LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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: BP023770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	33	36	41	rVB	26200	33363	0.31%	0.032%
2	3.723	105	108	118	rBV	93284	156925	1.46%	0.150%
3	4.034	157	161	167	rVB	56985	78047	0.73%	0.075%
4	4.128	174	177	183	rVB7	10715	16620	0.15%	0.016%
5	4.499	234	240	243	rBV6	7393	13004	0.12%	0.012%
6	4.946	311	316	322	rVB2	30838	46149	0.43%	0.044%
7	6.199	523	529	532	rBV5	11404	18095	0.17%	0.017%
8	6.981	650	662	675	rBV	234986	425493	3.96%	0.407%
9	7.122	679	686	695	rBV	566545	881435	8.21%	0.843%
10	7.334	715	722	734	rBV	659973	1008961	9.40%	0.965%
11	7.440	736	740	745	rVB2	11810	18346	0.17%	0.018%
12	7.787	792	799	808	rVV	2425072	3909410	36.41%	3.738%
13	7.852	808	810	816	rVV6	10305	19186	0.18%	0.018%
14	7.911	816	820	829	rVB4	15290	30976	0.29%	0.030%
15	8.028	834	840	843	rBV4	17554	36103	0.34%	0.035%
16	8.240	869	876	882	rBV	52087	85153	0.79%	0.081%
17	8.434	902	909	913	rBV4	10298	18933	0.18%	0.018%
18	8.505	913	921	926	rVV	644211	1035587	9.64%	0.990%
19	8.569	926	932	947	rVB	510815	873368	8.13%	0.835%
20	8.934	980	994	1000	rBV2	715273	1225075	11.41%	1.171%
21	9.016	1007	1008	1013	rVB5	11591	13394	0.12%	0.013%
22	9.205	1031	1040	1049	rVB	281865	443164	4.13%	0.424%
23	9.399	1066	1073	1080	rVB4	19821	55551	0.52%	0.053%
24	9.469	1080	1085	1089	rBV	35359	61906	0.58%	0.059%
25	9.552	1094	1099	1106	rBV	126830	186991	1.74%	0.179%
26	9.652	1109	1116	1124	rBV	468566	800986	7.46%	0.766%
27	9.757	1124	1134	1136	rBV	1603761	2395244	22.31%	2.290%
28	9.787	1136	1139	1153	rVB	2044133	3166046	29.49%	3.028%
29	10.028	1165	1180	1182	rBV	890442	1769855	16.48%	1.692%
30	10.063	1182	1186	1193	rVB	1984962	3117923	29.04%	2.981%
31	10.210	1200	1211	1229	rVB3	1778541	3465843	32.28%	3.314%
32	10.357	1232	1236	1239	rBV6	8585	13493	0.13%	0.013%
33	10.393	1239	1242	1246	rBV2	20076	33408	0.31%	0.032%
34	10.446	1246	1251	1255	rVV	578884	888343	8.27%	0.849%
35	10.499	1255	1260	1265	rVV	1048494	1508833	14.05%	1.443%
36	10.569	1265	1272	1278	rVV	3565756	5936378	55.29%	5.677%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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	10.622	1278	1281	1289	rVB	156727	234280	2.18%	0.224%
38	10.704	1289	1295	1307	rBV2	378616	755507	7.04%	0.722%
39	10.852	1314	1320	1327	rBV	121833	197691	1.84%	0.189%
40	10.934	1327	1334	1343	rBV	692646	1197354	11.15%	1.145%
41	11.022	1344	1349	1358	rVB	156786	239982	2.24%	0.229%
42	11.110	1358	1364	1369	rBV	280294	479071	4.46%	0.458%
43	11.152	1369	1371	1373	rVV	54021	64366	0.60%	0.062%
44	11.187	1373	1377	1389	rVB	193964	353399	3.29%	0.338%
45	11.346	1398	1404	1407	rBV	26649	51559	0.48%	0.049%
46	11.404	1409	1414	1419	rVV	141514	227215	2.12%	0.217%
47	11.446	1419	1421	1425	rVB	28734	29751	0.28%	0.028%
48	11.540	1433	1437	1440	rBV6	8990	14559	0.14%	0.014%
49	11.599	1441	1447	1452	rVV	90342	154578	1.44%	0.148%
50	11.652	1452	1456	1460	rVV	134473	221715	2.06%	0.212%
51	11.687	1460	1462	1469	rVB3	61069	94578	0.88%	0.090%
52	11.763	1469	1475	1479	rBV9	12627	25413	0.24%	0.024%
53	11.899	1489	1498	1501	rBV3	21550	59485	0.55%	0.057%
54	12.016	1514	1518	1523	rBV6	8391	13800	0.13%	0.013%
55	12.075	1523	1528	1530	rBV4	16013	22817	0.21%	0.022%
56	12.146	1537	1540	1544	rVB3	16897	21771	0.20%	0.021%
57	12.228	1549	1554	1559	rBV	106310	171121	1.59%	0.164%
58	12.275	1559	1562	1563	rBV	17828	15827	0.15%	0.015%
59	12.369	1576	1578	1584	rVB3	13852	20655	0.19%	0.020%
60	12.446	1584	1591	1598	rBV	175504	309854	2.89%	0.296%
61	12.510	1600	1602	1604	rVV2	11918	14614	0.14%	0.014%
62	12.546	1604	1608	1615	rVB4	39762	76672	0.71%	0.073%
63	12.616	1615	1620	1624	rBV3	35560	64103	0.60%	0.061%
64	12.675	1626	1630	1639	rVB	62545	126960	1.18%	0.121%
65	12.793	1646	1650	1655	rBV4	32271	55387	0.52%	0.053%
66	12.951	1671	1677	1680	rBV2	37136	67933	0.63%	0.065%
67	12.987	1681	1683	1694	rVB8	28618	61347	0.57%	0.059%
68	13.146	1706	1710	1712	rBV5	11587	16813	0.16%	0.016%
69	13.257	1723	1729	1735	rBV	393241	625705	5.83%	0.598%
70	13.416	1752	1756	1757	rBV4	23712	28863	0.27%	0.028%
71	13.534	1772	1776	1779	rBV5	32107	53170	0.50%	0.051%
72	13.569	1779	1782	1787	rVV5	28697	63565	0.59%	0.061%
73	13.628	1788	1792	1795	rVV	295713	375255	3.49%	0.359%
74	13.663	1795	1798	1803	rVV	287822	371549	3.46%	0.355%
75	13.728	1805	1809	1815	rVV2	72304	119826	1.12%	0.115%
76	13.816	1815	1824	1830	rVV	1694600	2237634	20.84%	2.140%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E2954DL

