LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039464.D
Acq On : 18 Apr 2023 19:03
Operator : CG/JU
Sample : 02336-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039464.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	3	5	10	rVB	50124	58505	0.83%	0.093%
2	3.652	76	79	96	rBV	127693	231169	3.26%	0.366%
3	3.969	130	133	138	rVB	13251	17885	0.25%	0.028%
4	5.357	365	369	374	rVB	9583	12914	0.18%	0.020%
5	5.869	450	456	463	rBV6	7912	16574	0.23%	0.026%
6	6.487	555	561	566	rBV9	4168	9552	0.13%	0.015%
7	6.945	629	639	643	rBV4	15108	34846	0.49%	0.055%
8	7.028	647	653	665	rVV	110020	242248	3.42%	0.384%
9	7.169	670	677	699	rVB	705551	1252649	17.67%	1.984%
10	7.369	704	711	722	rBV	632891	1114781	15.72%	1.766%
11	7.834	783	790	797	rBV	661936	1130176	15.94%	1.790%
12	7.898	797	801	810	rVB	66811	132406	1.87%	0.210%
13	8.139	833	842	846	rVB10	6291	15685	0.22%	0.025%
14	8.469	892	898	907	rBV4	10286	30620	0.43%	0.049%
15	8.569	908	915	928	rVV	450586	890929	12.57%	1.411%
16	8.669	928	932	943	rVB	25660	56755	0.80%	0.090%
17	8.939	972	978	983	rBV	183494	312283	4.40%	0.495%
18	9.004	983	989	996	rVV	852460	1412138	19.92%	2.237%
19	9.157	1009	1015	1026	rVB6	28466	71403	1.01%	0.113%
20	9.392	1051	1055	1061	rBV	37732	58870	0.83%	0.093%
21	9.728	1103	1112	1129	rBV	688032	1281466	18.08%	2.030%
22	10.033	1163	1164	1172	rVB8	4580	9448	0.13%	0.015%
23	10.275	1197	1205	1227	rBV	837737	1727483	24.37%	2.736%
24	10.563	1247	1254	1260	rBV	71437	144812	2.04%	0.229%
25	10.639	1260	1267	1274	rVV	1055727	1822164	25.70%	2.886%
26	10.698	1274	1277	1285	rVB2	48944	83903	1.18%	0.133%
27	10.804	1289	1295	1312	rBV	65244	173208	2.44%	0.274%
28	11.322	1378	1383	1392	rVB3	8190	18802	0.27%	0.030%
29	11.469	1403	1408	1418	rBV8	21663	62402	0.88%	0.099%
30	11.822	1464	1468	1475	rBV2	20662	41287	0.58%	0.065%
31	11.892	1475	1480	1486	rVB	48078	71309	1.01%	0.113%
32	11.963	1486	1492	1507	rBV	132553	323644	4.57%	0.513%
33	12.239	1534	1539	1550	rVB4	18523	42403	0.60%	0.067%
34	12.786	1627	1632	1635	rBV7	3673	7553	0.11%	0.012%
35	12.845	1638	1642	1644	rVV4	7266	11172	0.16%	0.018%
36	13.092	1680	1684	1689	rVB4	10567	15929	0.22%	0.025%

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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Title : SVOA CALIBRATION

