.090%
84	15.875	2170	2174	2181	rVB2	5554208	8263192	3.63%	0.337%
85	16.757	2319	2324	2329	rBV	1194671	2644704	1.16%	0.108%
86	16.828	2333	2336	2346	rVB7	1114725	2536684	1.11%	0.104%
87	17.122	2382	2386	2396	rBV4	995963	2067757	0.91%	0.084%
88	17.234	2400	2405	2409	rBV2	6867775	10137164	4.45%	0.414%
89	17.328	2416	2421	2429	rVB2	9302168	15535440	6.82%	0.634%
90	17.622	2467	2471	2474	rBV	2184155	3263650	1.43%	0.133%
91	17.898	2515	2518	2521	rBV	1431176	2099539	0.92%	0.086%
92	18.187	2563	2567	2570	rBV	2461713	3506144	1.54%	0.143%
93	18.928	2691	2693	2699	rVB	1623765	2097987	0.92%	0.086%
94	19.275	2748	2752	2758	rVB	3432500	4337263	1.90%	0.177%
95	19.704	2820	2825	2830	rBV	12317324	17621018	7.73%	0.719%
96	19.769	2831	2836	2842	rVB2	3495001	5912898	2.60%	0.241%
97	20.710	2993	2996	3001	rBV3	1849794	2589703	1.14%	0.106%
98	21.686	3157	3162	3167	rVB	6338218	9241759	4.06%	0.377%
99	24.851	3692	3700	3712	rVB	6836025	17030875	7.47%	0.695%
100	25.074	3731	3738	3750	rVB	4163195	9904420	4.35%	0.404%

Sum of corrected areas: 2450651647

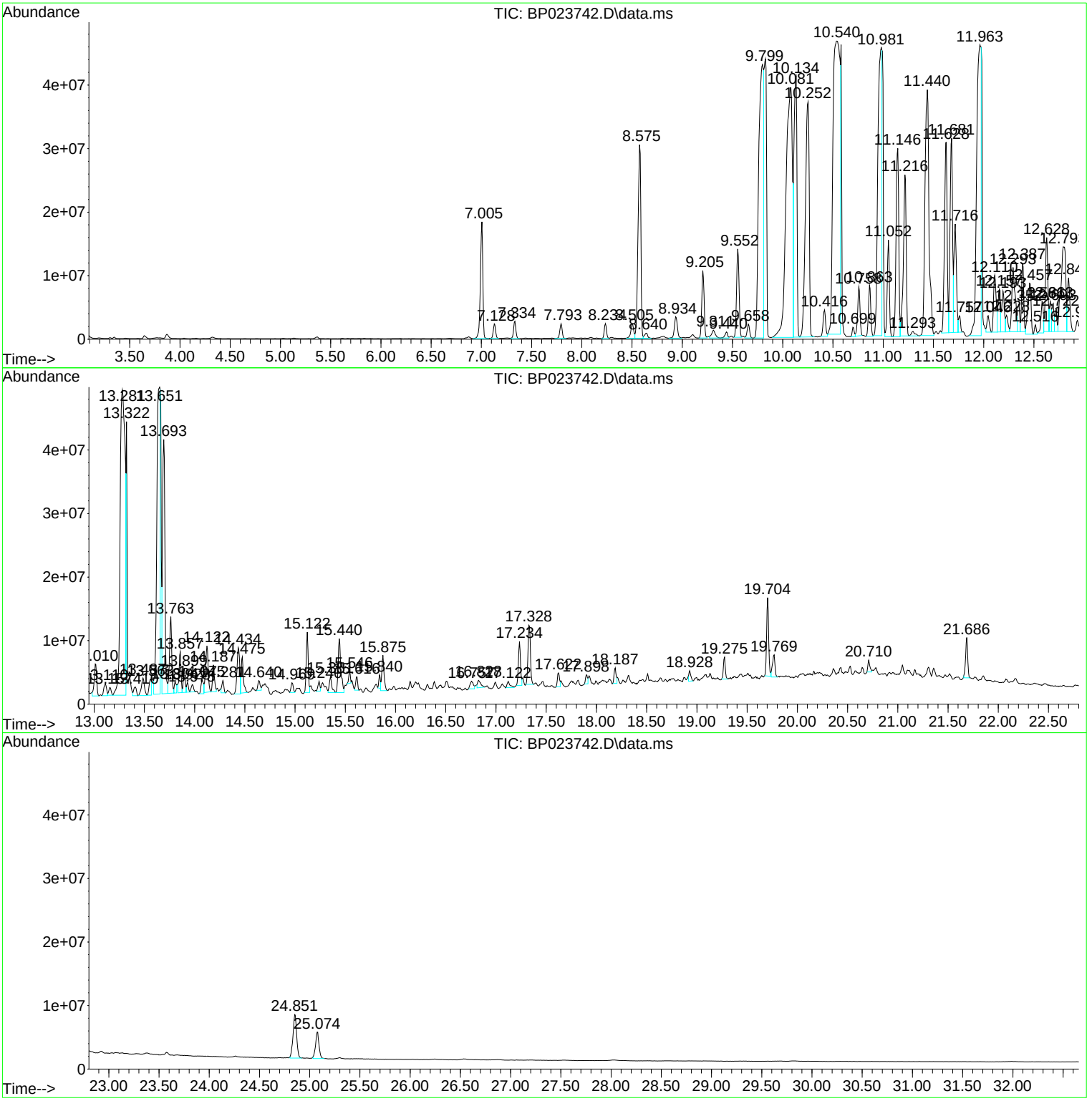
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

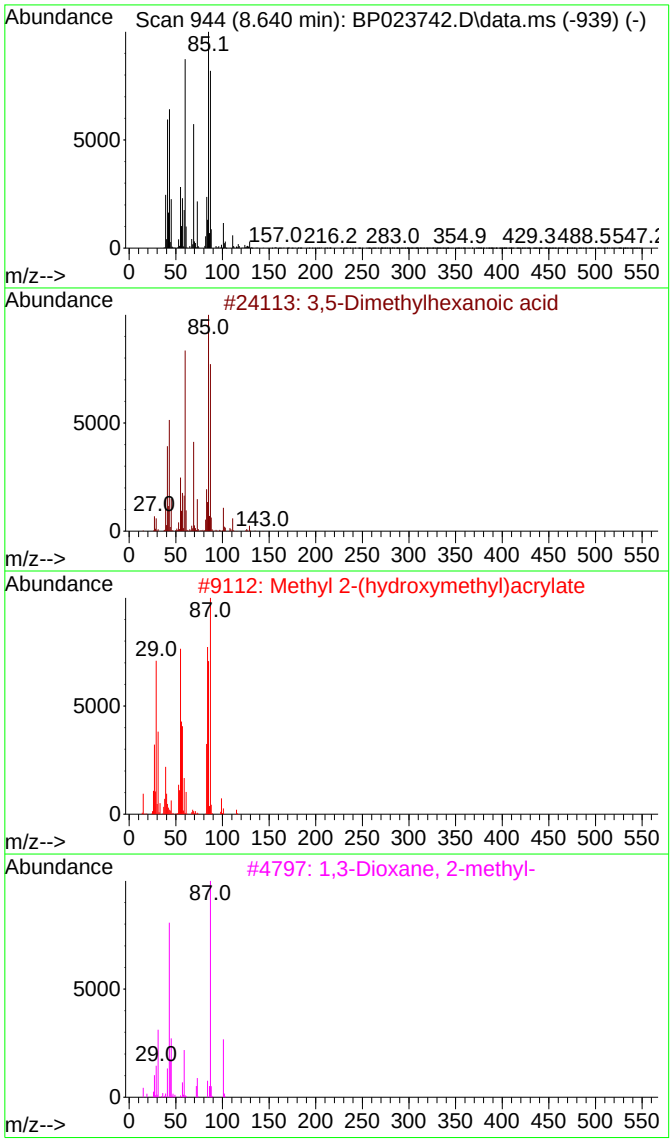
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

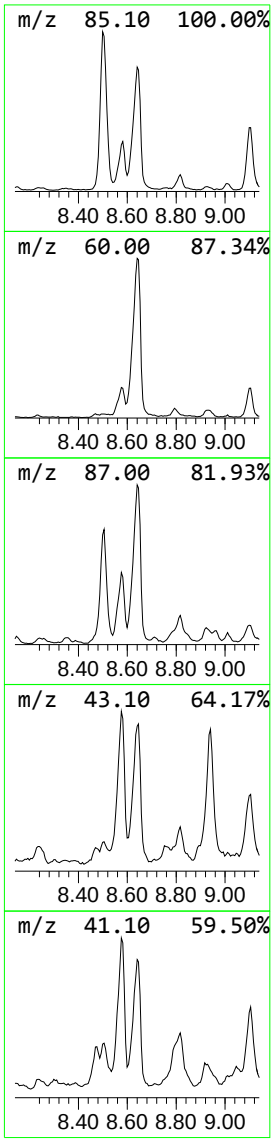
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3,5-Dimethylhexanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.640	8.96 ng/ul	1714590	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylhexanoic acid	144	C8H16O2	060308-87-4	90
2	Methyl 2-(hydroxymethyl)acrylate	116	C5H8O3	015484-46-5	35
3	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	25
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	22
5	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