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	13.940	1843	1845	1847	rBV3	15672	14988	0.14%	0.014%
78	14.028	1857	1860	1865	rVB3	54319	76393	0.71%	0.073%
79	14.104	1866	1873	1883	rVB	1916307	2834970	26.40%	2.711%
80	14.222	1890	1893	1897	rVB6	24573	37479	0.35%	0.036%
81	14.416	1919	1926	1932	rBV	5764763	8157141	75.97%	7.800%
82	14.469	1932	1935	1943	rVB3	91517	170568	1.59%	0.163%
83	14.598	1952	1957	1961	rVB7	26898	45099	0.42%	0.043%
84	14.651	1961	1966	1975	rBV2	248044	440913	4.11%	0.422%
85	14.775	1984	1987	1990	rVB4	32002	37632	0.35%	0.036%
86	14.951	2013	2017	2021	rBV4	36556	65665	0.61%	0.063%
87	15.422	2091	2097	2103	rBV	2383551	3561766	33.17%	3.406%
88	15.534	2111	2116	2122	rBV	629311	856308	7.98%	0.819%
89	15.792	2156	2160	2164	rBV	145442	171434	1.60%	0.164%
90	16.169	2221	2224	2235	rVB2	122031	224077	2.09%	0.214%
91	16.351	2252	2255	2261	rVB3	144434	202496	1.89%	0.194%
92	16.804	2329	2332	2335	rBV	124234	133040	1.24%	0.127%
93	17.216	2395	2402	2412	rBV2	6119656	9597691	89.39%	9.178%
94	17.316	2413	2419	2426	rBV2	2531721	3794253	35.34%	3.628%
95	17.904	2515	2519	2525	rVB	203103	320679	2.99%	0.307%
96	19.251	2744	2748	2754	rVB	1098909	1406616	13.10%	1.345%
97	19.680	2816	2821	2828	rBV	3093814	4269370	39.76%	4.083%
98	21.663	3153	3158	3172	rVB2	6274790	10260188	95.56%	9.811%
99	24.833	3690	3697	3707	rVB2	1467411	4036417	37.59%	3.860%
100	25.074	3729	3738	3748	rVB	4177310	10737296	100.00%	10.267%

