LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DDCG5

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-BP091124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	25	rVB	2148135	2178970	56.65%	6.504%
2	3.269	45	48	55	rVB	25380	33473	0.87%	0.100%
3	3.887	149	153	160	rVB2	14648	21150	0.55%	0.063%
4	4.552	263	266	273	rVB5	6774	11525	0.30%	0.034%
5	5.605	440	445	449	rBV8	2754	4109	0.11%	0.012%
6	5.799	473	478	488	rVB	16249	32838	0.85%	0.098%
7	6.169	531	541	551	rVB	46561	85402	2.22%	0.255%
8	6.593	609	613	617	rBV7	4231	7067	0.18%	0.021%
9	6.640	617	621	627	rVB9	5015	9090	0.24%	0.027%
10	6.769	639	643	648	rVB4	4157	6548	0.17%	0.020%
11	6.934	664	671	682	rVB	181839	289210	7.52%	0.863%
12	7.093	691	698	713	rVB	345570	548875	14.27%	1.638%
13	7.299	726	733	744	rBV	439548	704854	18.33%	2.104%
14	7.763	804	812	819	rBV	370933	605018	15.73%	1.806%
15	7.828	819	823	830	rVB3	9259	15776	0.41%	0.047%
16	8.452	922	929	945	rBV	431472	716413	18.63%	2.138%
17	8.569	947	949	955	rVB4	4528	6618	0.17%	0.020%
18	8.840	989	995	999	rBV	59909	96972	2.52%	0.289%
19	8.899	999	1005	1011	rVV	412659	712494	18.52%	2.127%
20	8.940	1011	1012	1019	rVB2	19675	27565	0.72%	0.082%
21	9.616	1119	1127	1139	rBV	264615	467958	12.17%	1.397%
22	9.781	1149	1155	1158	rBV5	4368	9949	0.26%	0.030%
23	9.851	1164	1167	1178	rVB5	3487	8436	0.22%	0.025%
24	10.157	1211	1219	1234	rBV	536787	947196	24.63%	2.827%
25	10.434	1258	1266	1274	rBV	75629	140674	3.66%	0.420%
26	10.528	1275	1282	1289	rVV	479111	847087	22.02%	2.529%
27	10.593	1289	1293	1299	rVV3	20645	32676	0.85%	0.098%
28	10.663	1299	1305	1316	rVV	74886	140045	3.64%	0.418%
29	10.751	1316	1320	1327	rVB9	3779	7617	0.20%	0.023%
30	11.175	1386	1392	1397	rBV2	4571	8094	0.21%	0.024%
31	11.322	1411	1417	1427	rVB2	4638	11538	0.30%	0.034%
32	11.693	1475	1480	1485	rBV5	5588	10844	0.28%	0.032%
33	11.810	1494	1500	1511	rBV3	17020	38548	1.00%	0.115%
34	12.110	1539	1551	1556	rBV	16787	34756	0.90%	0.104%
35	12.163	1556	1560	1571	rVB4	7925	22196	0.58%	0.066%
36	12.975	1693	1698	1703	rVB7	2935	4938	0.13%	0.015%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCG5

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-BP091124.MA.M
Title : SVOA CALIBRATION