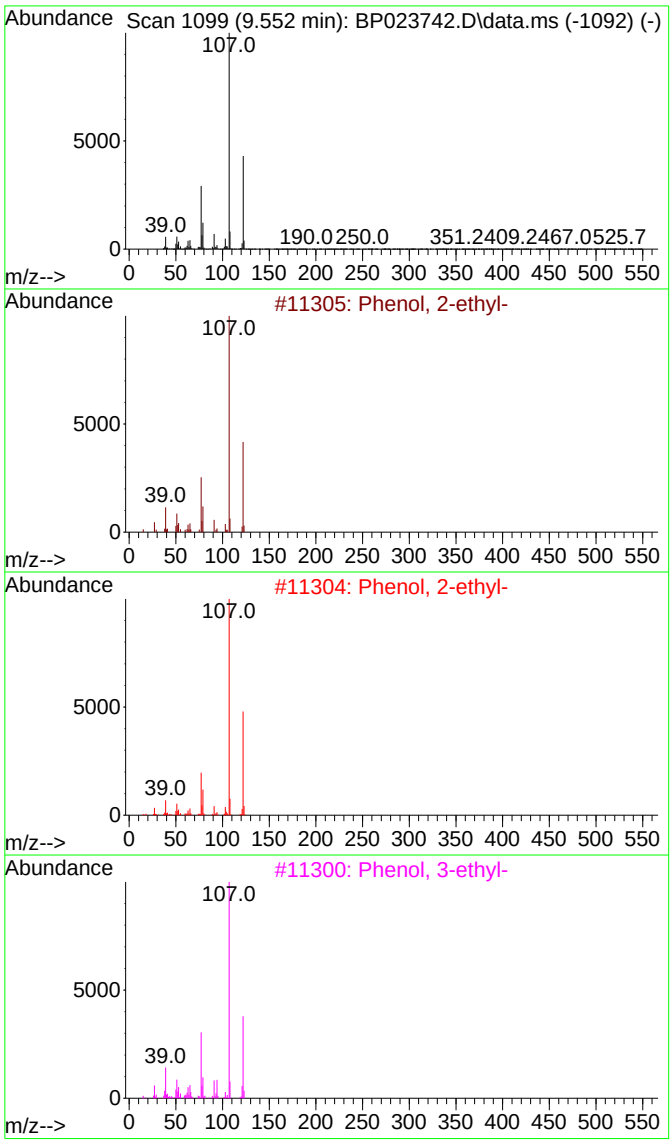
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

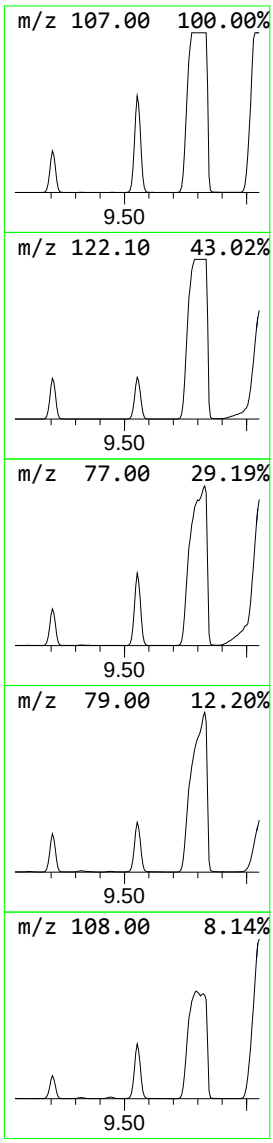
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2-ethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.552	2.10 ng/ul	23868500	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	97
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

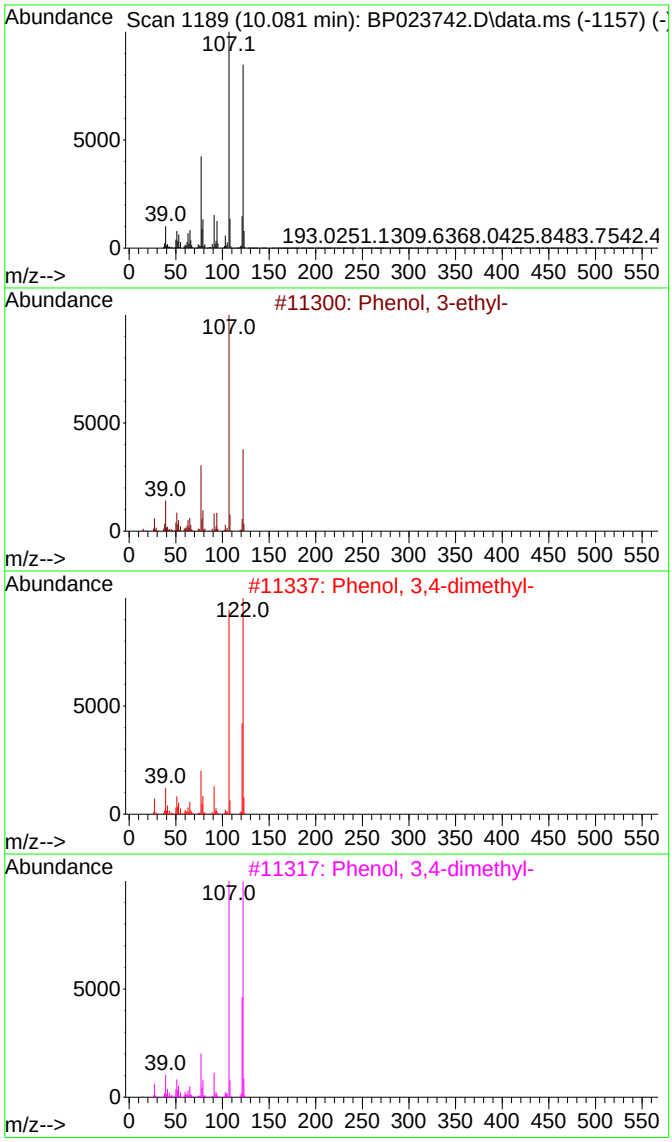
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

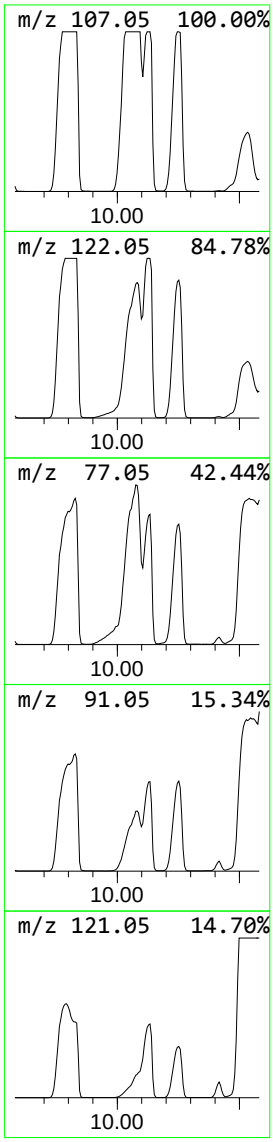
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	15.58 ng/ul	177460000	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

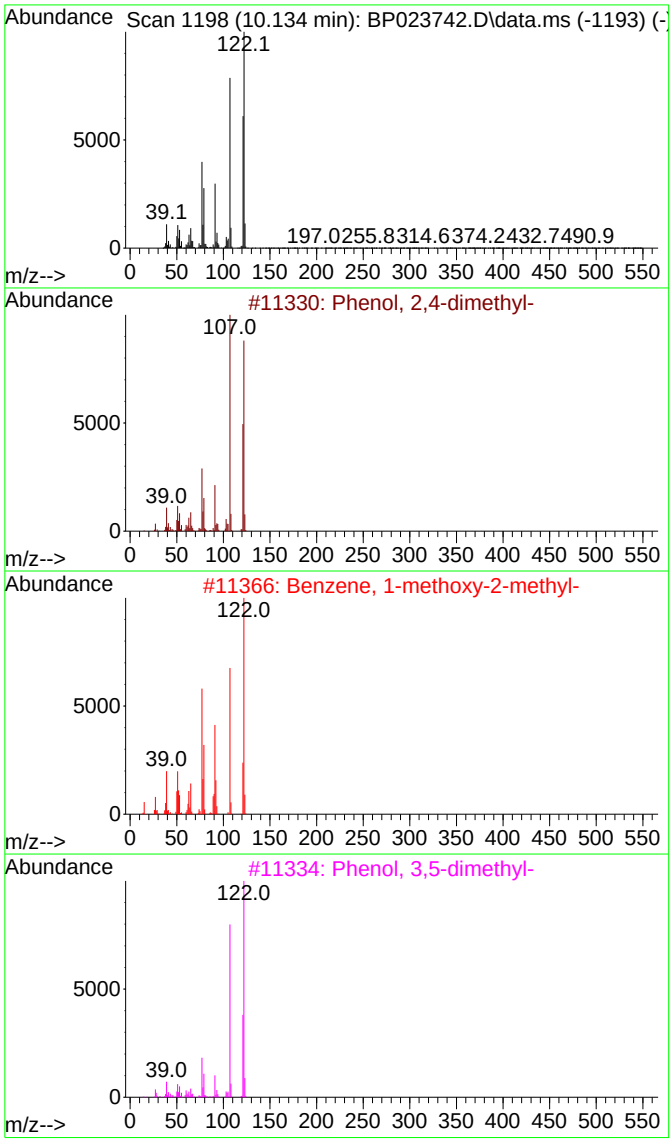
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

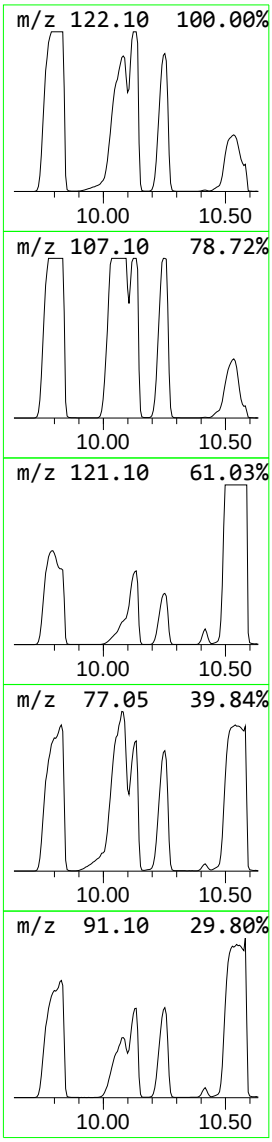
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methoxy-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	7.16 ng/ul	81571700	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
2	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