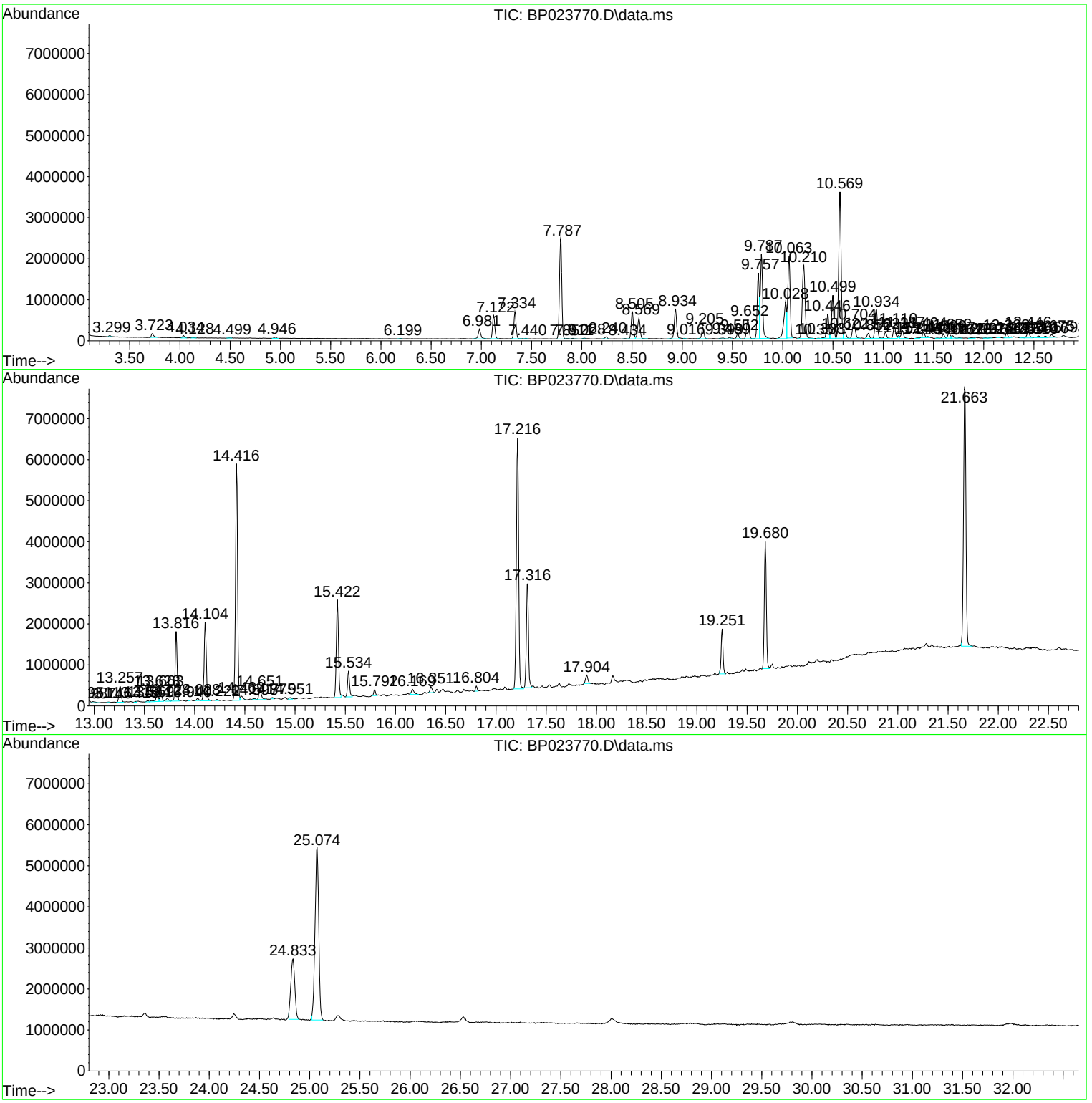
Sum of corrected areas: 104575810

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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 : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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