37	13.275	1743	1749	1758	rBV	40388	75548	1.96%	0.226%
38	13.775	1827	1834	1850	rBV	1129347	1609000	41.83%	4.803%
39	14.057	1874	1882	1892	rBV	1113167	1728388	44.94%	5.159%
40	14.234	1907	1912	1916	rVV6	2074	4112	0.11%	0.012%
41	14.369	1927	1935	1942	rBV	839463	1268692	32.99%	3.787%
42	14.575	1964	1970	1990	rBV	156471	312018	8.11%	0.931%
43	14.728	1992	1996	2000	rVV7	3335	6681	0.17%	0.020%
44	14.792	2002	2007	2013	rVB6	5623	12568	0.33%	0.038%
45	15.057	2048	2052	2054	rBV5	3526	5139	0.13%	0.015%
46	15.198	2067	2076	2079	rBV8	4319	8409	0.22%	0.025%
47	15.375	2099	2106	2113	rBV	1509593	2348614	61.06%	7.011%
48	15.498	2120	2127	2142	rBV	509087	712725	18.53%	2.127%
49	15.622	2144	2148	2151	rVB5	7983	11307	0.29%	0.034%
50	15.745	2165	2169	2173	rVB5	5455	8263	0.21%	0.025%
51	16.022	2212	2216	2220	rVB7	5028	7621	0.20%	0.023%
52	16.657	2320	2324	2333	rBV3	7855	15482	0.40%	0.046%
53	17.163	2403	2410	2417	rBV	870635	1634820	42.51%	4.880%
54	17.275	2422	2429	2442	rVV	1970159	2856821	74.28%	8.528%
55	17.863	2524	2529	2537	rBV	117967	172935	4.50%	0.516%
56	18.092	2563	2568	2577	rBV2	51728	81133	2.11%	0.242%
57	19.186	2749	2754	2757	rBV3	19198	29237	0.76%	0.087%
58	19.257	2762	2766	2769	rVV2	13089	19985	0.52%	0.060%
59	19.422	2789	2794	2800	rBV4	42073	76154	1.98%	0.227%
60	19.633	2824	2830	2838	rBV	2526028	3558404	92.52%	10.622%
61	21.592	3157	3163	3173	rBV	1229622	1989377	51.72%	5.938%
62	24.662	3678	3685	3704	rVB	1350936	3846160	100.00%	11.481%
63	24.904	3718	3726	3740	rVB2	866434	2255043	58.63%	6.731%

