LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

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-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020095.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	22	25	31	rVB	31483	42393	0.83%	0.094%
2	3.640	90	94	115	rVB	155162	289401	5.64%	0.644%
3	3.928	141	143	147	rVB3	6264	6843	0.13%	0.015%
4	5.240	362	366	370	rVB	7966	12654	0.25%	0.028%
5	5.746	445	452	456	rBV2	14629	26105	0.51%	0.058%
6	6.681	607	611	617	rBV6	6947	13434	0.26%	0.030%
7	6.751	618	623	630	rVV8	4956	11132	0.22%	0.025%
8	6.828	630	636	647	rVV	129802	255172	4.98%	0.568%
9	6.934	649	654	657	rVV5	4103	6715	0.13%	0.015%
10	6.993	657	664	679	rVV	581892	935324	18.24%	2.082%
11	7.181	688	696	713	rBV	525543	930607	18.15%	2.072%
12	7.640	766	774	780	rBV	430767	748082	14.59%	1.666%
13	7.698	780	784	802	rVB	107092	221315	4.32%	0.493%
14	7.904	814	819	821	rBV5	6887	10253	0.20%	0.023%
15	7.928	821	823	828	rVV4	7008	12675	0.25%	0.028%
16	8.263	873	880	888	rBV2	22330	45136	0.88%	0.100%
17	8.346	888	894	907	rVV	390002	708779	13.82%	1.578%
18	8.469	910	915	921	rVB	12315	22433	0.44%	0.050%
19	8.728	950	959	965	rBV	229961	400618	7.81%	0.892%
20	8.798	965	971	979	rVV	693798	1206613	23.53%	2.686%
21	8.910	987	990	994	rVB5	5419	6605	0.13%	0.015%
22	8.957	994	998	1002	rVB7	4523	7625	0.15%	0.017%
23	9.151	1024	1031	1035	rBV	12991	20610	0.40%	0.046%
24	9.193	1035	1038	1044	rVB5	4223	7646	0.15%	0.017%
25	9.510	1083	1092	1107	rBV	596890	1079999	21.06%	2.405%
26	9.675	1114	1120	1126	rBV2	13125	30012	0.59%	0.067%
27	9.757	1128	1134	1140	rBV10	6132	13520	0.26%	0.030%
28	9.910	1156	1160	1169	rVB	26323	51534	1.00%	0.115%
29	10.045	1175	1183	1202	rBV	744127	1420285	27.70%	3.162%
30	10.192	1204	1208	1214	rVV8	5709	10929	0.21%	0.024%
31	10.257	1214	1219	1226	rVB9	5732	11639	0.23%	0.026%
32	10.328	1226	1231	1239	rBV4	52588	102719	2.00%	0.229%
33	10.416	1239	1246	1252	rVV	572694	1016848	19.83%	2.264%
34	10.475	1252	1256	1262	rVB2	30479	49780	0.97%	0.111%
35	10.569	1264	1272	1293	rBV	683231	1364263	26.60%	3.037%
36	10.957	1333	1338	1344	rBV5	9186	19620	0.38%	0.044%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

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-BP041924.MA.M
Title : SVOA CALIBRATION