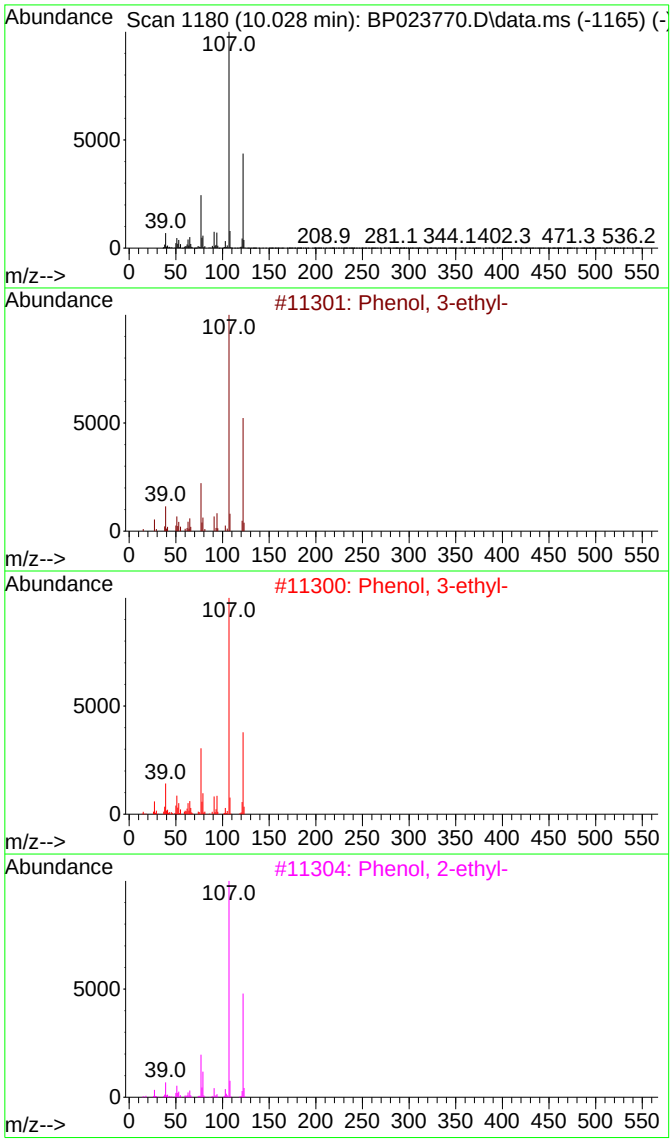
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

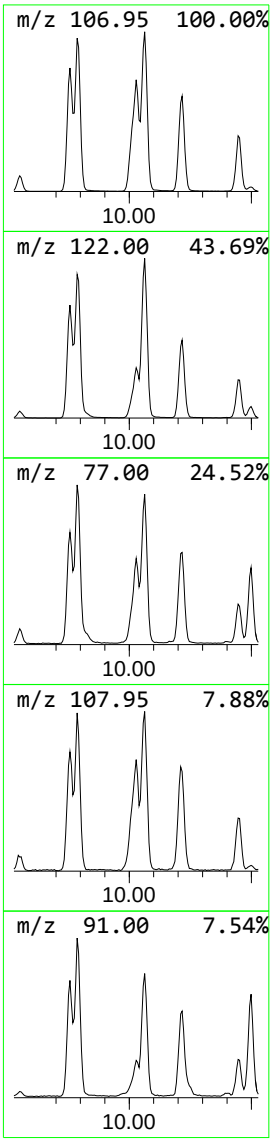
****

Peak Number 1 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	5.96 ng/ul	1769860	Naphthalene-d8	10.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	97
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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

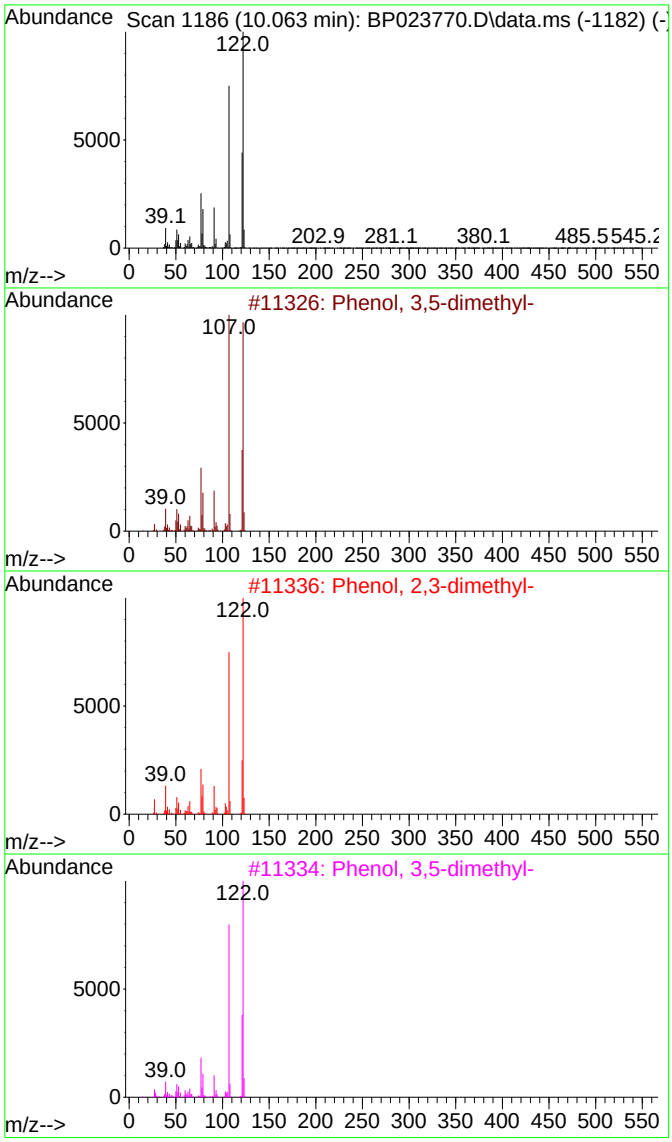
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