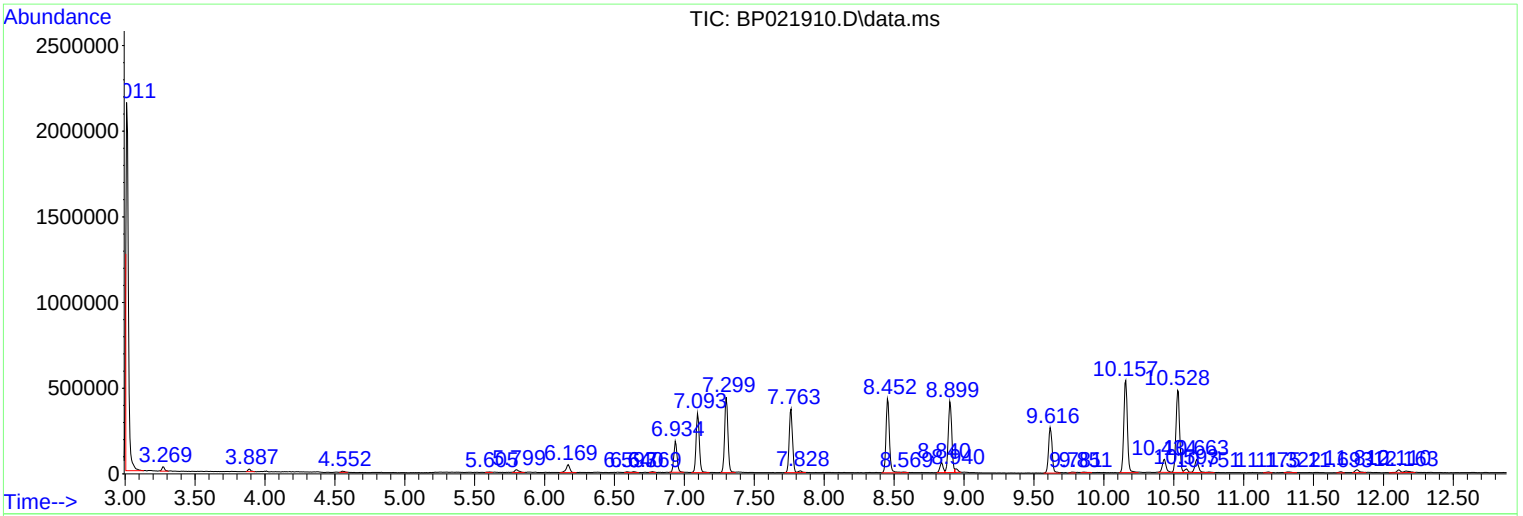
Sum of corrected areas: 33501155

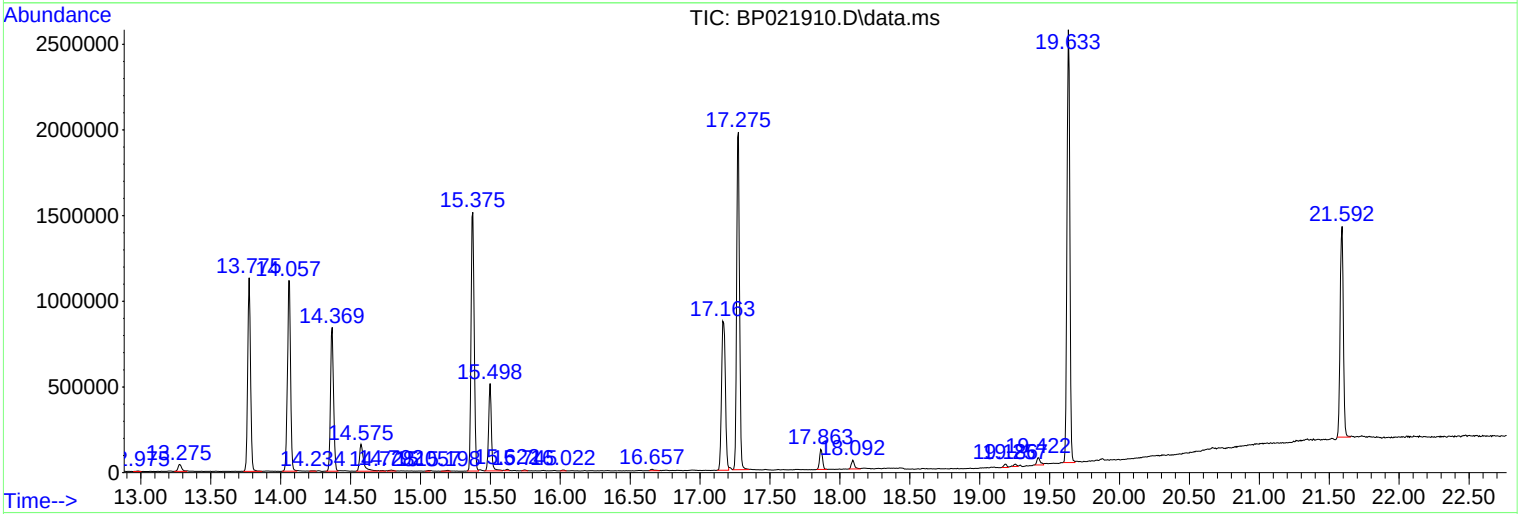
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

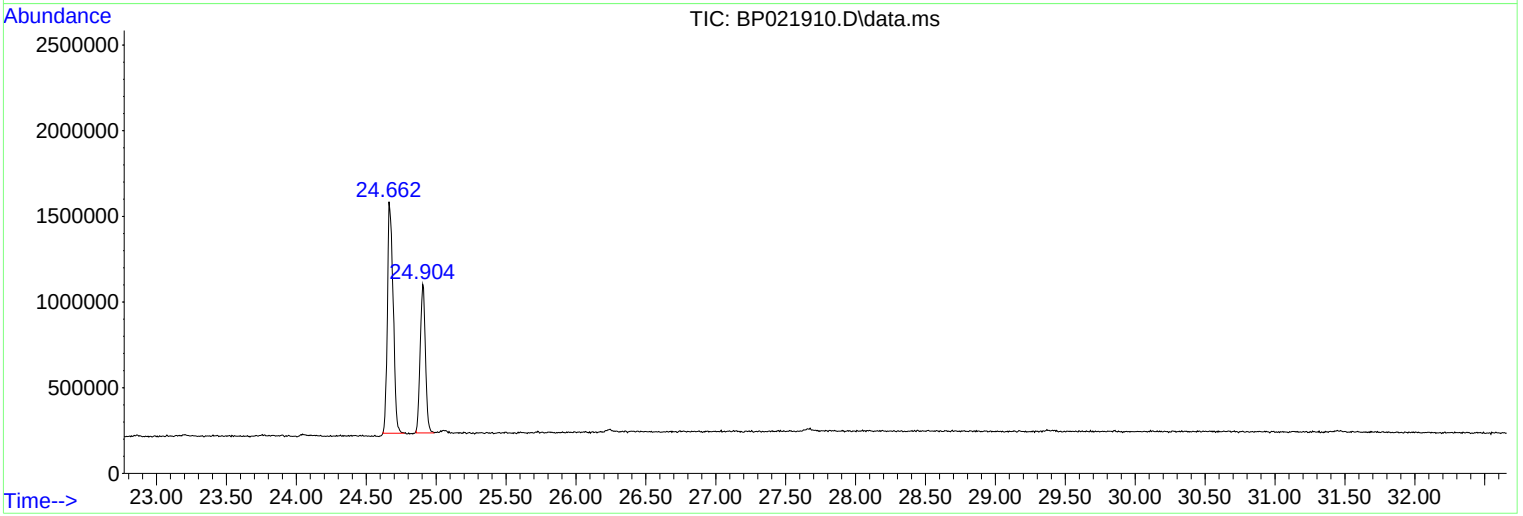
Instrument :
BNA_P
ClientSampleId :
DDCG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.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\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCG5