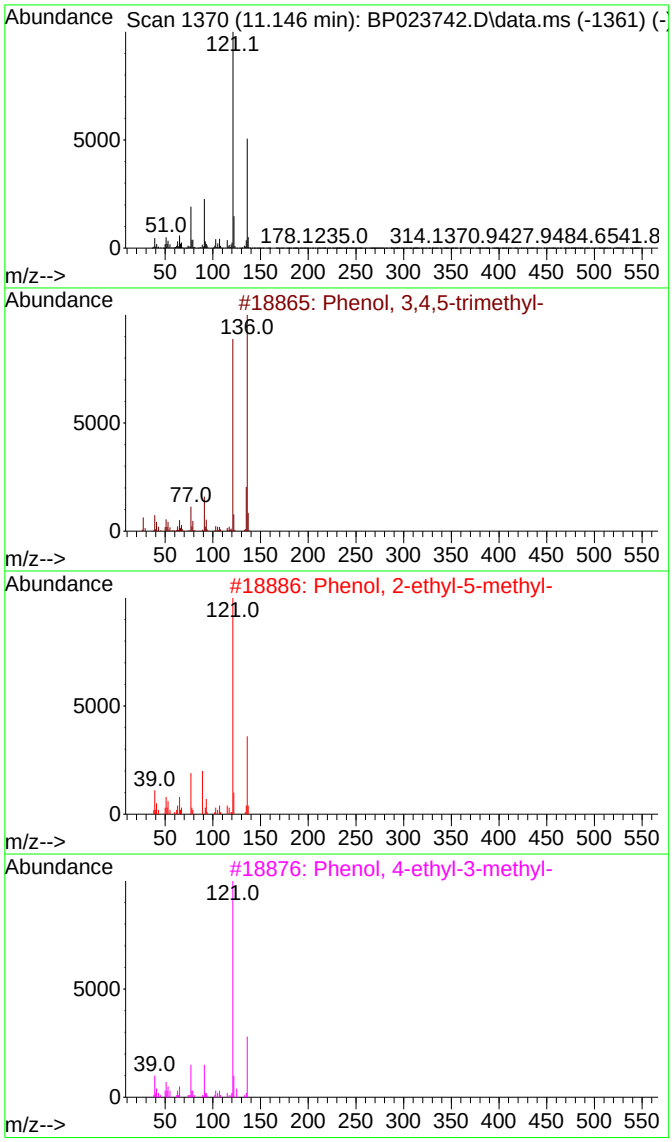
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

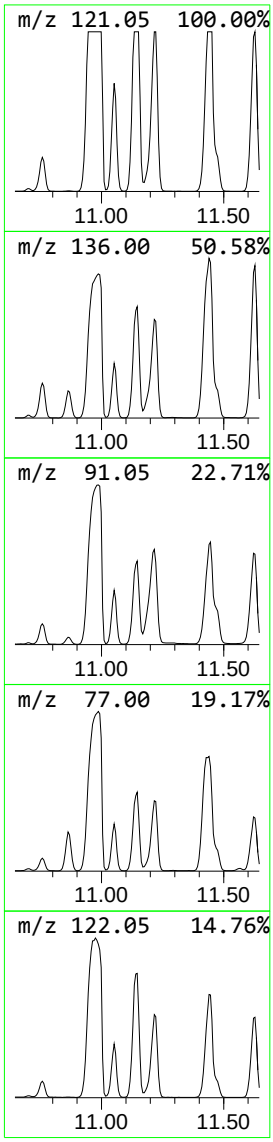
****

Peak Number 6 Phenol, 3,4,5-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	4.86 ng/ul	55352500	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





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Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

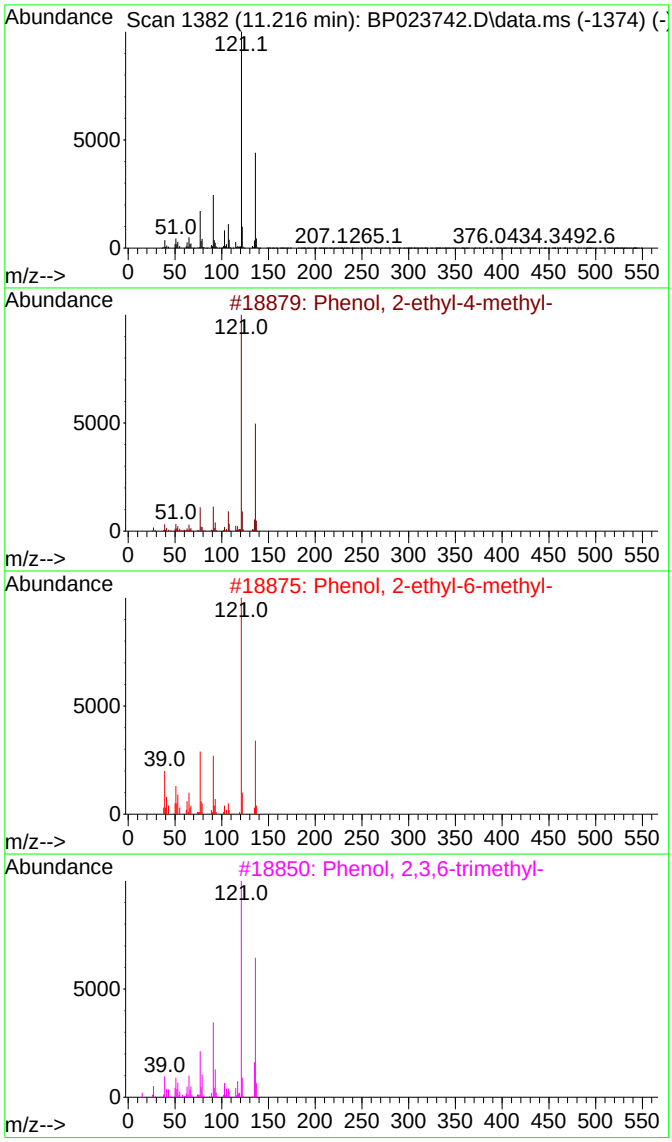
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

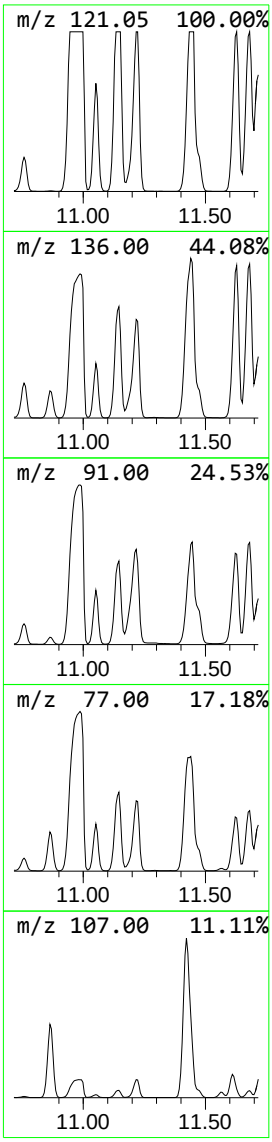
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2-ethyl-4-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	4.35 ng/ul	49587500	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	86





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Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

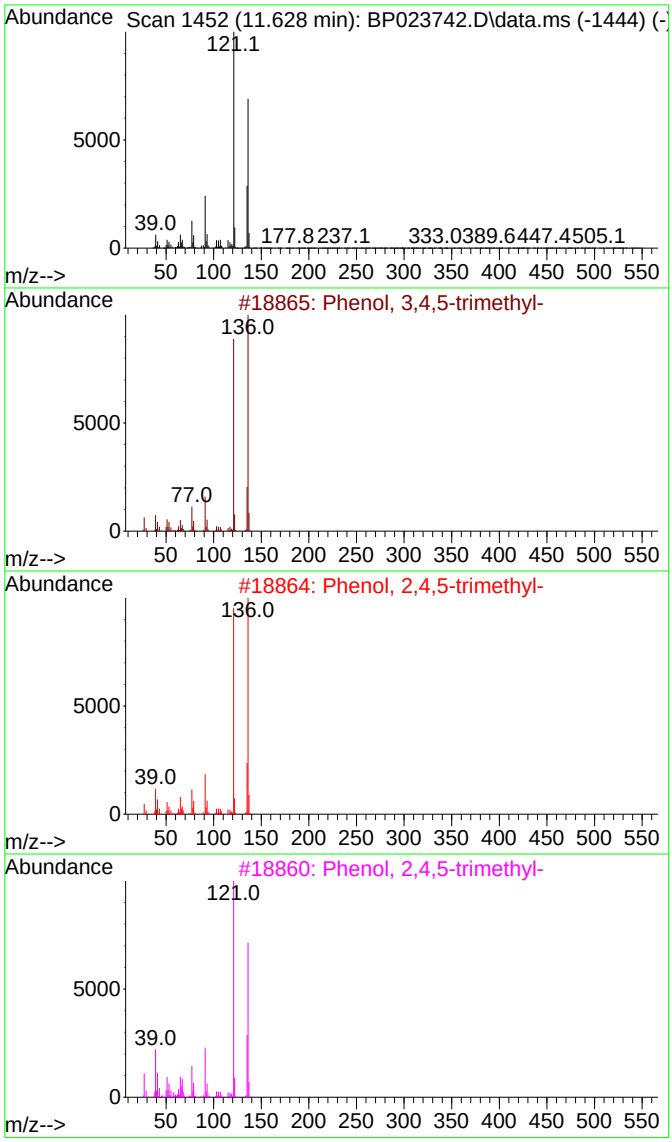
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

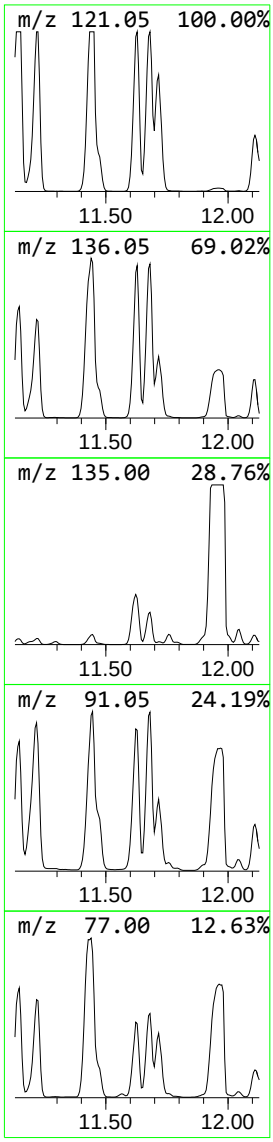
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 2,4,5-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	4.99 ng/ul	56798800	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





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Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