37	11.022	1344	1349	1354	rVV2	5604	10894	0.21%	0.024%
38	11.092	1354	1361	1369	rVB2	12575	28536	0.56%	0.064%
39	11.222	1374	1383	1389	rBV10	11626	30574	0.60%	0.068%
40	11.422	1412	1417	1424	rBV8	8166	18295	0.36%	0.041%
41	11.598	1441	1447	1452	rBV4	12751	27381	0.53%	0.061%
42	11.651	1452	1456	1462	rVV6	12864	29041	0.57%	0.065%
43	11.739	1465	1471	1484	rVB2	41336	100645	1.96%	0.224%
44	12.022	1511	1519	1529	rBV2	16326	36769	0.72%	0.082%
45	12.357	1570	1576	1581	rBV8	4202	8332	0.16%	0.019%
46	12.498	1596	1600	1606	rBV9	5431	8821	0.17%	0.020%
47	12.575	1609	1613	1617	rBV6	6358	11532	0.22%	0.026%
48	12.639	1618	1624	1633	rVB8	9679	24343	0.47%	0.054%
49	12.763	1638	1645	1655	rBV	15098	36537	0.71%	0.081%
50	12.892	1661	1667	1672	rVB3	13288	21910	0.43%	0.049%
51	13.081	1691	1699	1706	rBV	37690	78572	1.53%	0.175%
52	13.145	1706	1710	1713	rVV2	13756	22561	0.44%	0.050%
53	13.186	1713	1717	1720	rVV2	19735	31838	0.62%	0.071%
54	13.233	1720	1725	1746	rVB	302390	571895	11.15%	1.273%
55	13.728	1797	1809	1823	rBV	1583570	2371561	46.25%	5.280%
56	14.004	1848	1856	1866	rBV	1806535	2755408	53.73%	6.135%
57	14.086	1866	1870	1879	rVV3	23654	53279	1.04%	0.119%
58	14.198	1881	1889	1902	rVV	68080	159384	3.11%	0.355%
59	14.316	1902	1909	1919	rVV	920227	1428070	27.85%	3.179%
60	14.404	1921	1924	1930	rVB7	6968	9774	0.19%	0.022%
61	14.598	1950	1957	1972	rBV4	59585	214195	4.18%	0.477%
62	14.763	1980	1985	1989	rBV7	9094	13765	0.27%	0.031%
63	14.928	2009	2013	2021	rVB9	6564	13967	0.27%	0.031%
64	15.022	2025	2029	2036	rVV3	20087	36079	0.70%	0.080%
65	15.169	2048	2054	2065	rVB6	21946	58404	1.14%	0.130%
66	15.339	2076	2083	2092	rBV	2305041	3548380	69.19%	7.900%
67	15.445	2095	2101	2104	rVV	65924	97979	1.91%	0.218%
68	15.492	2104	2109	2120	rVV	307468	501719	9.78%	1.117%
69	15.586	2120	2125	2136	rVB6	17202	36748	0.72%	0.082%
70	15.733	2145	2150	2161	rBV3	27715	61456	1.20%	0.137%
71	15.939	2178	2185	2189	rBV10	6647	13655	0.27%	0.030%
72	16.092	2207	2211	2214	rBV2	10808	13925	0.27%	0.031%
73	16.145	2217	2220	2226	rVB5	12203	21438	0.42%	0.048%
74	16.222	2226	2233	2237	rBV10	5939	11674	0.23%	0.026%
75	16.557	2286	2290	2295	rBV8	7920	12424	0.24%	0.028%
76	16.622	2296	2301	2309	rVB8	10993	20380	0.40%	0.045%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

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-BP041924.MA.M
Title : SVOA CALIBRATION

77	16.816	2329	2334	2339	rBV9	6096	9960	0.19%	0.022%
78	16.916	2346	2351	2357	rBV3	25882	40833	0.80%	0.091%
79	16.963	2357	2359	2367	rVB8	7151	9889	0.19%	0.022%
80	17.033	2367	2371	2374	rBV6	7571	10702	0.21%	0.024%
81	17.151	2384	2391	2402	rBV	1227410	1802903	35.16%	4.014%
82	17.257	2402	2409	2424	rBV2	2587967	4226525	82.42%	9.410%
83	17.474	2441	2446	2452	rBV	17783	32643	0.64%	0.073%
84	17.686	2474	2482	2489	rBV4	30474	60938	1.19%	0.136%
85	17.863	2505	2512	2519	rBV	500538	663267	12.93%	1.477%
86	18.039	2539	2542	2548	rVB7	11405	18229	0.36%	0.041%
87	18.116	2550	2555	2560	rBV2	86870	144275	2.81%	0.321%
88	18.186	2564	2567	2576	rVB	18668	40069	0.78%	0.089%
89	18.321	2585	2590	2596	rBV	77292	109981	2.14%	0.245%
90	18.416	2602	2606	2610	rBV2	31279	47894	0.93%	0.107%
91	18.457	2610	2613	2622	rVB9	15492	30606	0.60%	0.068%
92	18.621	2639	2641	2645	rBV4	7235	8325	0.16%	0.019%
93	19.086	2716	2720	2726	rVB	31330	40373	0.79%	0.090%
94	19.204	2735	2740	2746	rVB3	35652	56874	1.11%	0.127%
95	19.280	2749	2753	2758	rVV	30682	46164	0.90%	0.103%
96	19.457	2779	2783	2793	rBV2	61150	106223	2.07%	0.236%
97	19.663	2811	2818	2827	rBV	3805579	5128149	100.00%	11.417%
98	21.657	3151	3157	3165	rBV2	1125800	1865571	36.38%	4.154%
99	24.821	3684	3695	3710	rVB2	1504314	4750604	92.64%	10.577%
100	25.051	3726	3734	3753	rVB	733169	1992601	38.86%	4.436%