37	13.339	1722	1726	1731	rBV5	4291	8574	0.12%	0.014%
38	13.422	1734	1740	1760	rVV	641553	1204723	16.99%	1.908%
39	13.563	1760	1764	1784	rVB3	33254	100711	1.42%	0.160%
40	13.904	1815	1822	1836	rBV	2626551	3668522	51.75%	5.811%
41	14.180	1862	1869	1880	rBV	2598753	3975600	56.08%	6.297%
42	14.292	1885	1888	1897	rVV	14144	32297	0.46%	0.051%
43	14.374	1897	1902	1908	rVB	15497	32400	0.46%	0.051%
44	14.486	1914	1921	1931	rBV	1772238	2700753	38.10%	4.278%
45	14.568	1931	1935	1942	rVB	41702	64399	0.91%	0.102%
46	14.763	1961	1968	1980	rBV3	35673	150752	2.13%	0.239%
47	15.168	2031	2037	2045	rVB2	57817	111380	1.57%	0.176%
48	15.286	2053	2057	2058	rBV	6547	8840	0.12%	0.014%
49	15.310	2058	2061	2068	rVB4	19356	34859	0.49%	0.055%
50	15.486	2080	2091	2107	rBV	3548982	5279246	74.47%	8.362%
51	15.615	2107	2113	2127	rVV	1253803	1839077	25.94%	2.913%
52	15.721	2128	2131	2137	rVB4	22208	38485	0.54%	0.061%
53	15.857	2149	2154	2166	rVB	43500	78916	1.11%	0.125%
54	15.957	2167	2171	2175	rVB7	5862	10499	0.15%	0.017%
55	16.057	2184	2188	2193	rVB8	18191	27409	0.39%	0.043%
56	16.110	2193	2197	2198	rBV4	6113	7875	0.11%	0.012%
57	16.139	2200	2202	2206	rVB5	6898	7889	0.11%	0.012%
58	16.221	2206	2216	2219	rBV3	14741	33882	0.48%	0.054%
59	16.262	2219	2223	2230	rVB2	11336	21675	0.31%	0.034%
60	16.833	2316	2320	2325	rBV4	13730	18947	0.27%	0.030%
61	17.004	2344	2349	2351	rBV6	11074	18513	0.26%	0.029%
62	17.039	2352	2355	2360	rVB2	16666	26308	0.37%	0.042%
63	17.239	2383	2389	2400	rBV	2172446	3176957	44.81%	5.032%
64	17.339	2400	2406	2430	rVV	4056628	6091628	85.93%	9.649%
65	17.527	2434	2438	2444	rVB	20664	33062	0.47%	0.052%
66	17.909	2498	2503	2513	rBV	1027884	1295080	18.27%	2.051%
67	18.080	2529	2532	2537	rVB2	19028	25531	0.36%	0.040%
68	18.139	2538	2542	2551	rBV2	87956	187254	2.64%	0.297%
69	18.209	2551	2554	2559	rVV	21166	31608	0.45%	0.050%
70	18.362	2576	2580	2582	rBV4	12450	19018	0.27%	0.030%
71	18.392	2582	2585	2589	rVB2	25244	30808	0.43%	0.049%
72	18.721	2639	2641	2646	rVB5	14673	16800	0.24%	0.027%
73	19.203	2718	2723	2731	rBV2	56159	97454	1.37%	0.154%
74	19.274	2731	2735	2741	rBV	50501	88235	1.24%	0.140%
75	19.421	2756	2760	2771	rBV3	91364	210511	2.97%	0.333%
76	19.639	2791	2797	2815	rBV	4998060	7089425	100.00%	11.229%

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	21.433	3097	3102	3118	rBV	2202852	3276115	46.21%	5.189%
78	22.527	3285	3288	3296	rVB2	154363	233787	3.30%	0.370%
79	23.656	3472	3480	3494	rBV2	2817731	5951374	83.95%	9.427%
80	23.803	3499	3505	3519	rVB2	1329667	2837135	40.02%	4.494%