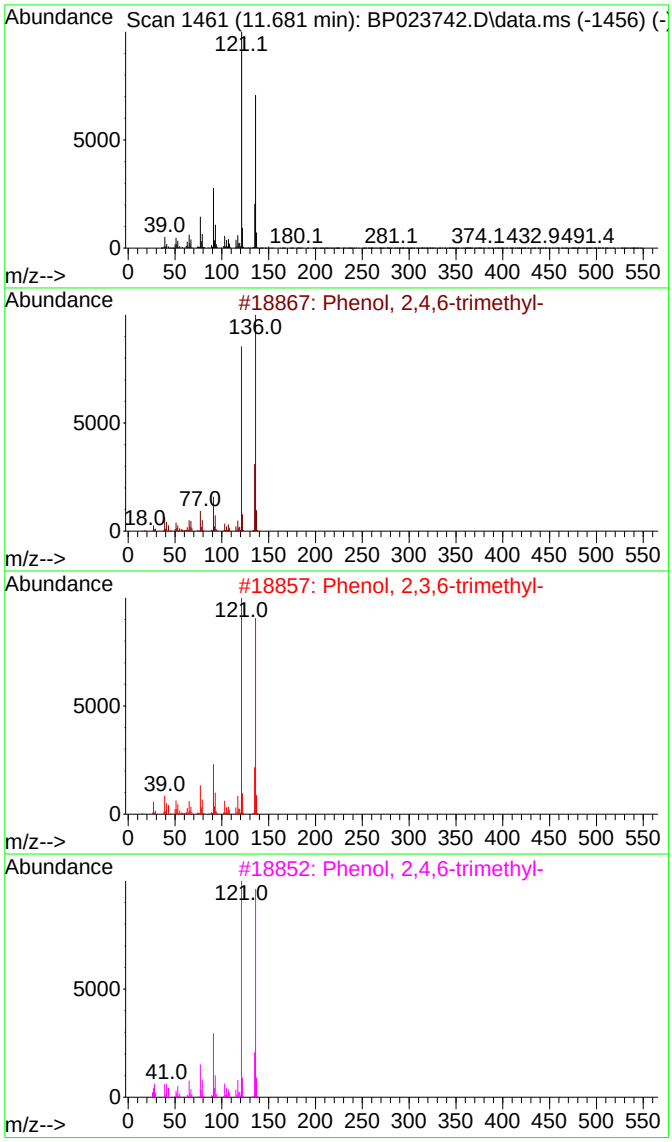
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

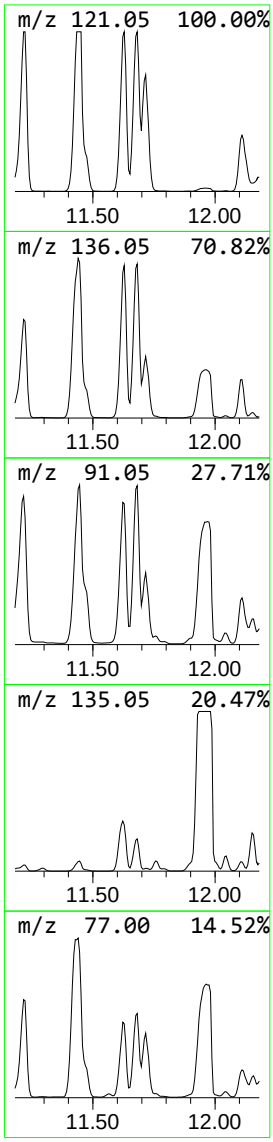
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 2,4,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.681	4.74 ng/ul	53971200	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	96
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95





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Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

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

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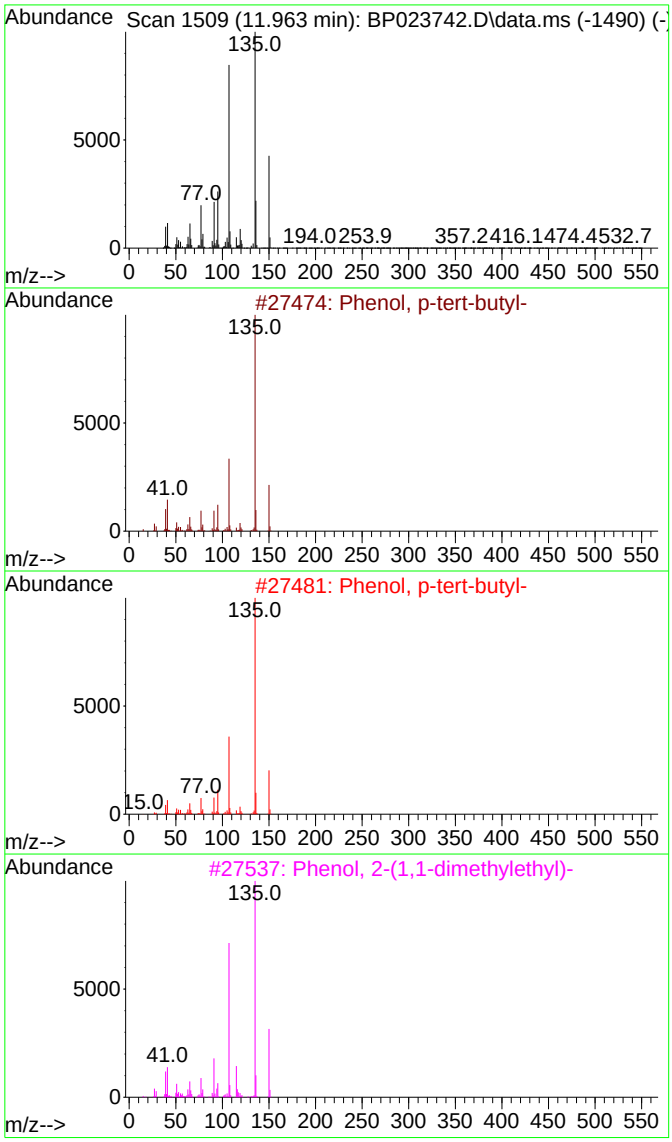
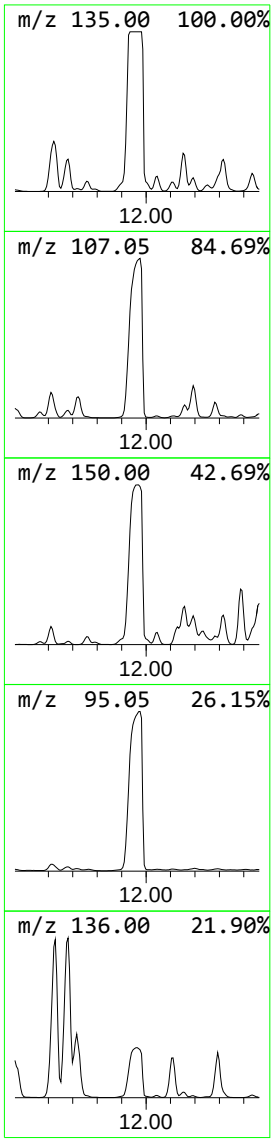
Peak Number 12 Phenol, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	12.44 ng/ul	141670000	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	74
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72





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Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

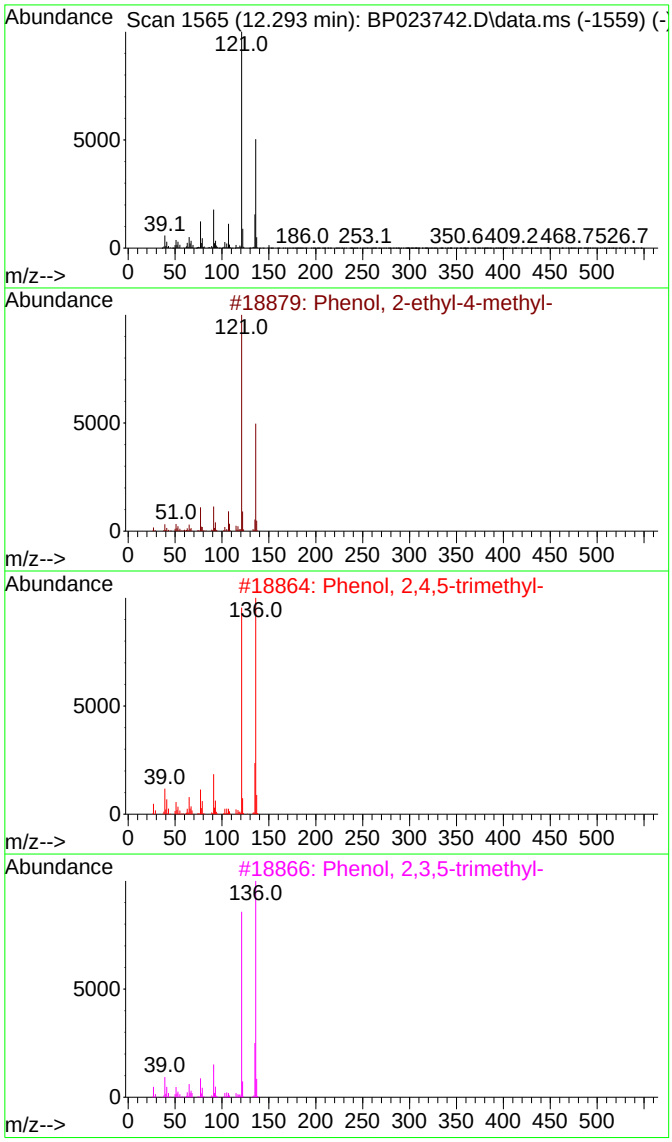
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

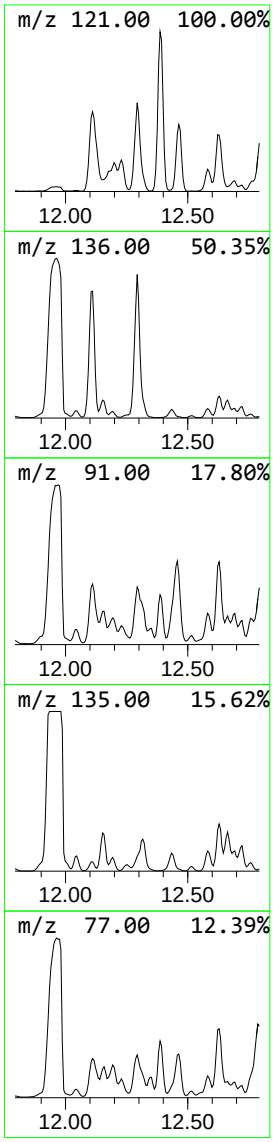
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 2,3,5-trimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.293	2.08 ng/ul	23669300	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91