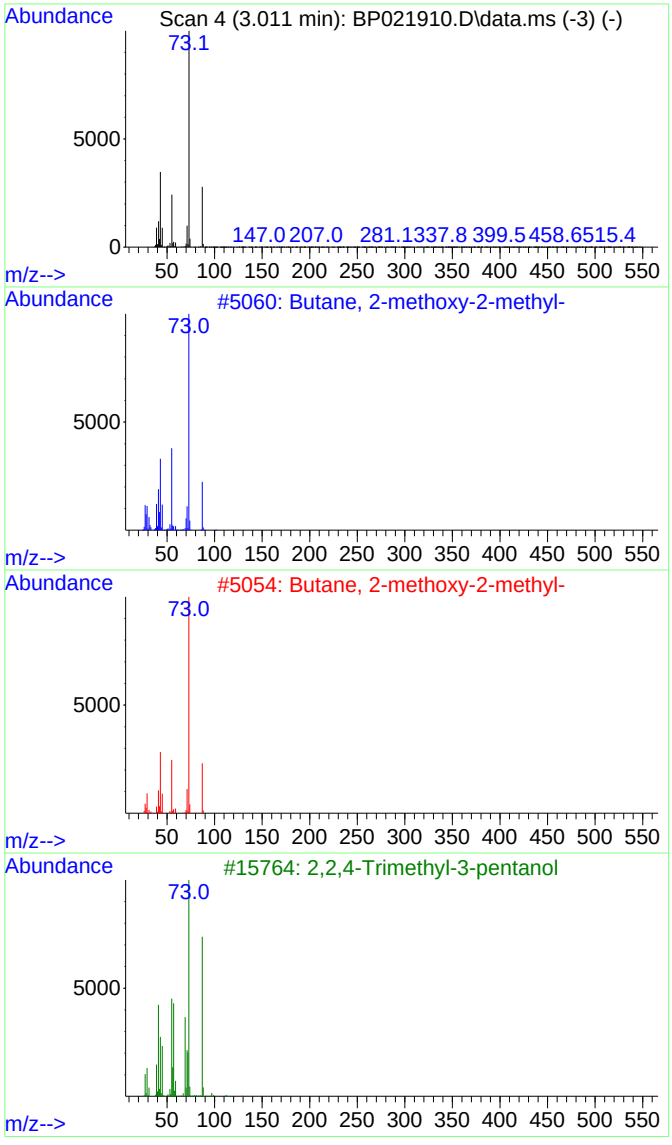
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