Sum of corrected areas: 63133686

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Operator : CG/JU
Sample : 02336-01
Misc :
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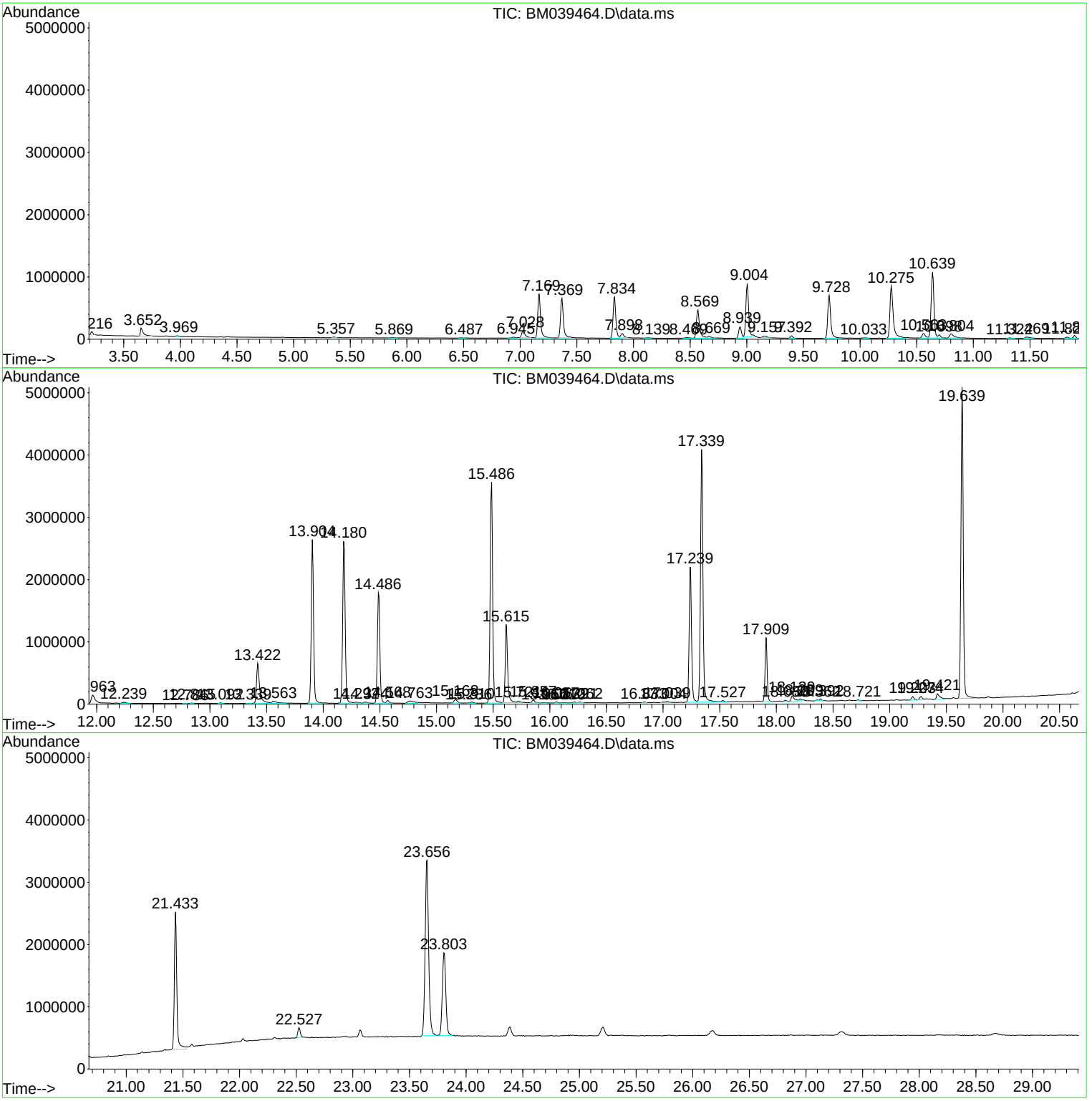
Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.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\BM041823\
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Sample : 02336-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
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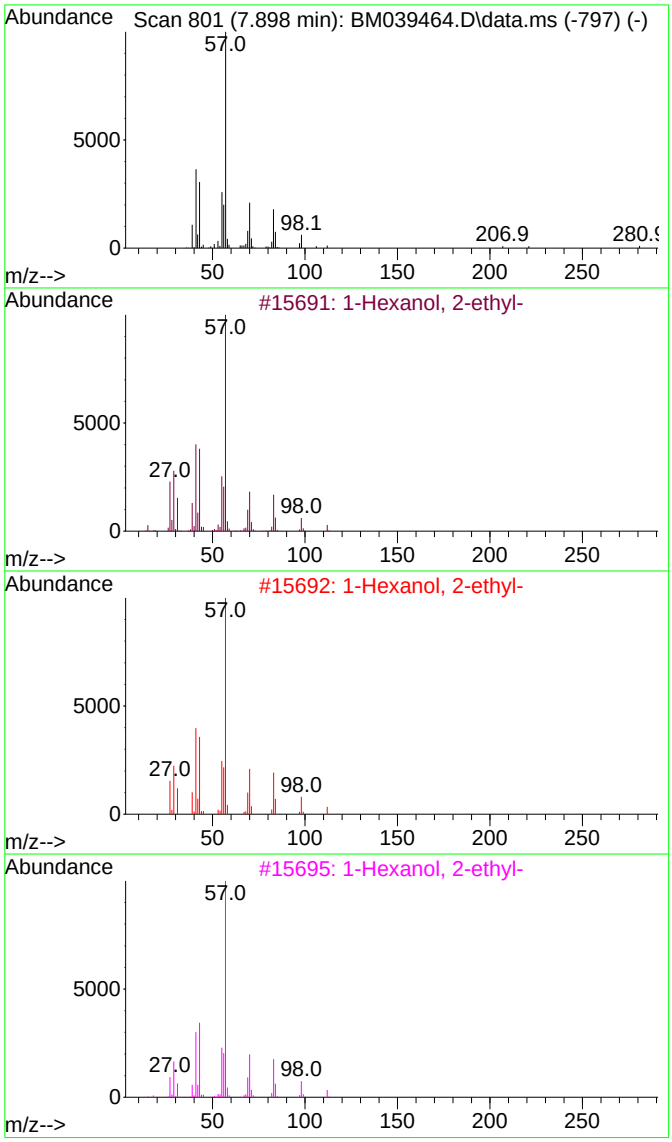
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