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Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

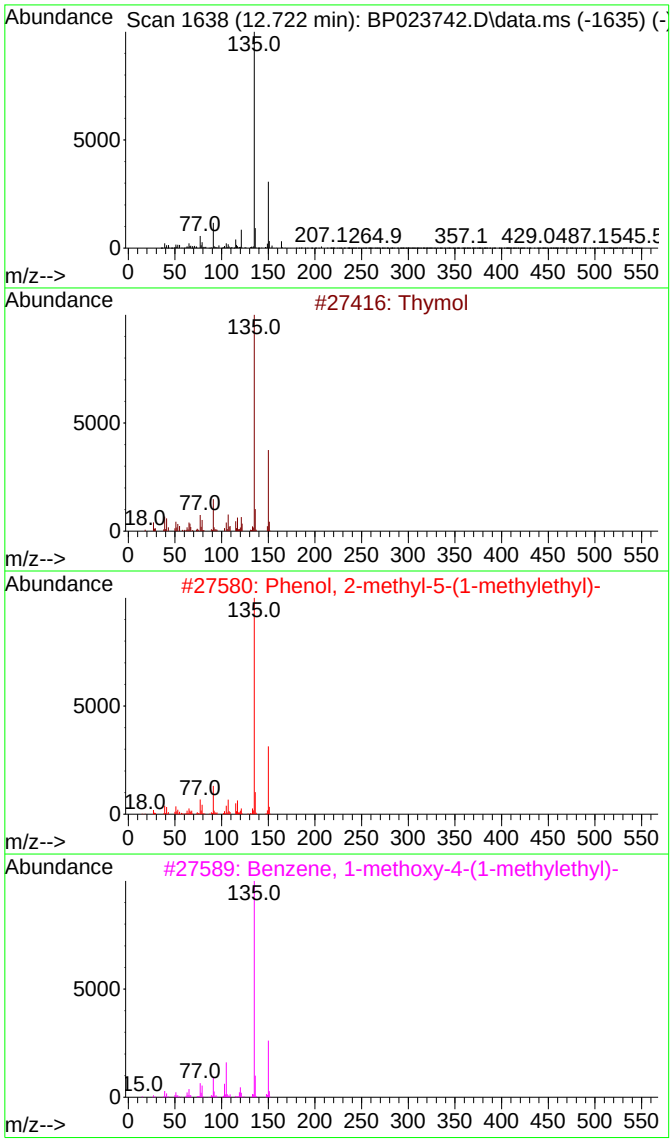
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

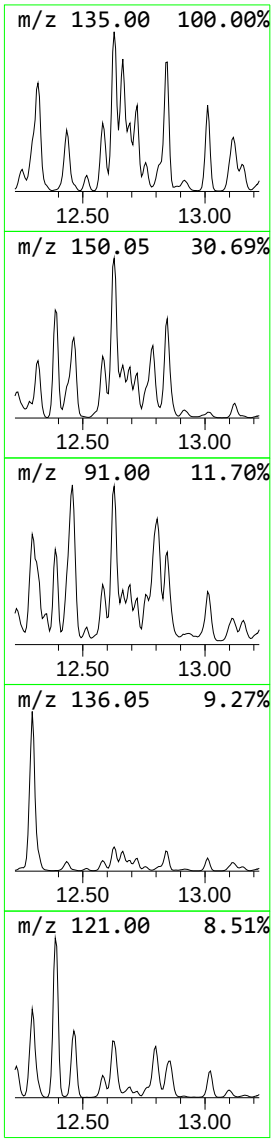
****

Peak Number 19 Thymol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	6.60 ng/ul	4693310	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	90
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	83
3	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	78
4	Thymol	150	C10H14O	000089-83-8	78
5	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	78





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Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

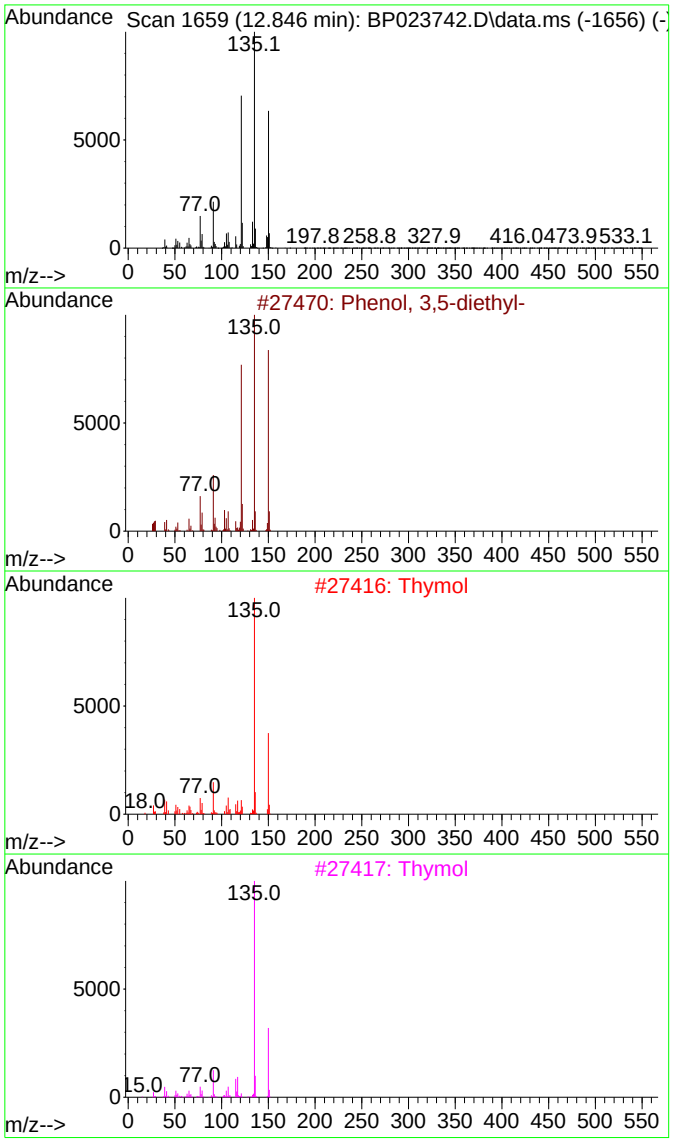
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

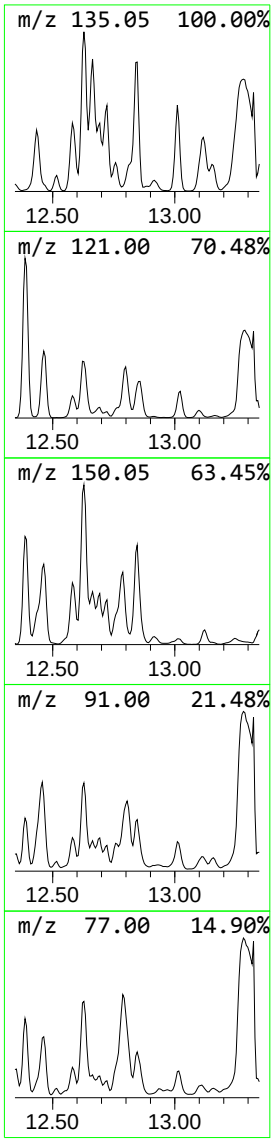
****

Peak Number 21 Phenol, 3,5-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.846	19.86 ng/ul	14129300	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	94
2	Thymol	150	C10H14O	000089-83-8	87
3	Thymol	150	C10H14O	000089-83-8	81
4	3,6-Dimethylbenzene-1,2-diamine,...	150	C9H14N2	1000499-85-0	80
5	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	74





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Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

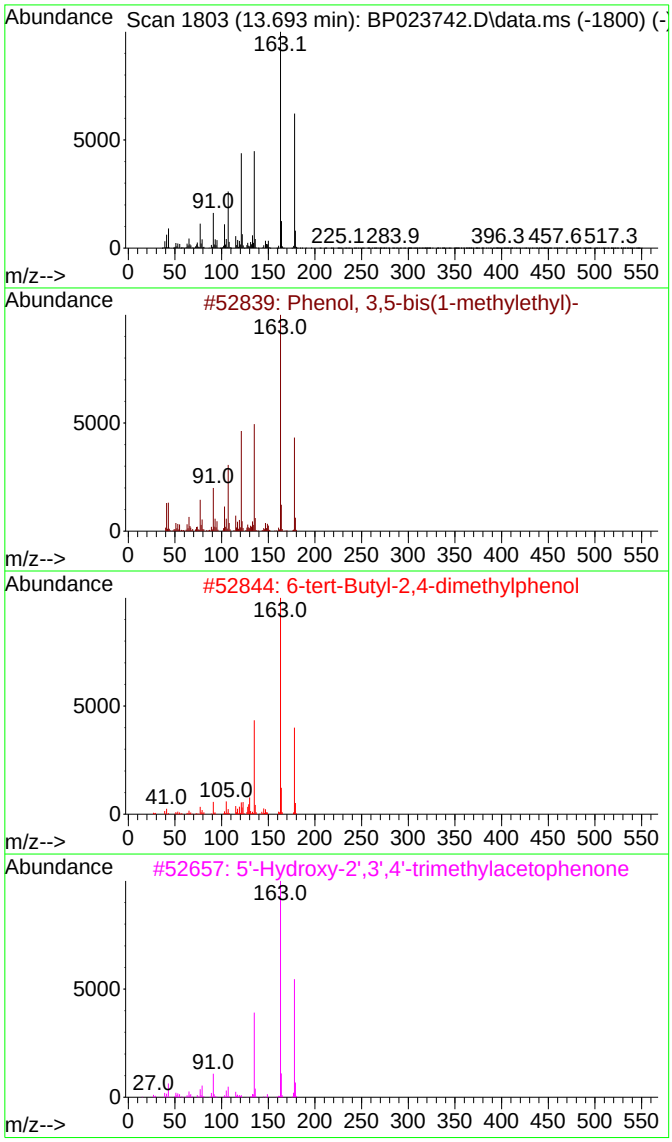
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

