LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

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\SOM-EPA-BM092420MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM027540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.063	9	13	22	rVB	163868	231798	5.84%	0.697%
2	3.310	51	55	60	rBV	15789	20663	0.52%	0.062%
3	5.152	363	368	374	rVB	57037	84601	2.13%	0.254%
4	6.969	670	677	686	rVB	111756	183688	4.63%	0.552%
5	7.140	700	706	713	rVV	268523	420054	10.58%	1.263%
6	7.204	713	717	722	rVB2	8866	11860	0.30%	0.036%
7	7.340	733	740	747	rBV	368210	568510	14.32%	1.709%
8	7.416	749	753	758	rVV3	4367	7617	0.19%	0.023%
9	7.810	813	820	830	rBV	375053	620738	15.64%	1.866%
10	8.016	851	855	859	rBV3	9317	13386	0.34%	0.040%
11	8.181	874	883	888	rVB3	21573	51968	1.31%	0.156%
12	8.504	932	938	949	rVB	331057	508368	12.81%	1.528%
13	8.910	1001	1007	1009	rBV5	9210	14772	0.37%	0.044%
14	8.957	1009	1015	1025	rVB	398022	640117	16.13%	1.924%
15	9.128	1038	1044	1053	rBV	30060	48939	1.23%	0.147%
16	9.428	1093	1095	1100	rVB3	7592	10080	0.25%	0.030%
17	9.598	1119	1124	1130	rBV5	5159	7697	0.19%	0.023%
18	9.675	1130	1137	1145	rBV	355482	572128	14.41%	1.720%
19	9.798	1153	1158	1161	rBV2	4993	8139	0.21%	0.024%
20	9.845	1162	1166	1170	rVV5	4880	9271	0.23%	0.028%
21	10.004	1189	1193	1200	rVB5	13779	22667	0.57%	0.068%
22	10.210	1221	1228	1237	rVB	677679	1089986	27.46%	3.276%
23	10.592	1285	1293	1300	rVV	515602	853074	21.49%	2.564%
24	10.657	1300	1304	1309	rVV6	12405	21854	0.55%	0.066%
25	10.722	1309	1315	1328	rVB3	30836	62279	1.57%	0.187%
26	11.057	1365	1372	1381	rVB6	6122	13553	0.34%	0.041%
27	11.175	1388	1392	1398	rVB6	13003	23355	0.59%	0.070%
28	11.498	1443	1447	1453	rVB5	4492	8083	0.20%	0.024%
29	11.698	1476	1481	1490	rVB5	5652	11507	0.29%	0.035%
30	11.933	1512	1521	1526	rBV	69028	110309	2.78%	0.332%
31	12.086	1543	1547	1553	rVV3	8010	11809	0.30%	0.035%
32	12.151	1553	1558	1559	rVV3	5514	7561	0.19%	0.023%
33	12.180	1560	1563	1567	rVV2	10386	15224	0.38%	0.046%
34	12.422	1596	1604	1606	rVV7	4826	9619	0.24%	0.029%
35	12.475	1608	1613	1618	rVB4	13629	24261	0.61%	0.073%
36	13.022	1702	1706	1710	rBV6	6444	9274	0.23%	0.028%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

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\SOM-EPA-BM092420MA.M
Title : SVOA CALIBRATION