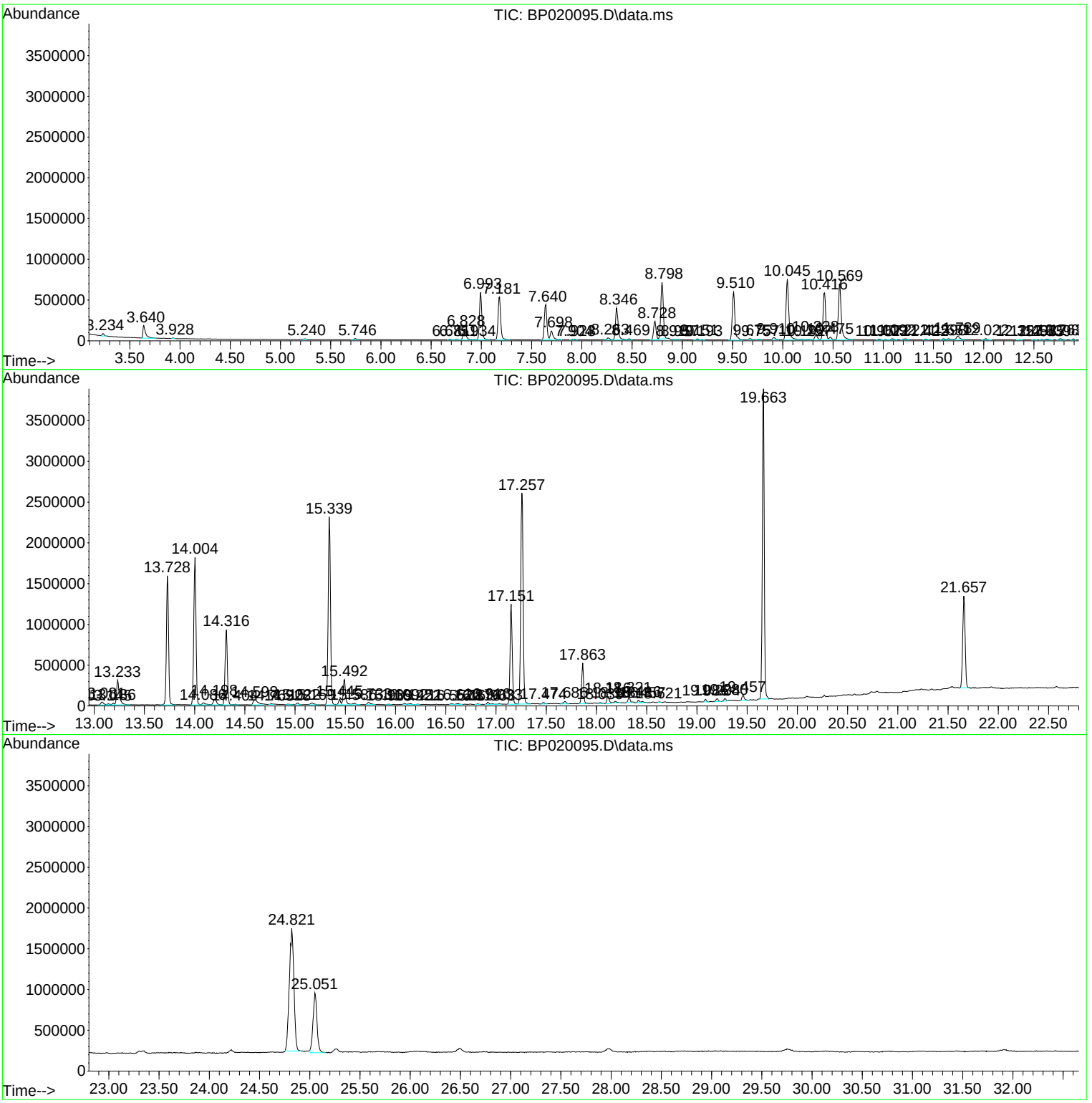
Sum of corrected areas: 44915056

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

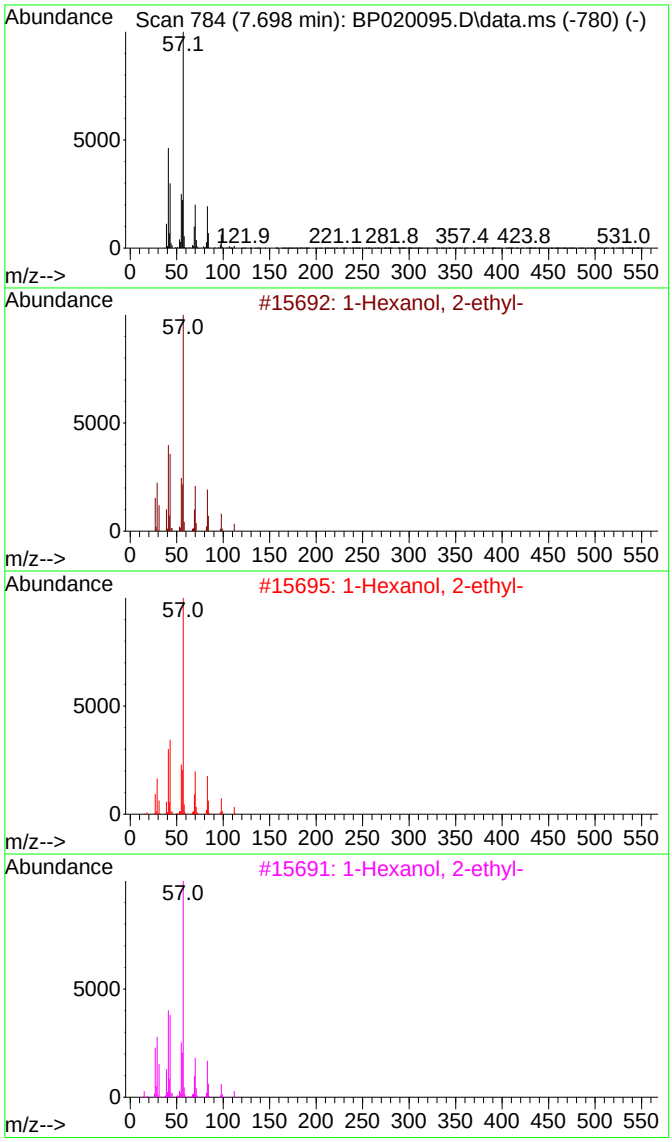
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

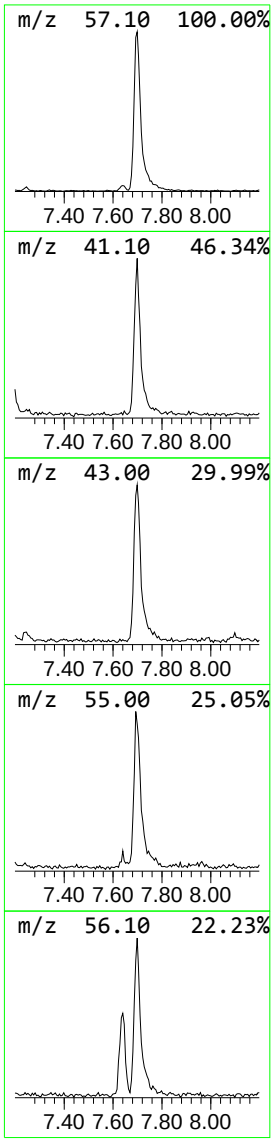