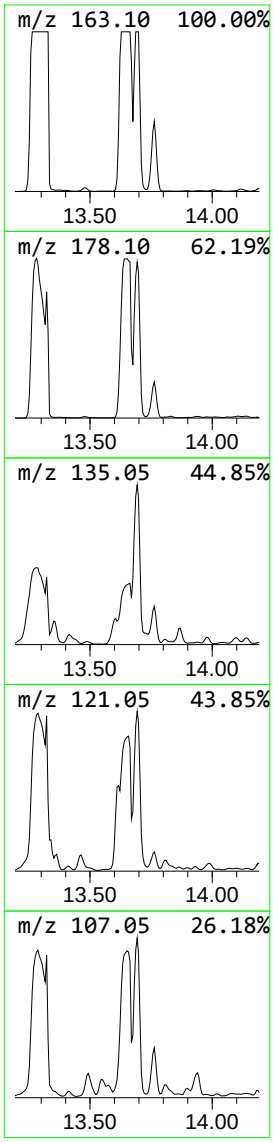
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Phenol, 3,5-bis(1-methyleth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.693	89.25 ng/ul	63511000	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-bis(1-methylethyl)-	178	C12H18O	026886-05-5	94
2	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	83
3	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	81
4	Benzene, 1,2-dimethoxy-4-propeny...	178	C11H14O2	006380-24-1	78
5	2-Amino-4,5-dimethoxybenzonitrile	178	C9H10N2O2	026961-27-3	74





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Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

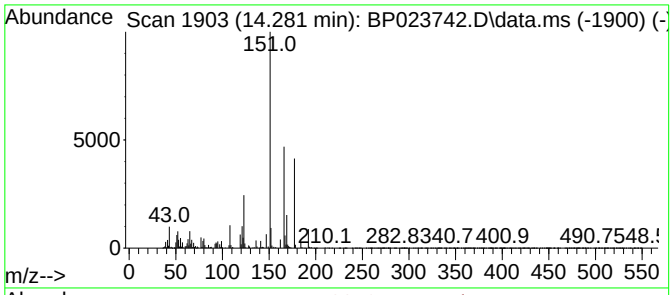
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

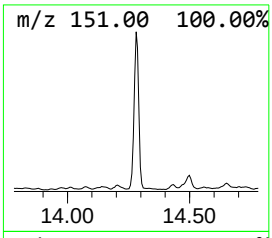
****

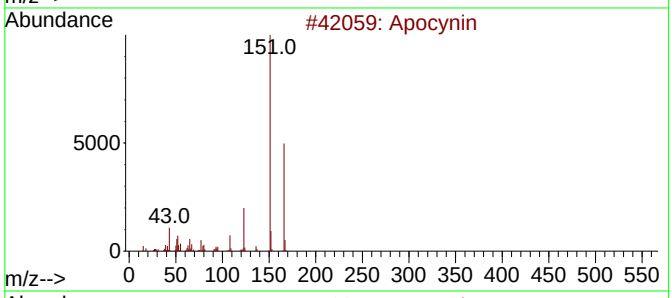
Peak Number 37 Apocynin Concentration Rank 43

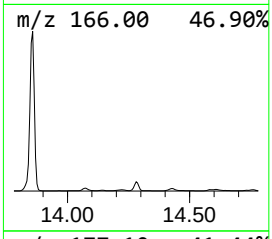
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.281	3.58 ng/ul	2550540	Acenaphthene-d10	14.434

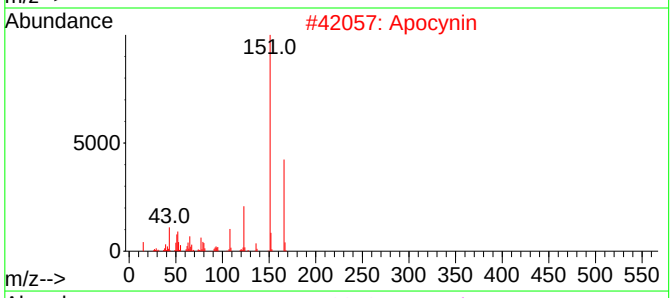
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Apocynin	166	C9H10O3	000498-02-2	93
2	Apocynin	166	C9H10O3	000498-02-2	93
3	Apocynin	166	C9H10O3	000498-02-2	92
4	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	92
5	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	92

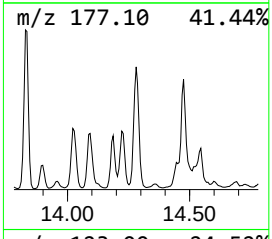


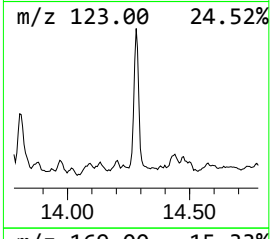


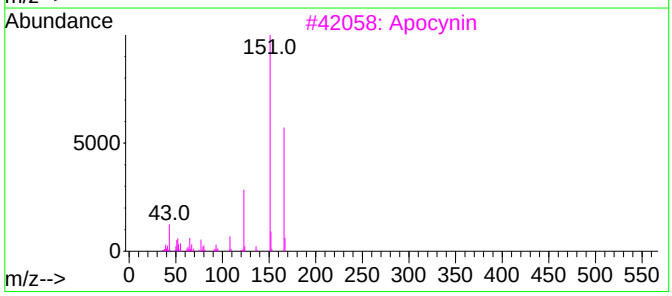


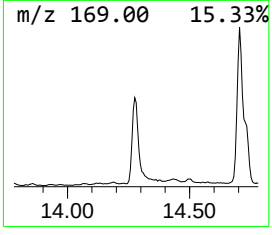












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Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

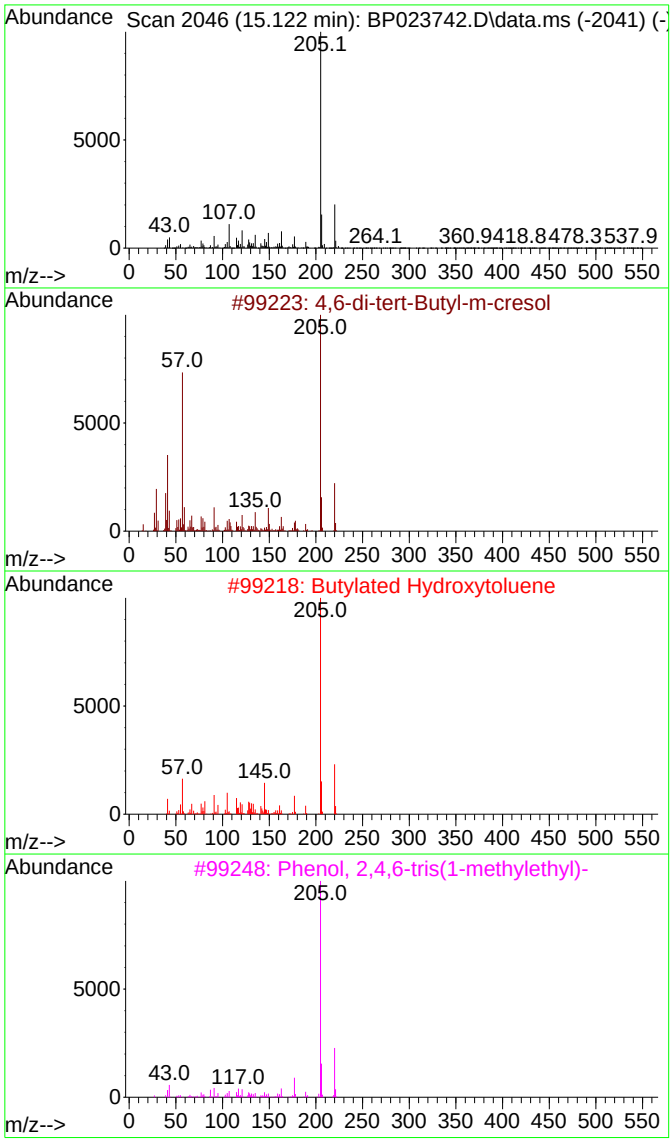
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

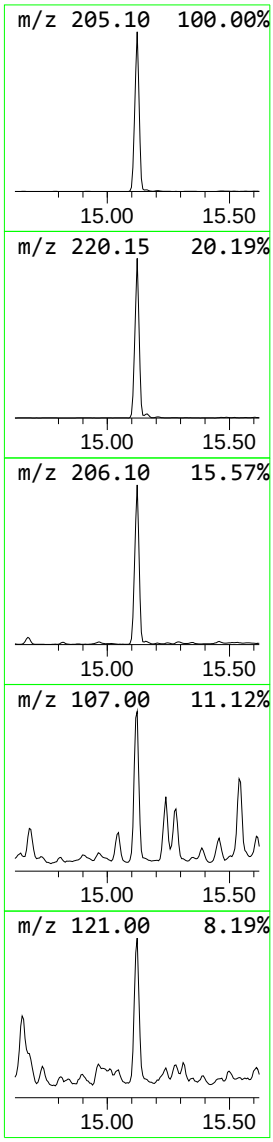
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 4,6-di-tert-Butyl-m-cresol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.122	17.65 ng/ul	12556200	Acenaphthene-d10	14.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	90
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90
3	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87
4	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	87
5	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	81





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Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