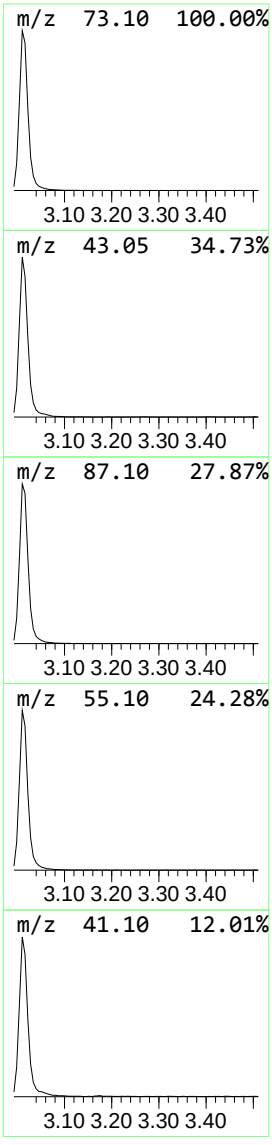
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.011	72.03 ng/ul	2178970	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCG5

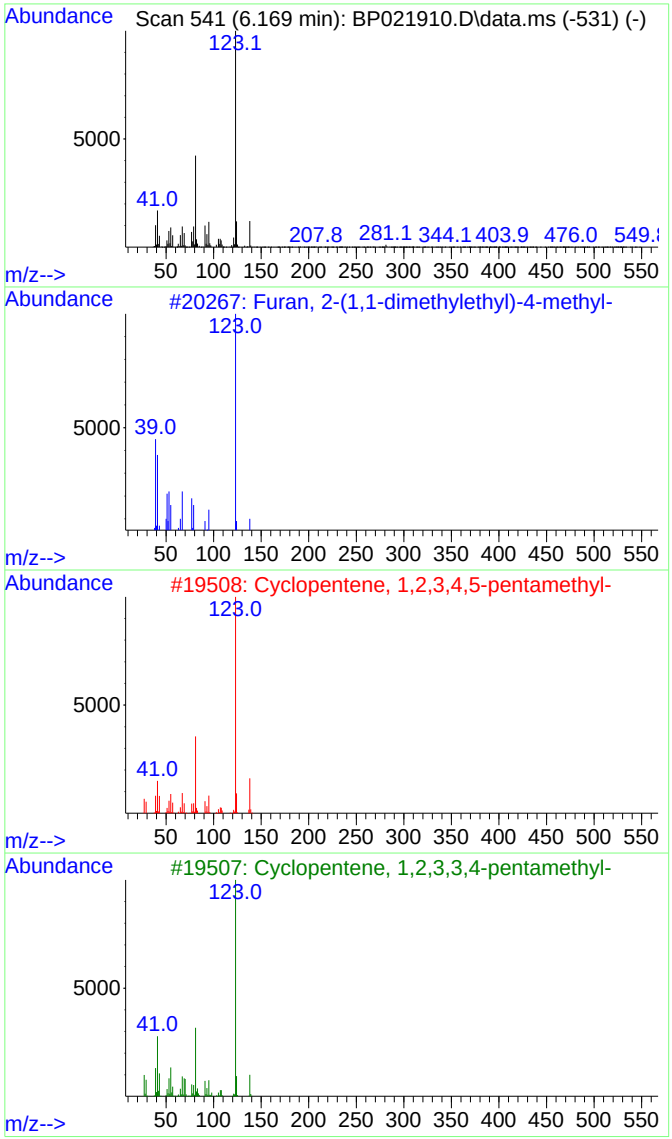
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

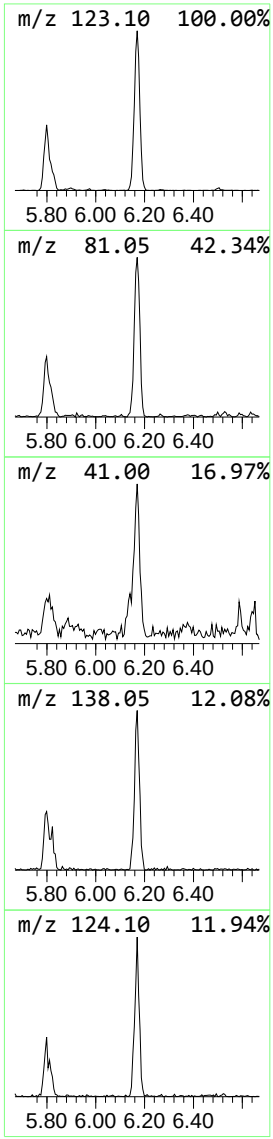
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, 2-(1,1-dimethylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.169	2.82 ng/ul	85402	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-(1,1-dimethylethyl)-4-m...	138	C9H14O	006141-68-0	83
2	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	80
3	Cyclopentene, 1,2,3,3,4-pentamet...	138	C10H18	197390-29-7	74
4	trans-2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	115754-87-5	72
5	2-Cyclopentene-1-carboxylic acid...	196	C12H20O2	1000195-65-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCG5