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	5.92 ng/ul	221315	1,4-Dichlorobenzene-d4	7.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

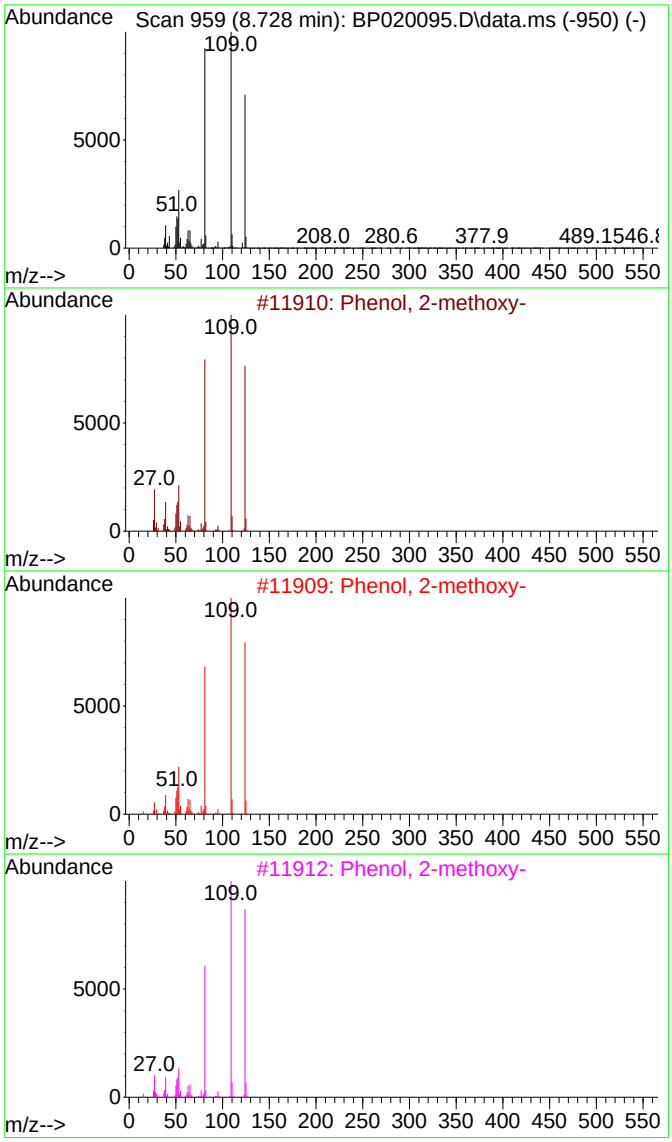
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