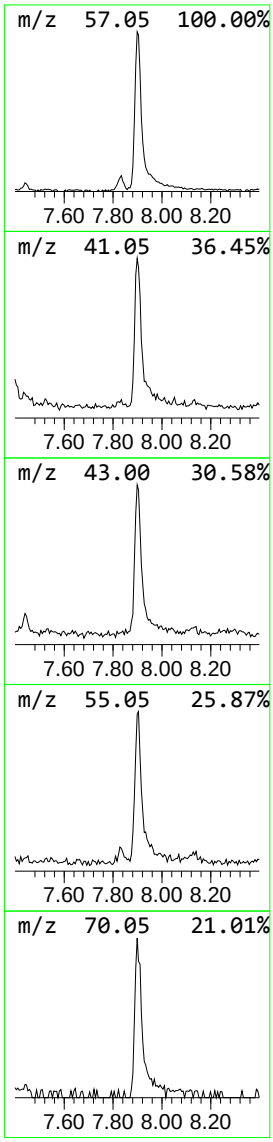
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.898	2.34 ng/ul	132406	1,4-Dichlorobenzene-d4	7.834

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	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





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Data File : BM039464.D
Acq On : 18 Apr 2023 19:03
Operator : CG/JU
Sample : 02336-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

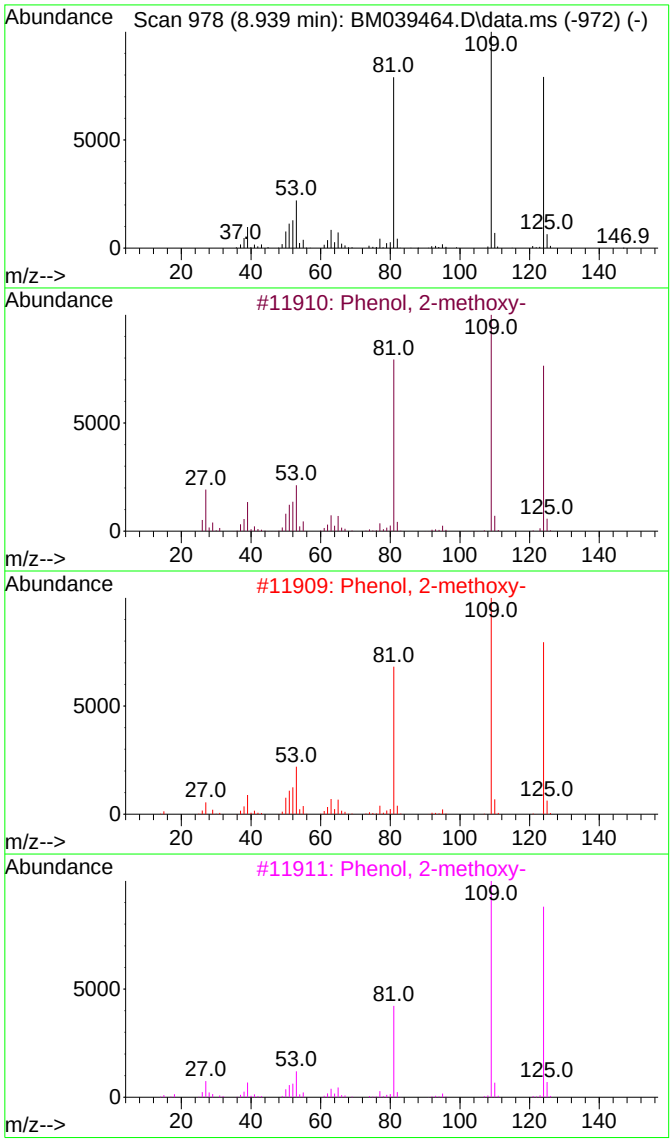
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