37	13.104	1714	1720	1723	rBV4	5726	7555	0.19%	0.023%
38	13.286	1746	1751	1754	rBV4	6877	12135	0.31%	0.036%
39	13.345	1756	1761	1767	rVV2	44754	72873	1.84%	0.219%
40	13.492	1782	1786	1792	rVB2	14667	20438	0.51%	0.061%
41	13.604	1801	1805	1811	rBV6	5283	9457	0.24%	0.028%
42	13.763	1828	1832	1836	rVB4	6868	10538	0.27%	0.032%
43	13.851	1840	1847	1852	rVV	1385256	1905707	48.01%	5.728%
44	13.892	1852	1854	1861	rVB	70531	89431	2.25%	0.269%
45	13.992	1867	1871	1874	rBV2	14189	19040	0.48%	0.057%
46	14.033	1874	1878	1882	rVV2	11468	16391	0.41%	0.049%
47	14.127	1886	1894	1905	rVV	1443444	2162554	54.48%	6.500%
48	14.222	1905	1910	1921	rVB9	8532	21189	0.53%	0.064%
49	14.439	1939	1947	1953	rBV	987481	1472609	37.10%	4.426%
50	14.498	1955	1957	1961	rVB	26916	32385	0.82%	0.097%
51	14.621	1973	1978	1984	rBV	132487	194992	4.91%	0.586%
52	14.980	2035	2039	2042	rVB5	6477	8545	0.22%	0.026%
53	15.057	2047	2052	2057	rBV3	14220	26615	0.67%	0.080%
54	15.186	2068	2074	2078	rBV2	16138	23718	0.60%	0.071%
55	15.263	2083	2087	2092	rVB5	11744	18369	0.46%	0.055%
56	15.433	2107	2116	2122	rBV	1958444	2901272	73.09%	8.721%
57	15.486	2122	2125	2129	rVB	32178	40250	1.01%	0.121%
58	15.539	2129	2134	2142	rBV	523545	704929	17.76%	2.119%
59	15.610	2142	2146	2150	rVB	29523	39291	0.99%	0.118%
60	15.668	2150	2156	2159	rBV3	40446	67396	1.70%	0.203%
61	15.774	2171	2174	2180	rVB7	11980	19631	0.49%	0.059%
62	15.939	2198	2202	2208	rVB3	33558	53665	1.35%	0.161%
63	16.104	2222	2230	2237	rBV	108059	176717	4.45%	0.531%
64	16.163	2237	2240	2243	rVV5	5786	8705	0.22%	0.026%
65	16.215	2246	2249	2254	rVB4	11424	17050	0.43%	0.051%
66	16.274	2255	2259	2261	rBV3	6726	9899	0.25%	0.030%
67	16.333	2265	2269	2273	rBV7	6790	11872	0.30%	0.036%
68	16.445	2284	2288	2292	rBV4	15485	27115	0.68%	0.082%
69	16.492	2292	2296	2300	rVV7	14193	22515	0.57%	0.068%
70	16.545	2300	2305	2309	rVV6	15180	26106	0.66%	0.078%
71	16.733	2334	2337	2340	rVB5	6635	8664	0.22%	0.026%
72	16.863	2353	2359	2364	rVB10	8100	15189	0.38%	0.046%
73	16.968	2372	2377	2380	rBV4	6964	12396	0.31%	0.037%
74	16.992	2380	2381	2387	rVB3	10674	12253	0.31%	0.037%
75	17.039	2387	2389	2396	rVB7	4731	8462	0.21%	0.025%
76	17.180	2403	2413	2423	rBV	1327804	1862957	46.93%	5.600%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

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\SOM-EPA-BM092420MA.M
Title : SVOA CALIBRATION

77	17.280	2423	2430	2438	rBV	2276387	3265117	82.25%	9.814%
78	17.368	2441	2445	2450	rVB7	6968	14044	0.35%	0.042%
79	17.421	2450	2454	2459	rBV8	7799	14064	0.35%	0.042%
80	17.474	2459	2463	2467	rVB	18848	24231	0.61%	0.073%
81	17.527	2469	2472	2474	rBV3	10379	10649	0.27%	0.032%
82	17.792	2513	2517	2522	rVB7	11782	20661	0.52%	0.062%
83	17.862	2525	2529	2530	rBV4	5668	7689	0.19%	0.023%
84	18.080	2561	2566	2573	rBV	139695	211547	5.33%	0.636%
85	18.215	2585	2589	2592	rBV	17480	21461	0.54%	0.065%
86	18.315	2602	2606	2609	rBV2	11101	15937	0.40%	0.048%
87	18.362	2611	2614	2618	rVB	17824	24539	0.62%	0.074%
88	18.751	2677	2680	2686	rVB7	4618	8630	0.22%	0.026%
89	18.933	2709	2711	2714	rBV4	6561	8594	0.22%	0.026%
90	19.109	2738	2741	2744	rBV5	7275	8031	0.20%	0.024%
91	19.204	2752	2757	2761	rBV	31146	49623	1.25%	0.149%
92	19.362	2780	2784	2793	rVB3	37471	57252	1.44%	0.172%
93	19.451	2795	2799	2805	rBV	29473	46447	1.17%	0.140%
94	19.568	2813	2819	2824	rBV	2973099	3969556	100.00%	11.932%
95	19.615	2824	2827	2836	rVB	43611	62069	1.56%	0.187%
96	20.609	2992	2996	3003	rBV4	44494	59039	1.49%	0.177%
97	21.080	3072	3076	3086	rBV	235102	323940	8.16%	0.974%
98	21.356	3118	3123	3129	rBV	1562020	1946903	49.05%	5.852%
99	23.480	3477	3484	3492	rBV	1575340	2927673	73.75%	8.800%
100	23.627	3502	3509	3520	rVB	874083	1670944	42.09%	5.023%