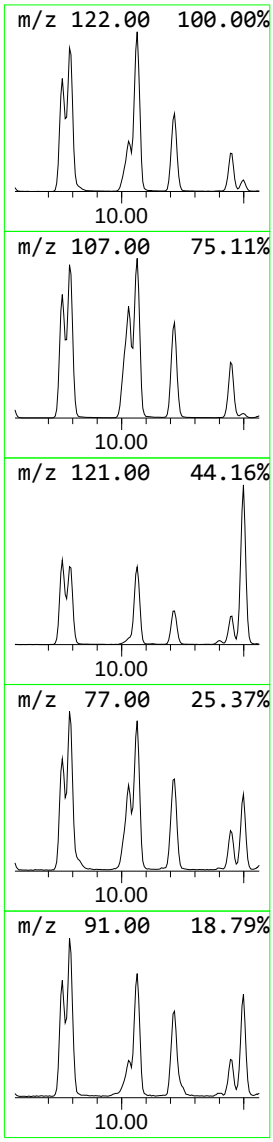
****

Peak Number 2 Phenol, 3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	10.50 ng/ul	3117920	Naphthalene-d8	10.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	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 : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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

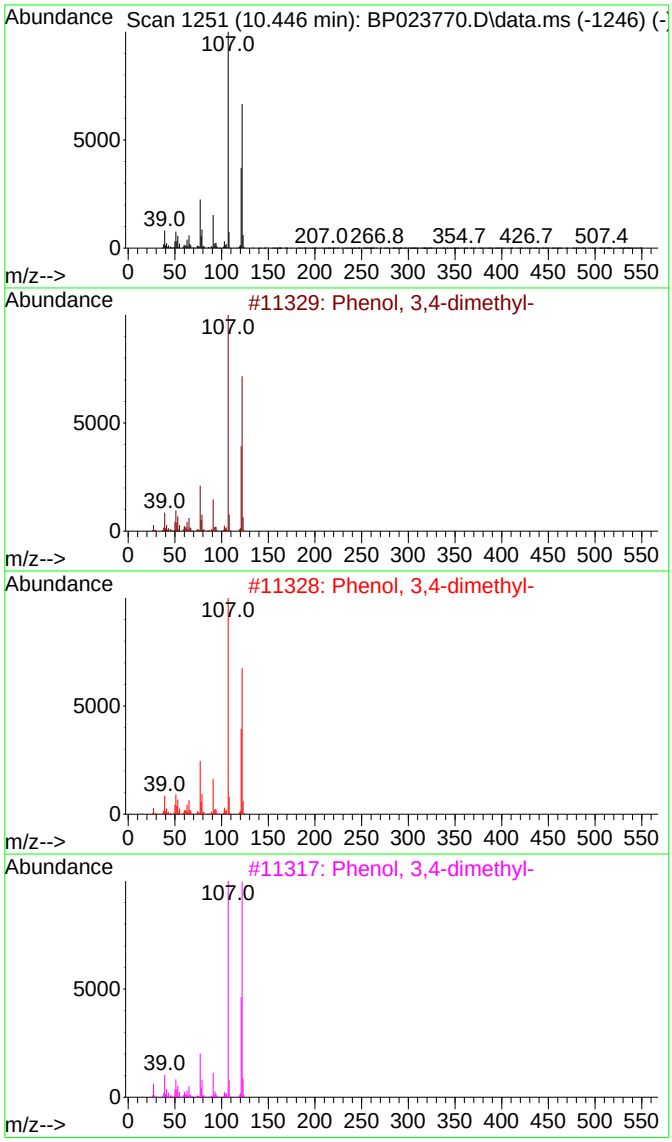
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