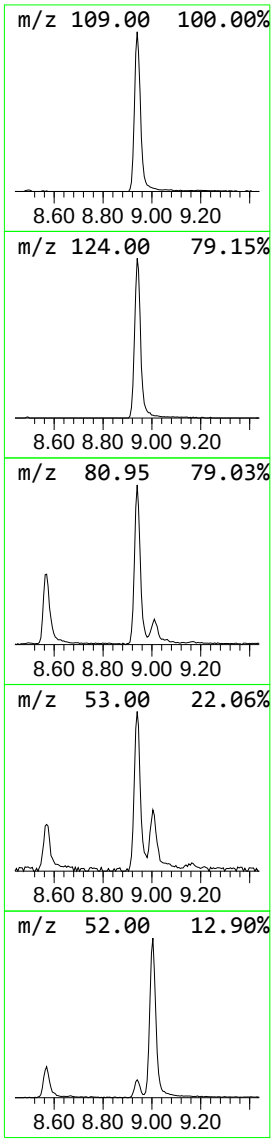
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.939	5.53 ng/ul	312283	1,4-Dichlorobenzene-d4	7.834

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	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039464.D
Acq On : 18 Apr 2023 19:03
Operator : CG/JU
Sample : 02336-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

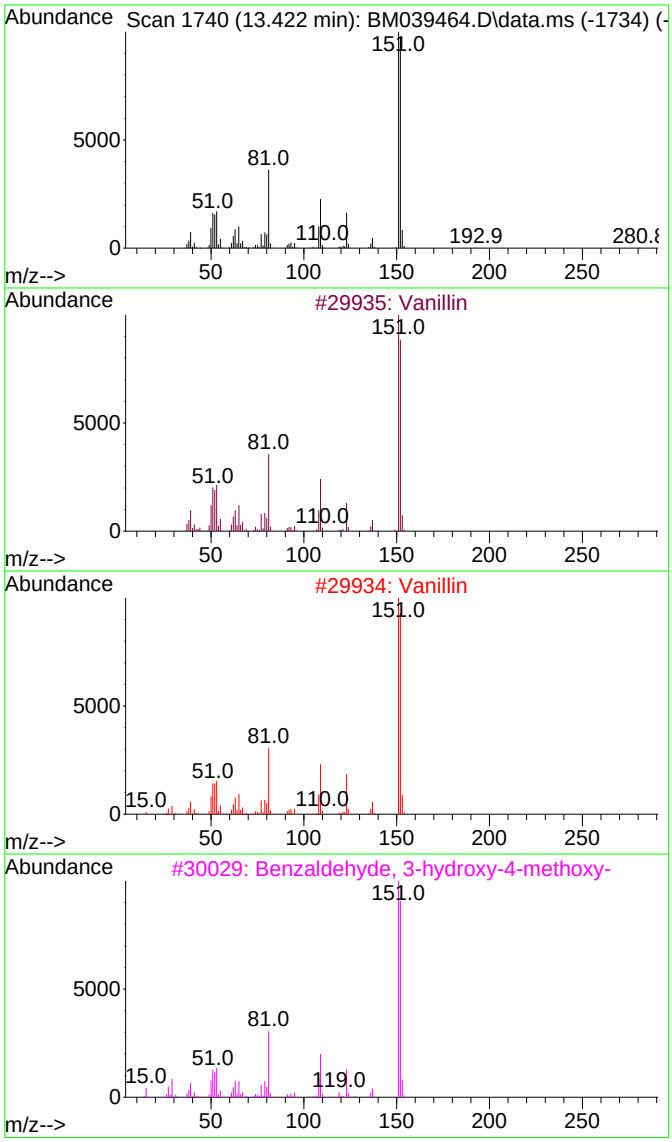
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

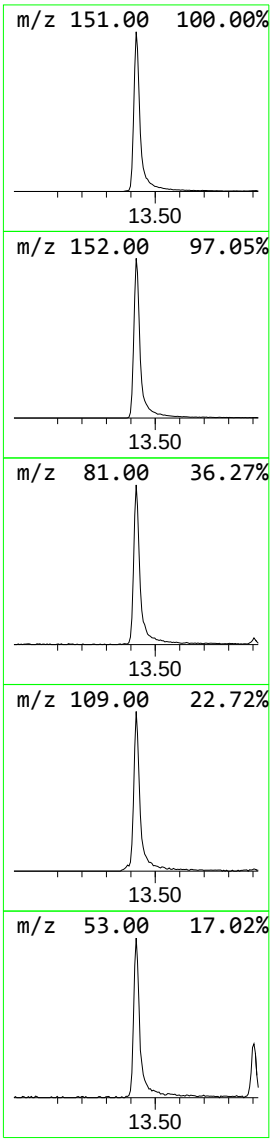
****

Peak Number 3 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	8.92 ng/ul	1204720	Acenaphthene-d10	14.486