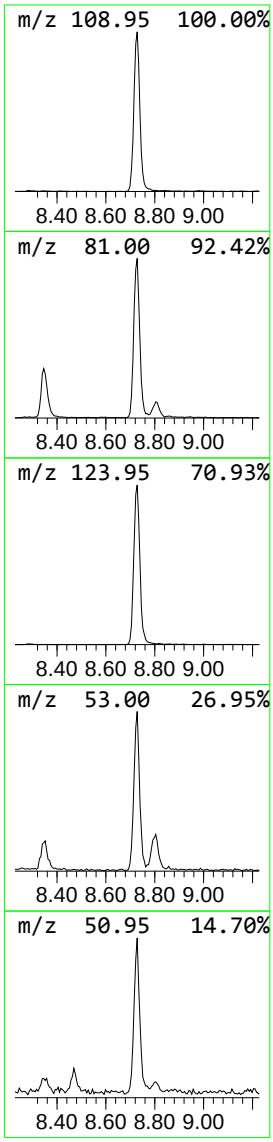
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	10.71 ng/ul	400618	1,4-Dichlorobenzene-d4	7.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

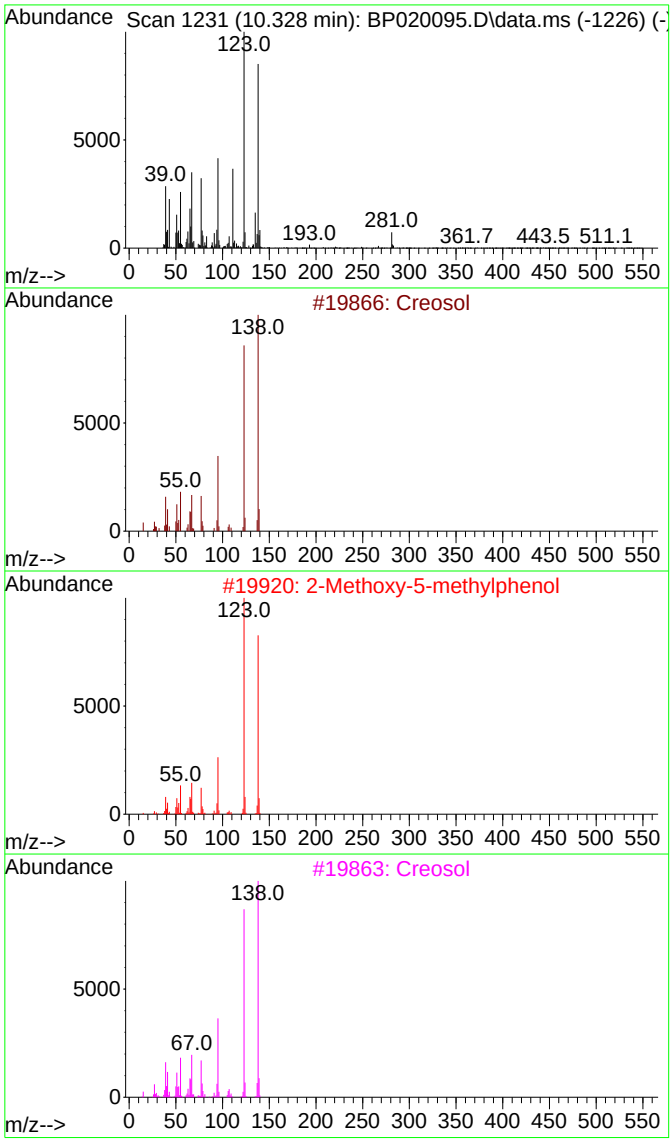
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