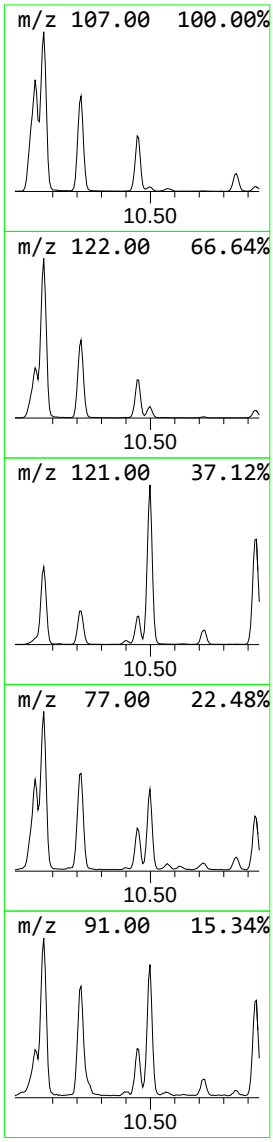
****

Peak Number 3 Phenol, 3,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.446	2.99 ng/ul	888343	Naphthalene-d8	10.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

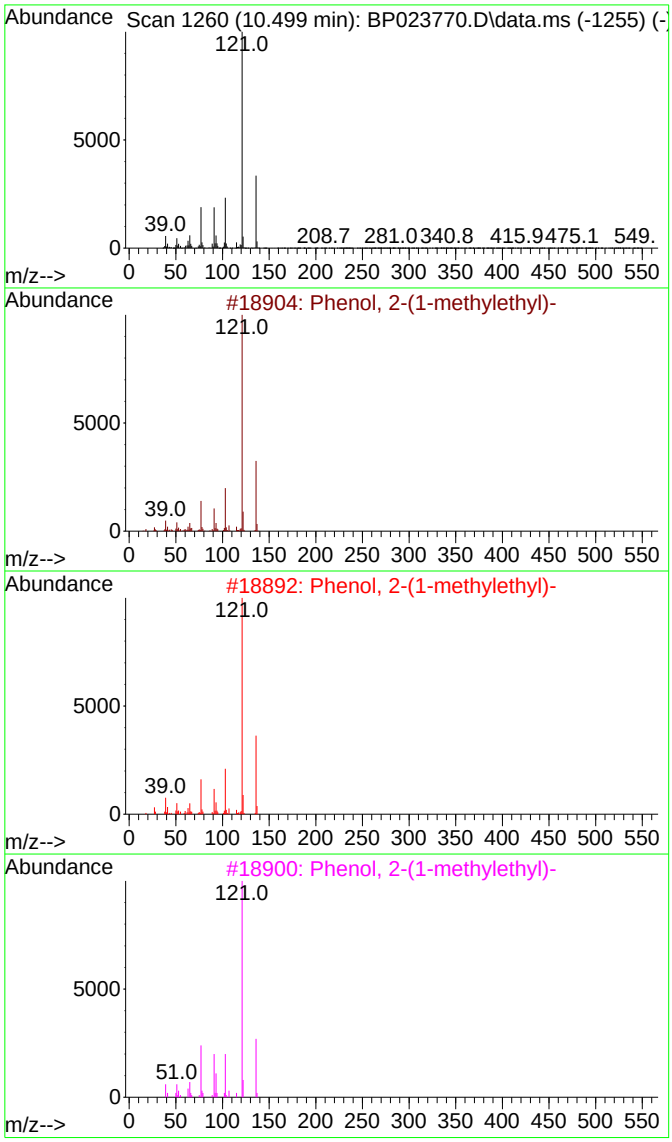
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

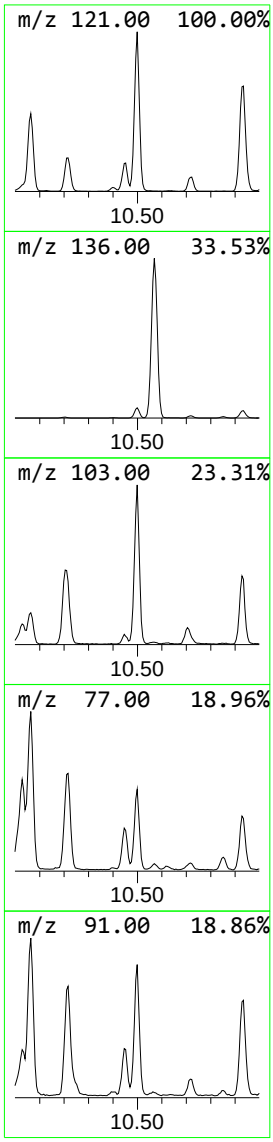
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2-(1-methylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.499	5.08 ng/ul	1508830	Naphthalene-d8	10.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
4	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	87
5	p-Cumenol	136	C9H12O	000099-89-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