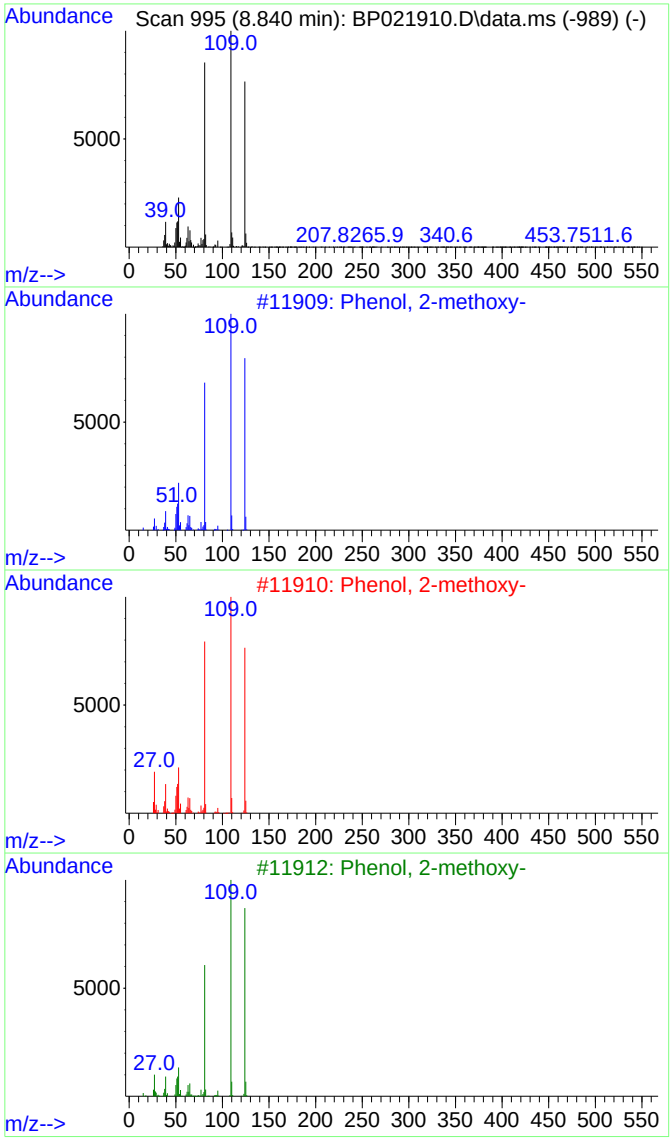
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

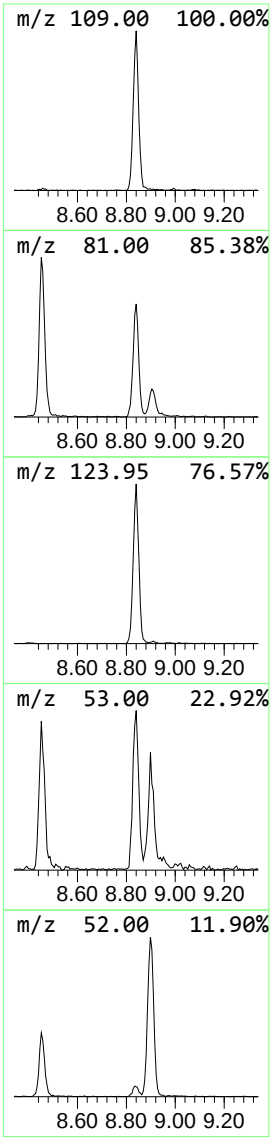
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.840	3.21 ng/ul	96972	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
Sample : P3900-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCG5