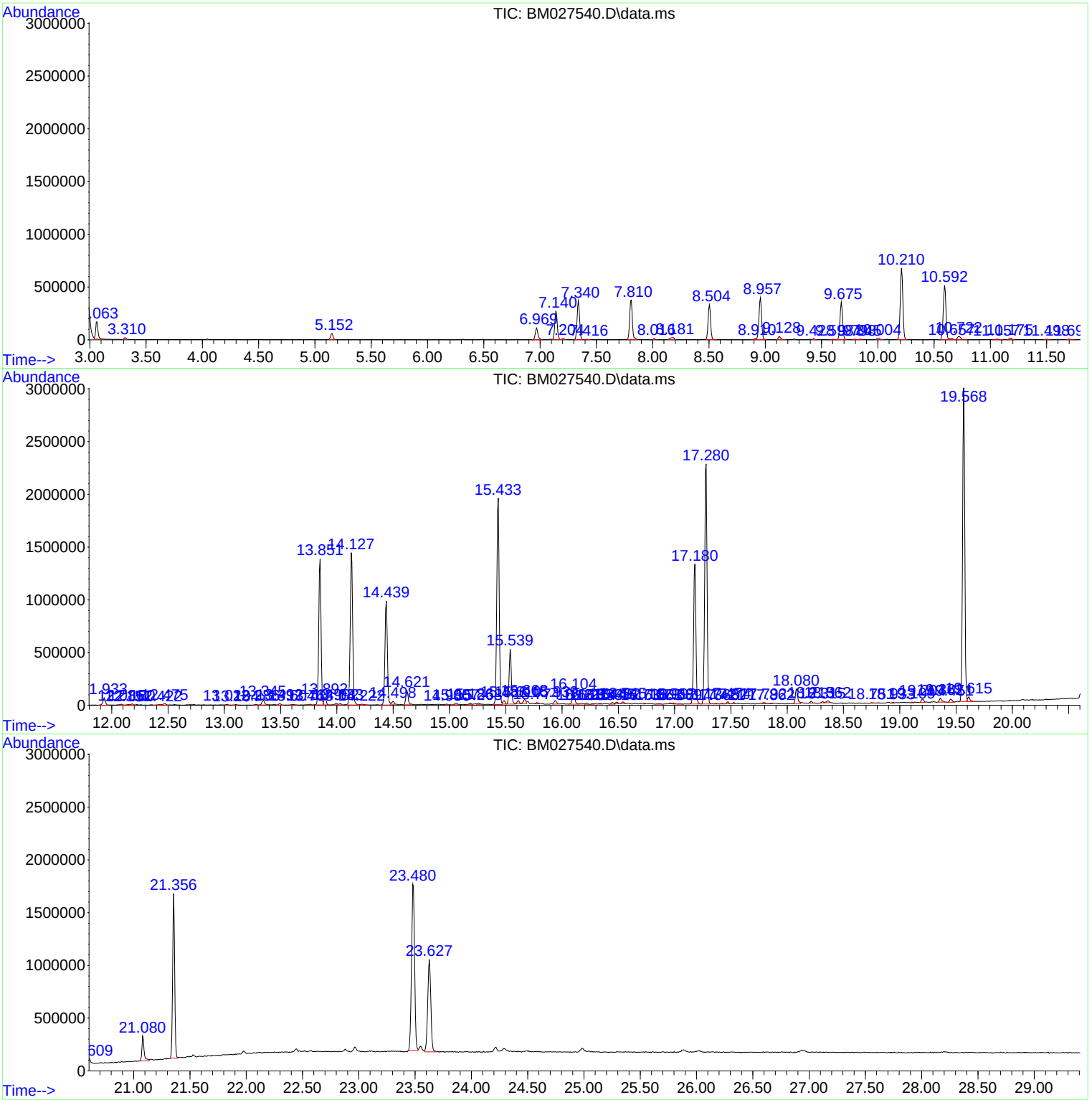
Sum of corrected areas: 33268324

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG496

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

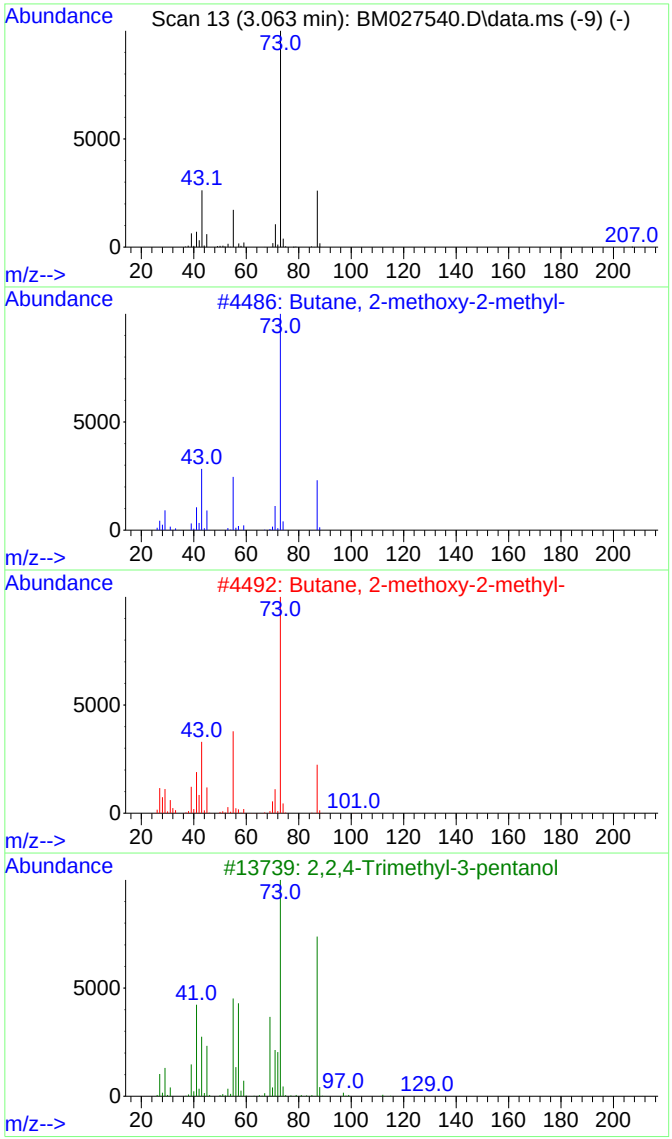
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