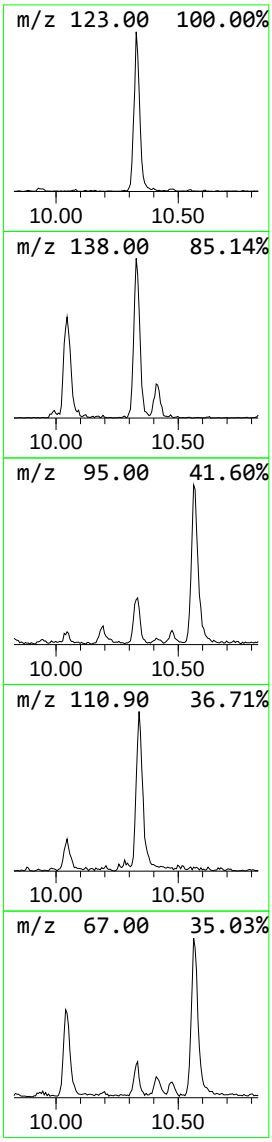
****

Peak Number 3 Creosol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	2.02 ng/ul	102719	Naphthalene-d8	10.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Creosol	138	C8H10O2	000093-51-6	81
2	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	81
3	Creosol	138	C8H10O2	000093-51-6	81
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	81
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

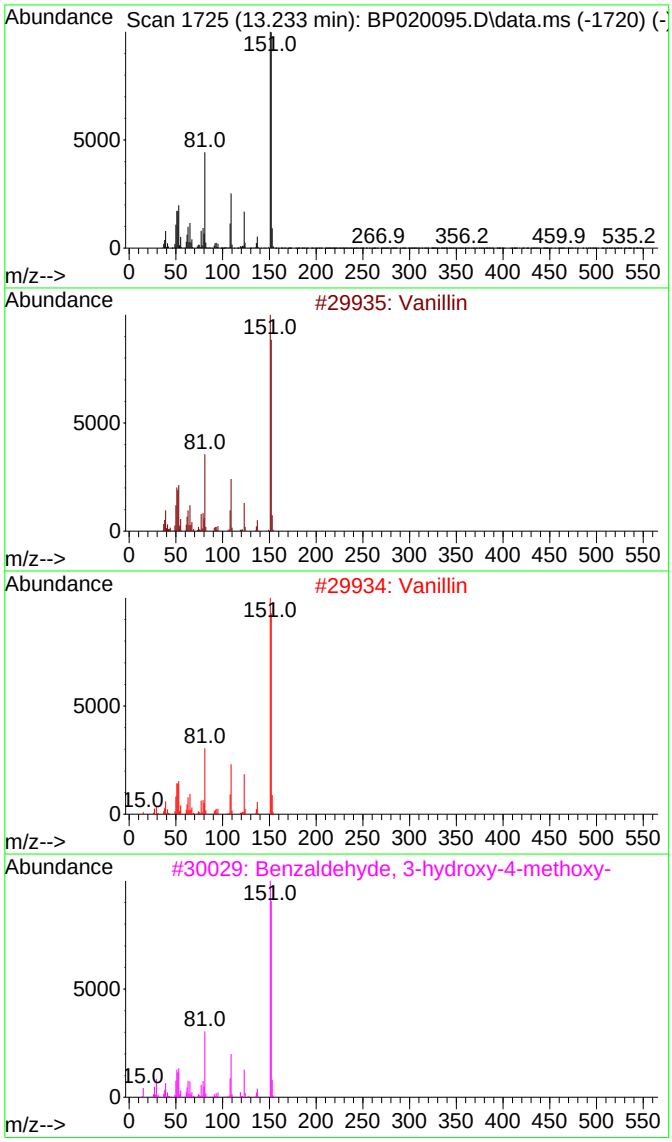
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