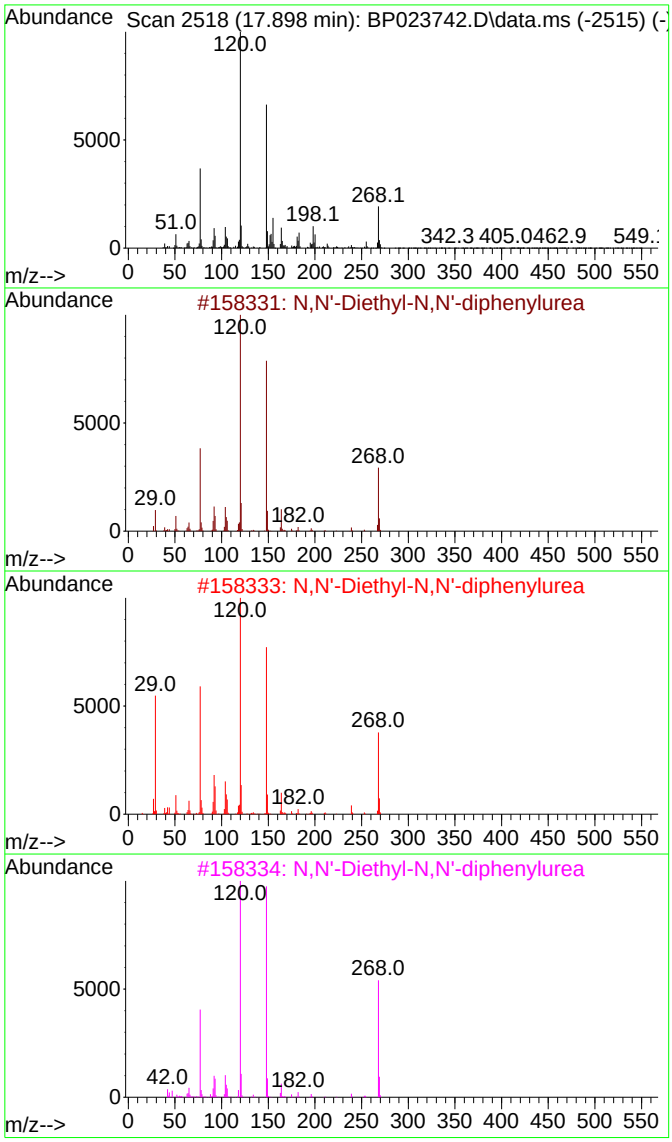
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

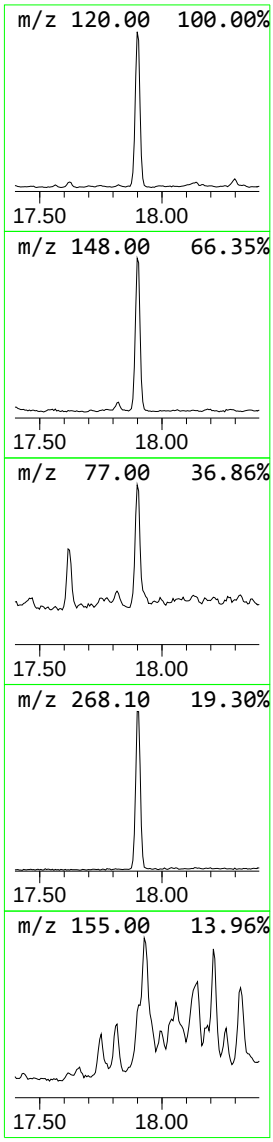
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 N,N'-Diethyl-N,N'-diphenylurea Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	4.14 ng/ul	2099540	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Diethyl-N,N'-diphenylurea	268	C17H20N2O	000085-98-3	97
2	N,N'-Diethyl-N,N'-diphenylurea	268	C17H20N2O	000085-98-3	91
3	N,N'-Diethyl-N,N'-diphenylurea	268	C17H20N2O	000085-98-3	70
4	4H-1-Benzopyran-4-one, 2,3-dihydro-	148	C9H8O2	000491-37-2	49
5	4H-1-Benzopyran-4-one, 2,3-dihydro-	148	C9H8O2	000491-37-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

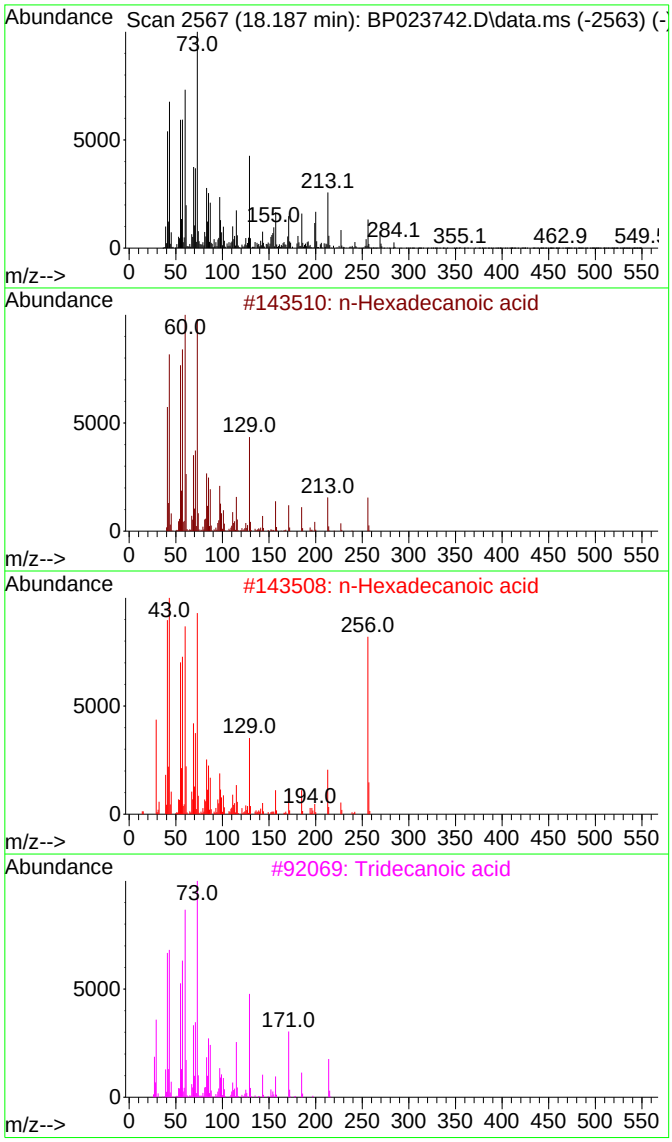
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

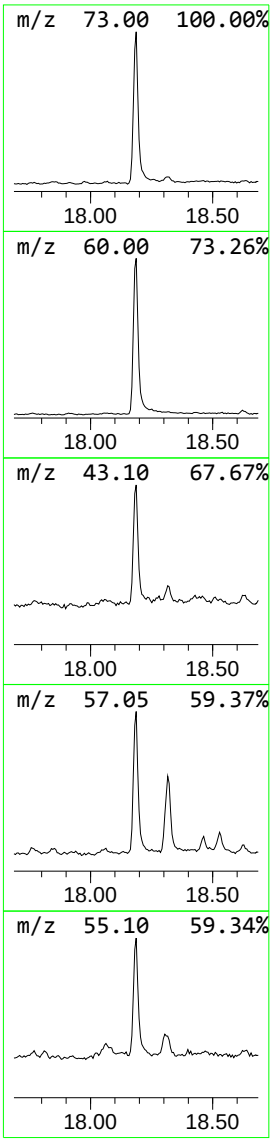
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 n-Hexadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	6.92 ng/ul	3506140	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

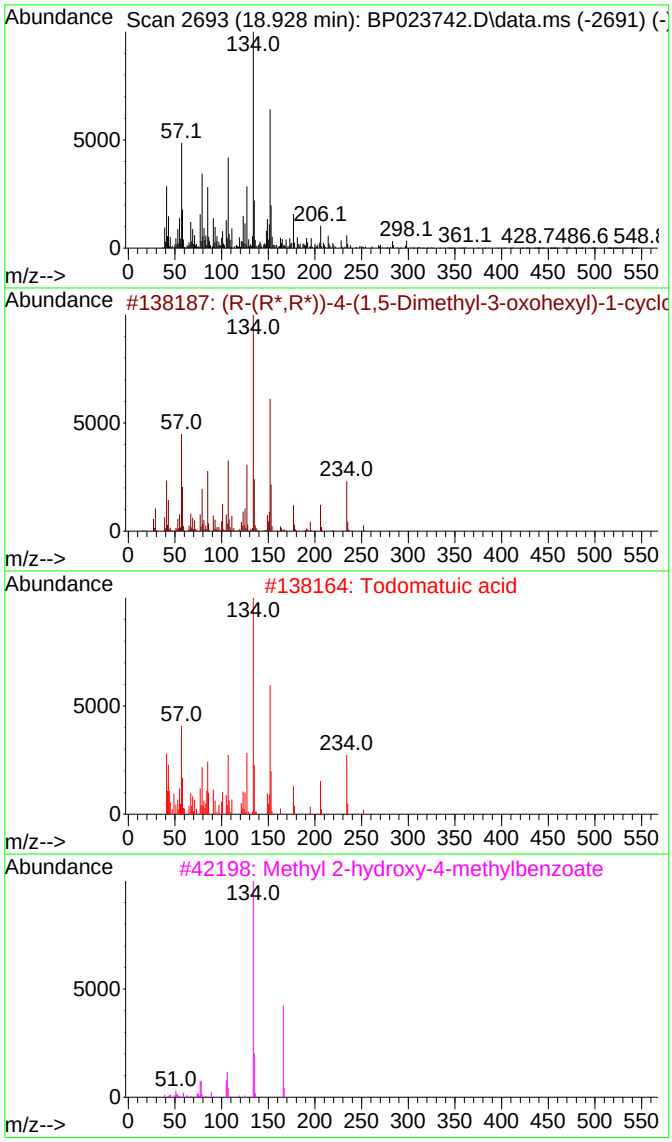
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

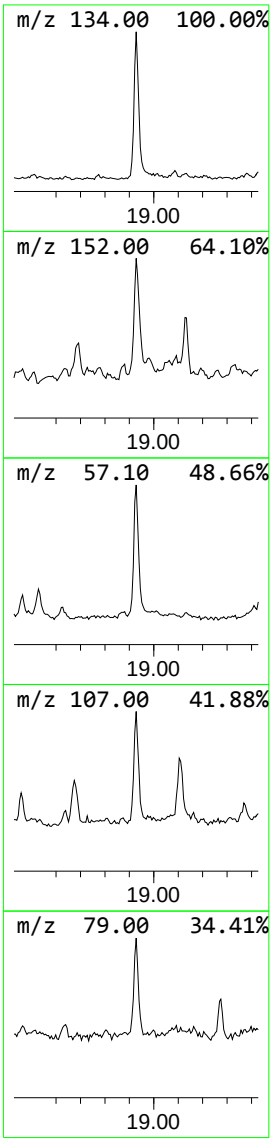
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (R-(R*,R*))-4-(1,5-Dimethyl... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	4.14 ng/ul	2097990	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R-(R*,R*))-4-(1,5-Dimethyl-3-ox...	252	C15H24O3	006753-22-6	94
2	Todomatuic acid	252	C15H24O3	017844-07-4	64
3	Methyl 2-hydroxy-4-methylbenzoate	166	C9H10O3	004670-56-8	30
4	1H-Purine, 6-methyl-	134	C6H6N4	002004-03-7	27
5	N-(2,3-Dimethylphenyl)benzenesul...	275	C15H17NO2S	1370842-86-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