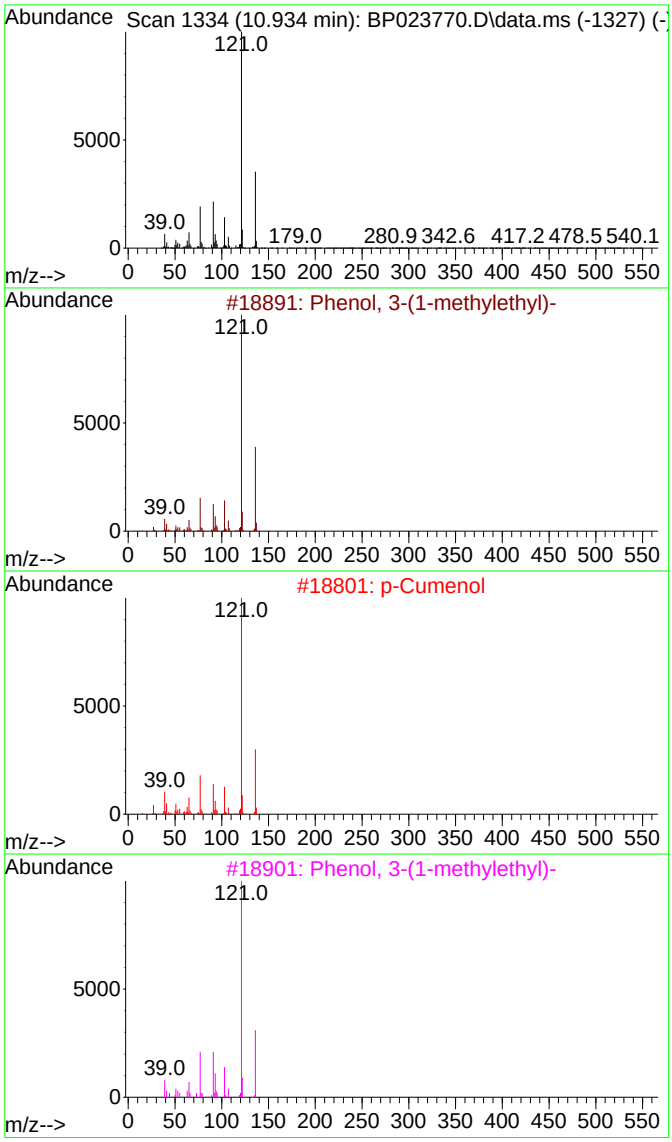
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

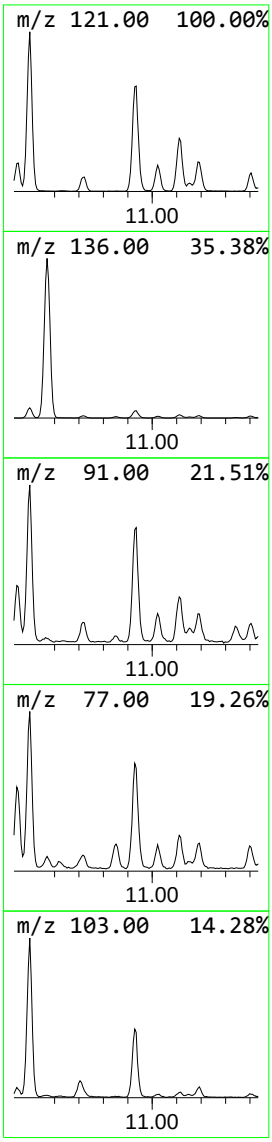
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 3-(1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.934	4.03 ng/ul	1197350	Naphthalene-d8	10.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	95
2	p-Cumenol	136	C9H12O	000099-89-8	94
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
4	p-Cumenol	136	C9H12O	000099-89-8	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