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	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96





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BNA_M
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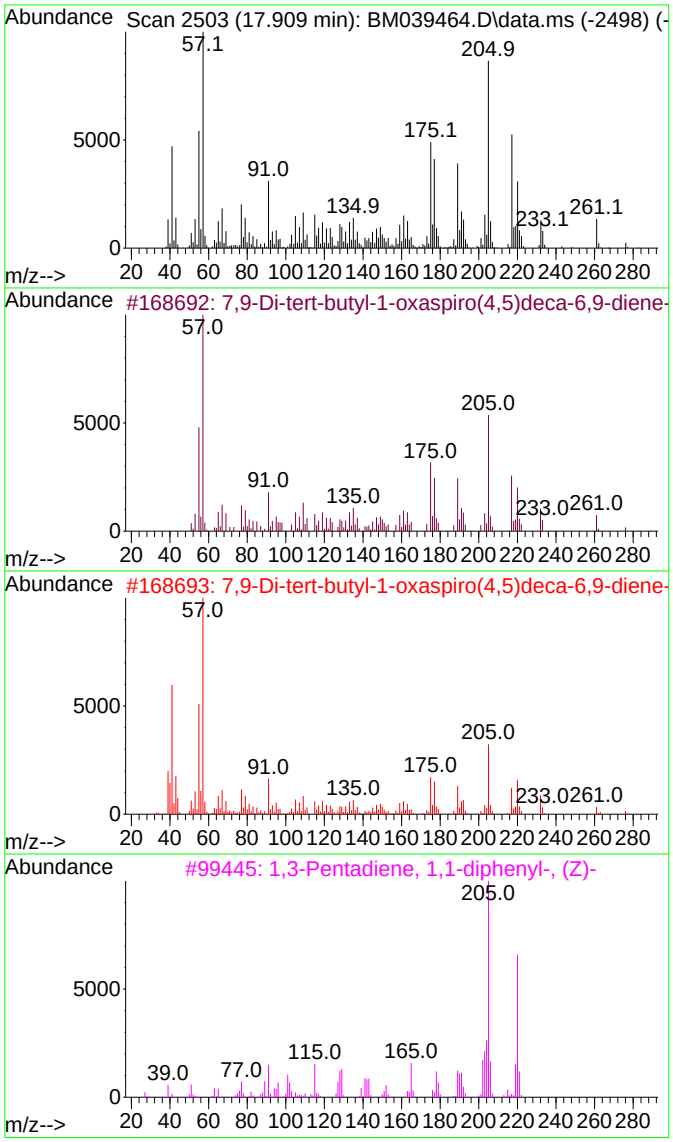
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

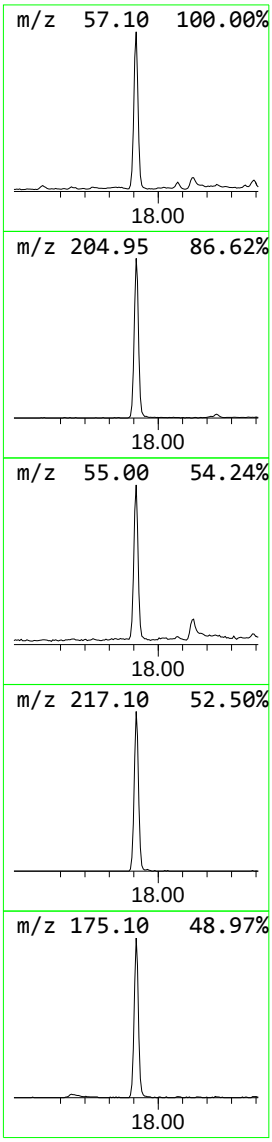
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	8.15 ng/ul	1295080	Phenanthrene-d10	17.239

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	55
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50
4	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	46





Tentatively Identified Compound (LSC) summary

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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...	7.898	2.3	ng/ul	132406	1	7.834	1130180	20.0
Phenol, 2-methoxy-	8.939	5.5	ng/ul	312283	1	7.834	1130180	20.0
Vanillin	13.422	8.9	ng/ul	1204720	3	14.486	2700750	20.0
7,9-Di-tert-but...	17.910	8.2	ng/ul	1295080	4	17.239	3176960	20.0