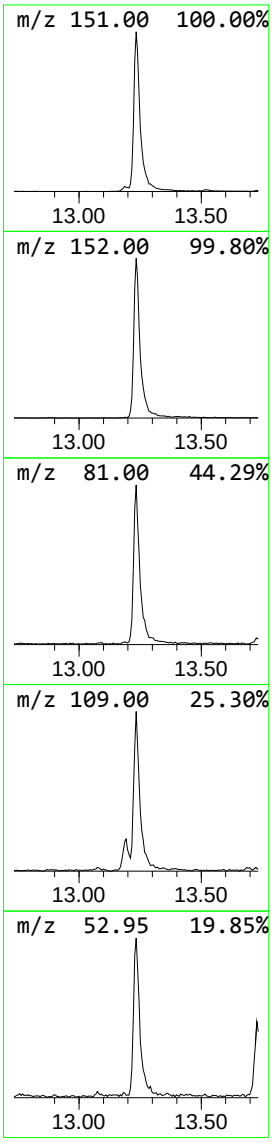
****

Peak Number 4 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	8.01 ng/ul	571895	Acenaphthene-d10	14.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
4	Vanillin	152	C8H8O3	000121-33-5	96
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

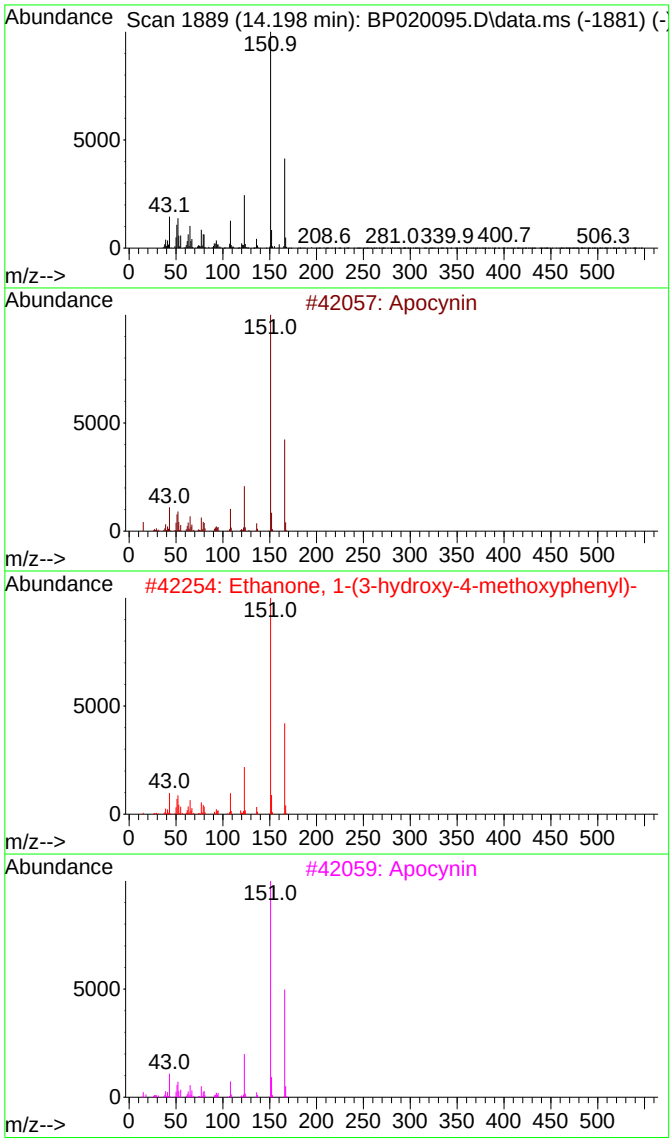
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

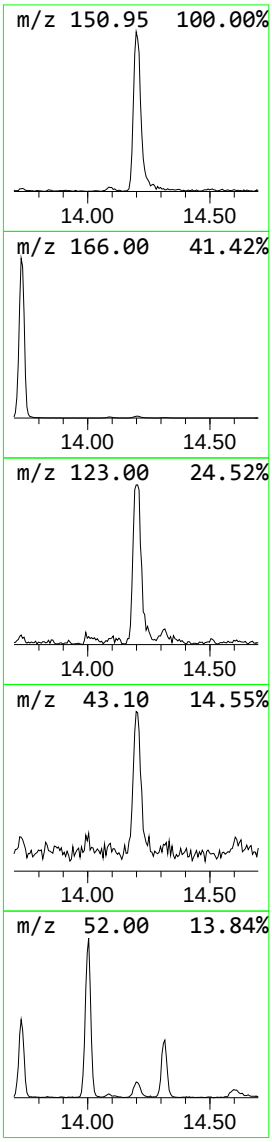
****

Peak Number 5 Apocynin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	2.23 ng/ul	159384	Acenaphthene-d10	14.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Apocynin	166	C9H10O3	000498-02-2	96
2	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	95
3	Apocynin	166	C9H10O3	000498-02-2	93
4	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	91
5	Apocynin	166	C9H10O3	000498-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