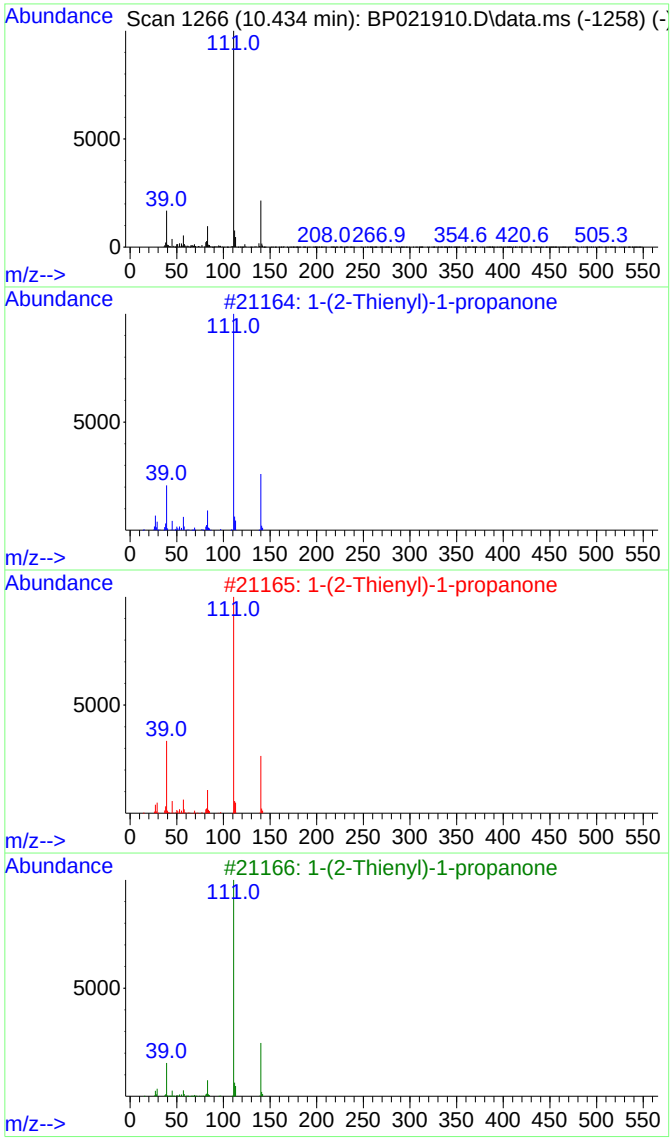
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

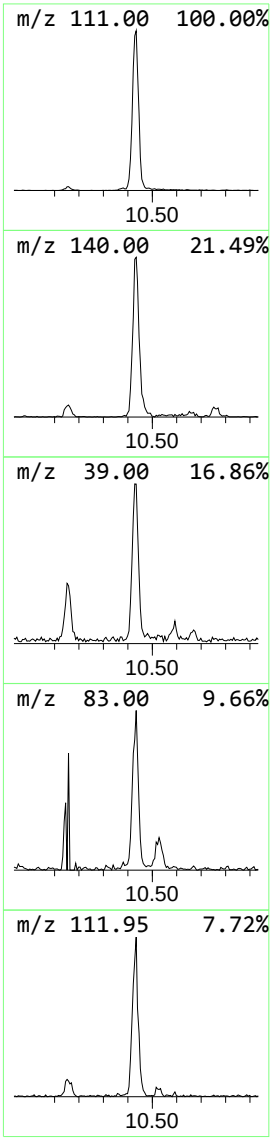
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-(2-Thienyl)-1-propanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	3.32 ng/ul	140674	Naphthalene-d8	10.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	91
2	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	91
3	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	86
4	Furoxan, 3,4-bis(2-thienylcarbon...	306	C12H6N2O4S2	007733-96-2	64
5	2,2'-Thenil	222	C10H6O2S2	007333-07-5	64





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Operator : RC/JU
Sample : P3900-03
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DDCG5