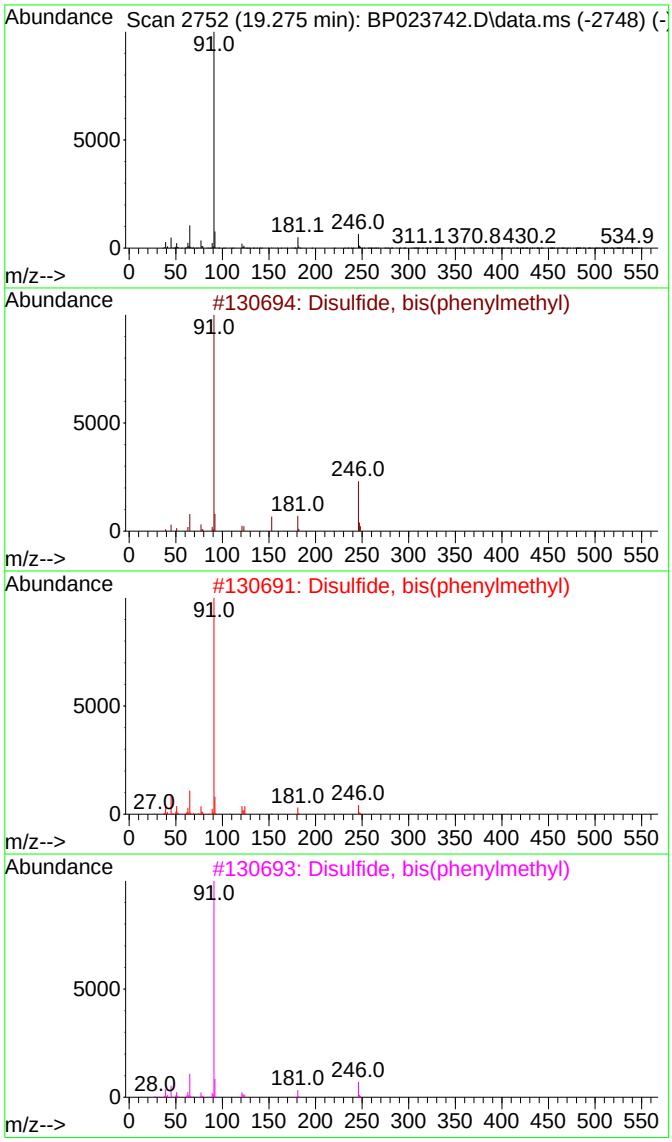
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

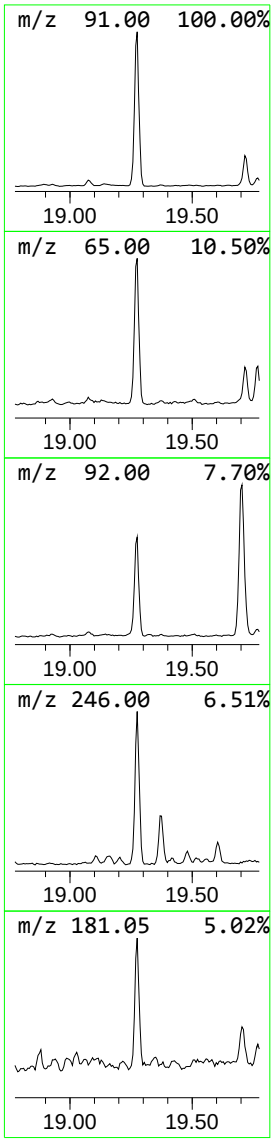
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Disulfide, bis(phenylmethyl) Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	8.56 ng/ul	4337260	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	91
2	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	87
3	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	76
4	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	70
5	Benzene, 1-methyl-4-[(phenylmeth...	246	C14H14O2S	005395-20-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

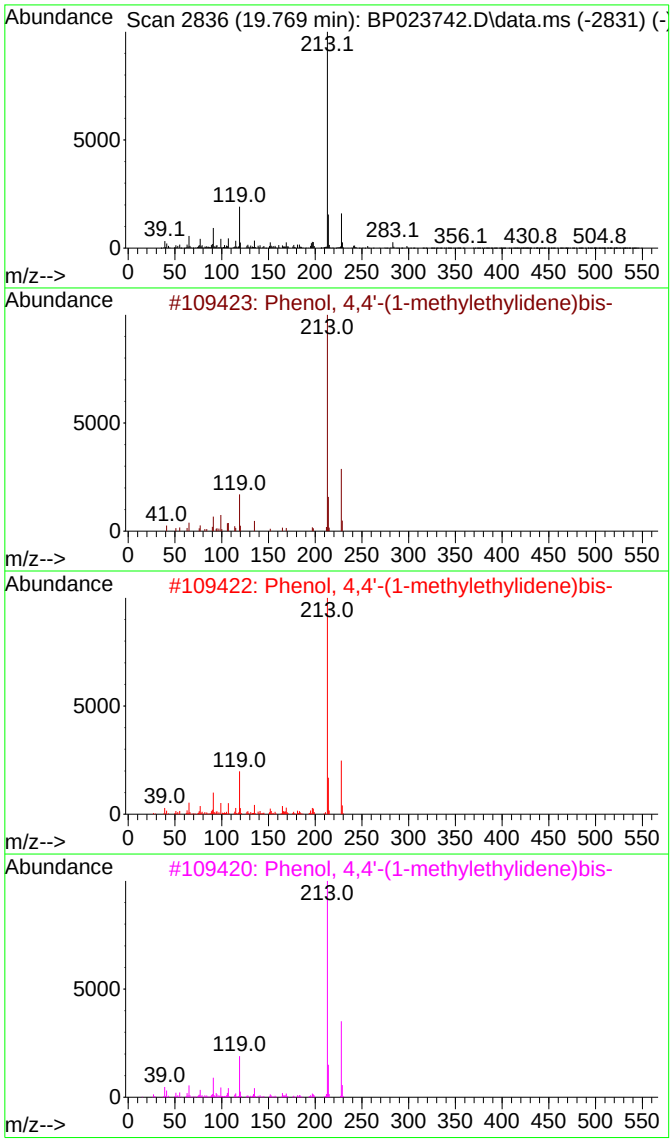
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

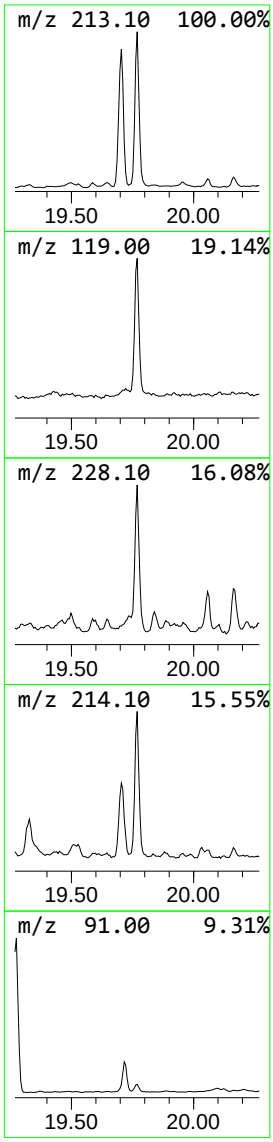
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Phenol, 4,4'-(1-methylethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.769	12.80 ng/ul	5912900	Chrysene-d12	21.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	78
5	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023742.D
Acq On : 27 Jan 2025 15:51
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.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
3,5-Dimethylhex...	8.640	9.0	ng/ul	1714590	1	7.793	3827300	20.0
Phenol, 2-ethyl-	9.552	2.1	ng/ul	23868500	2	10.581	227839000	20.0
Phenol, 3-ethyl-	10.081	15.6	ng/ul	177460000	2	10.581	227839000	20.0
Benzene, 1-meth...	10.134	7.2	ng/ul	81571700	2	10.581	227839000	20.0
Phenol, 3,4,5-t...	11.146	4.9	ng/ul	55352500	2	10.581	227839000	20.0
Phenol, 2-ethyl...	11.216	4.3	ng/ul	49587500	2	10.581	227839000	20.0
Phenol, 2,4,5-t...	11.628	5.0	ng/ul	56798800	2	10.581	227839000	20.0
Phenol, 2,4,6-t...	11.681	4.7	ng/ul	53971200	2	10.581	227839000	20.0
Phenol, p-tert-...	11.963	12.4	ng/ul	141670000	2	10.581	227839000	20.0
Phenol, 2,3,5-t...	12.293	2.1	ng/ul	23669300	2	10.581	227839000	20.0
Thymol	12.722	6.6	ng/ul	4693310	3	14.434	14231700	20.0
Phenol, 3,5-die...	12.846	19.9	ng/ul	14129300	3	14.434	14231700	20.0
Phenol, 3,5-bis...	13.693	89.3	ng/ul	63511000	3	14.434	14231700	20.0
Apocynin	14.281	3.6	ng/ul	2550540	3	14.434	14231700	20.0
4,6-di-tert-But...	15.122	17.6	ng/ul	12556200	3	14.434	14231700	20.0
N,N'-Diethyl-N,...	17.898	4.1	ng/ul	2099540	4	17.234	10137200	20.0
n-Hexadecanoic ...	18.186	6.9	ng/ul	3506140	4	17.234	10137200	20.0
(R-(R*,R*))-4-(...	18.928	4.1	ng/ul	2097990	4	17.234	10137200	20.0
Disulfide, bis(...	19.275	8.6	ng/ul	4337260	4	17.234	10137200	20.0
Phenol, 4,4'-(1...	19.769	12.8	ng/ul	5912900	5	21.686	9241760	20.0