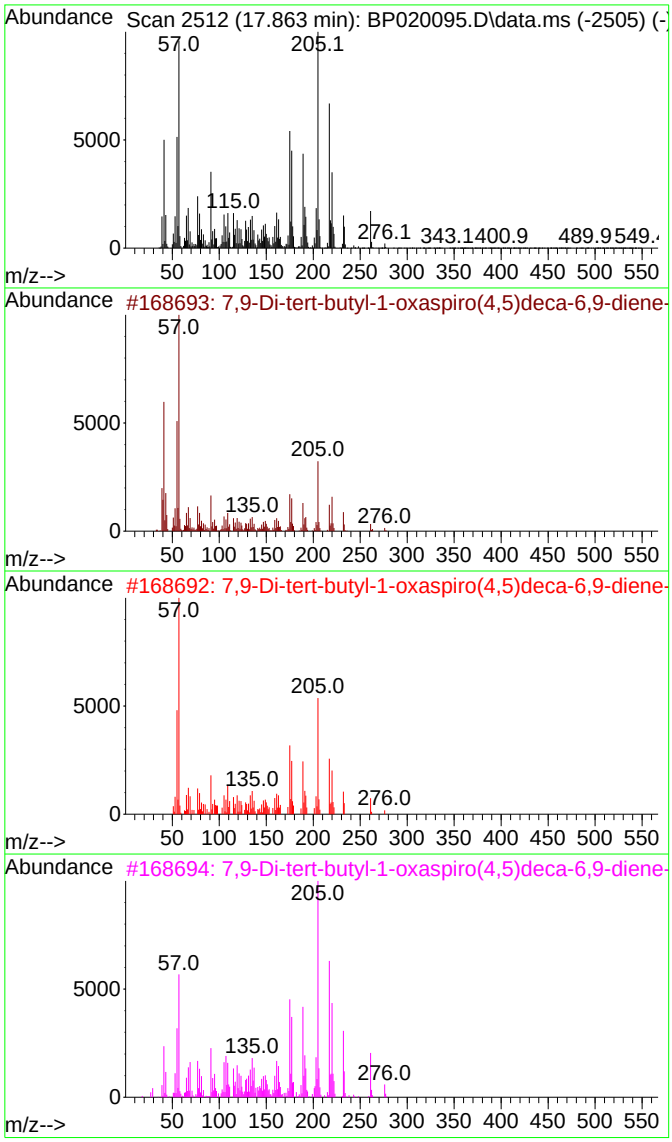
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

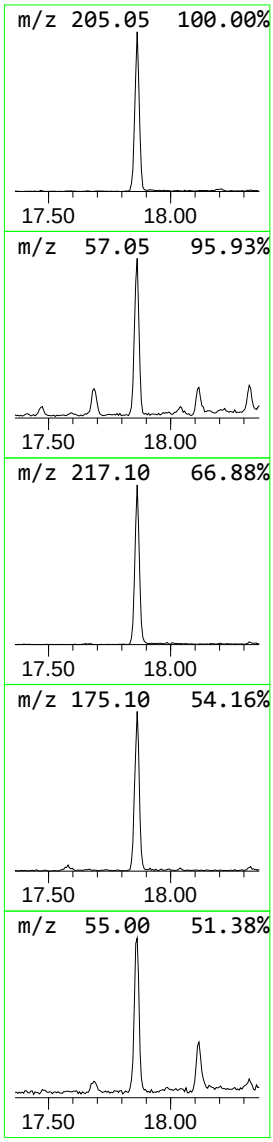
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	7.36 ng/ul	663267	Phenanthrene-d10	17.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	92
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020095.D
Acq On : 23 Apr 2024 05:03
Operator : MA/JU
Sample : P2161-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0R89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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
1-Hexanol, 2-et...	7.698	5.9	ng/ul	221315	1	7.640	748082	20.0
Phenol, 2-methoxy-	8.728	10.7	ng/ul	400618	1	7.640	748082	20.0
Creosol	10.328	2.0	ng/ul	102719	2	10.416	1016850	20.0
Vanillin	13.233	8.0	ng/ul	571895	3	14.316	1428070	20.0
Apocynin	14.198	2.2	ng/ul	159384	3	14.316	1428070	20.0
7,9-Di-tert-but...	17.863	7.4	ng/ul	663267	4	17.151	1802900	20.0