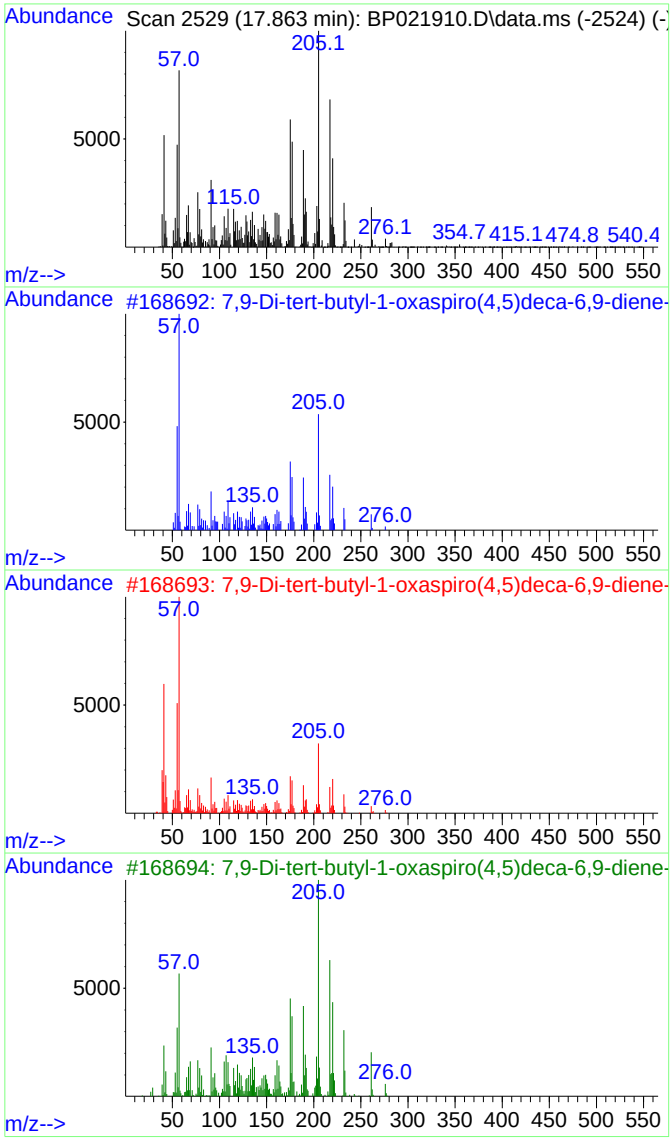
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

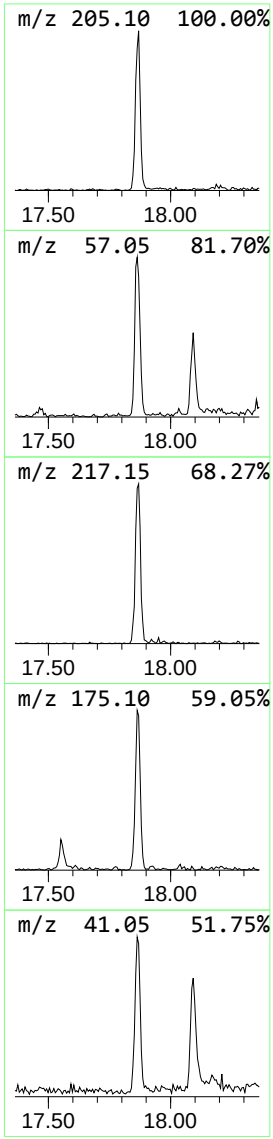
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	2.12 ng/ul	172935	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021910.D
Acq On : 13 Sep 2024 15:49
Operator : RC/JU
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Misc :
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Instrument :
BNA_P
ClientSampleId :
DDCG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.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
Butane, 2-metho...	3.011	72.0	ng/ul	2178970	1	7.763	605018	20.0
Furan, 2-(1,1-d...	6.169	2.8	ng/ul	85402	1	7.763	605018	20.0
Phenol, 2-methoxy-	8.840	3.2	ng/ul	96972	1	7.763	605018	20.0
1-(2-Thienyl)-1...	10.434	3.3	ng/ul	140674	2	10.528	847087	20.0
7,9-Di-tert-but...	17.863	2.1	ng/ul	172935	4	17.163	1634820	20.0