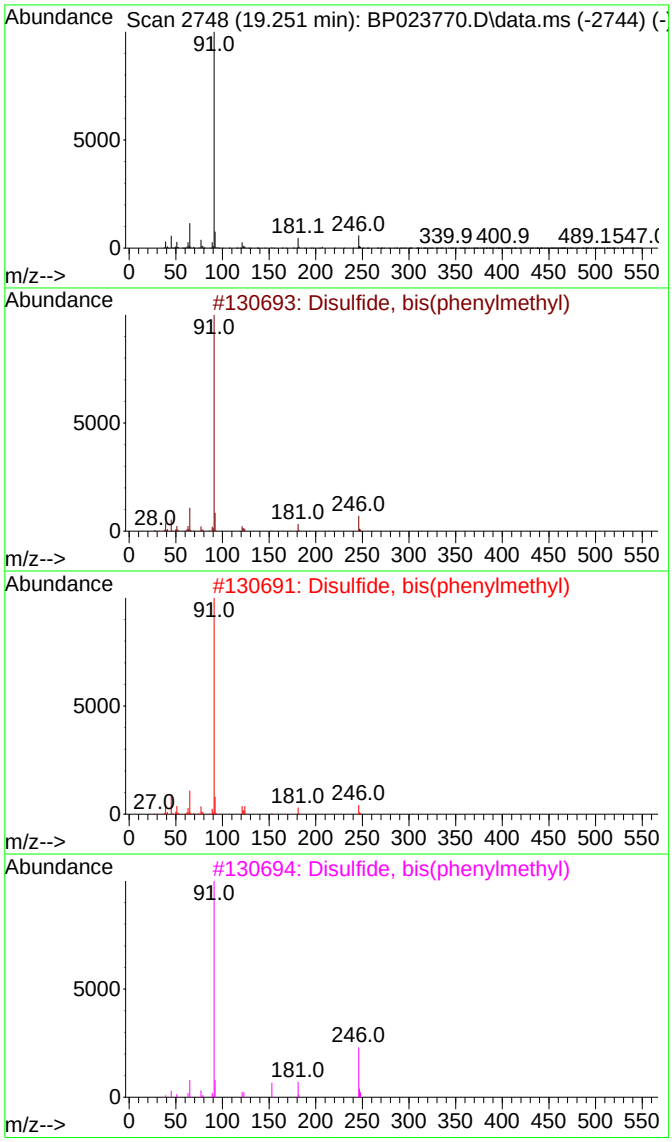
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION

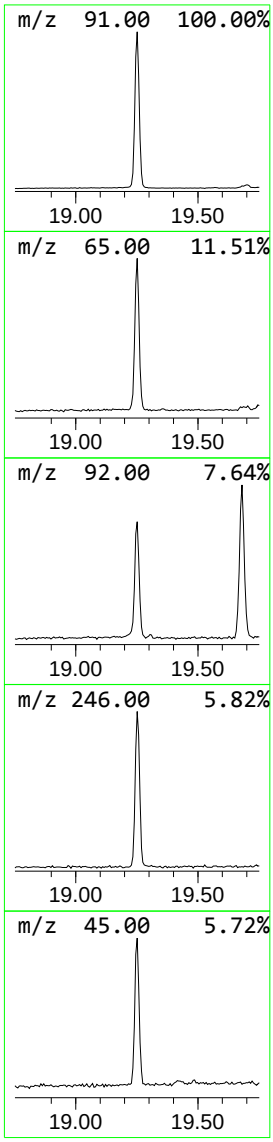
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Disulfide, bis(phenylmethyl) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	2.93 ng/ul	1406620	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	94
2	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	93
3	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	91
4	Disulfide, bis(phenylmethyl)	246	C14H14S2	000150-60-7	87
5	Benzene, 1-methyl-4-[(phenylmeth...	246	C14H14O2S	005395-20-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023770.D
Acq On : 28 Jan 2025 12:28
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2954DL

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
Phenol, 3-ethyl-	10.028	6.0	ng/ul	1769860	2	10.569	5936380	20.0
Phenol, 3,5-dim...	10.063	10.5	ng/ul	3117920	2	10.569	5936380	20.0
Phenol, 3,4-dim...	10.446	3.0	ng/ul	888343	2	10.569	5936380	20.0
Phenol, 2-(1-me...	10.499	5.1	ng/ul	1508830	2	10.569	5936380	20.0
Phenol, 3-(1-me...	10.934	4.0	ng/ul	1197350	2	10.569	5936380	20.0
Disulfide, bis(...	19.251	2.9	ng/ul	1406620	4	17.216	9597690	20.0