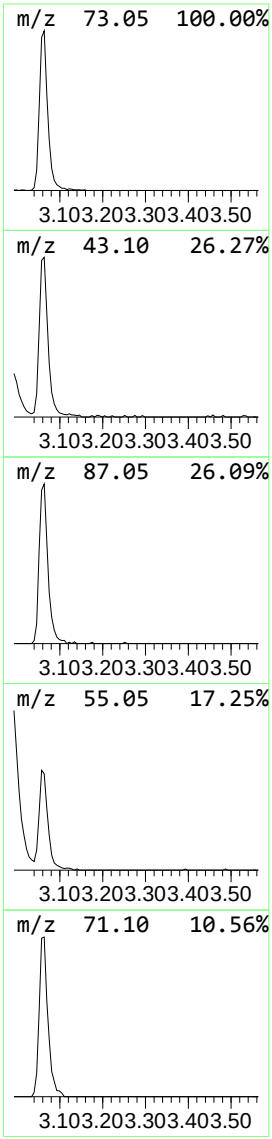
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.063	7.47 ng/ul	231798	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

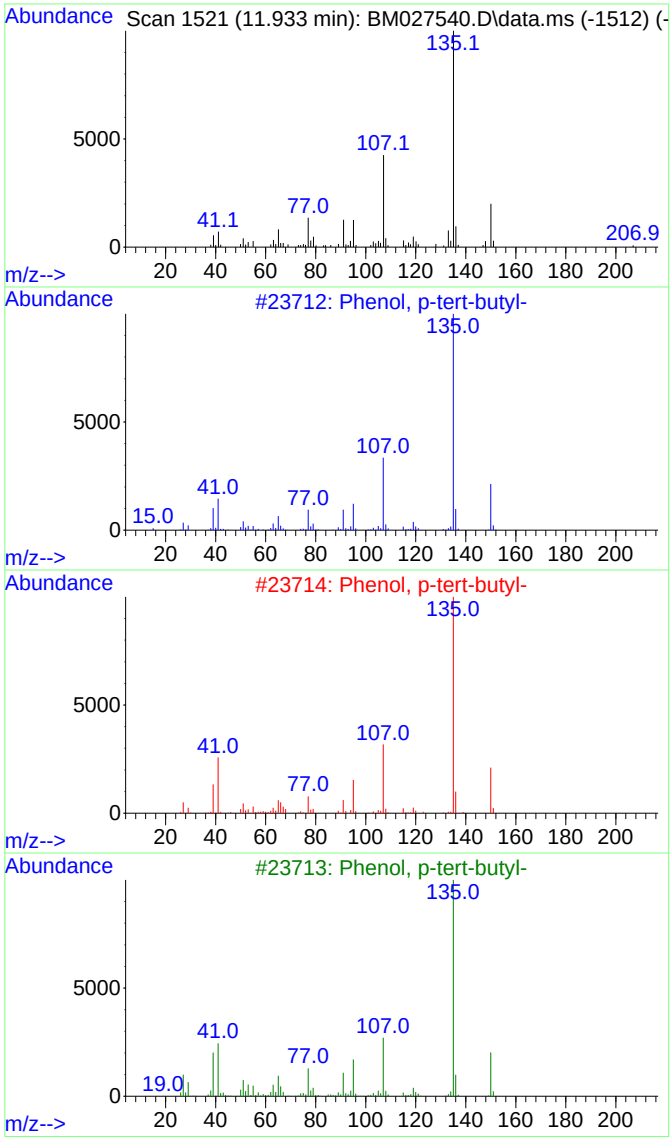
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

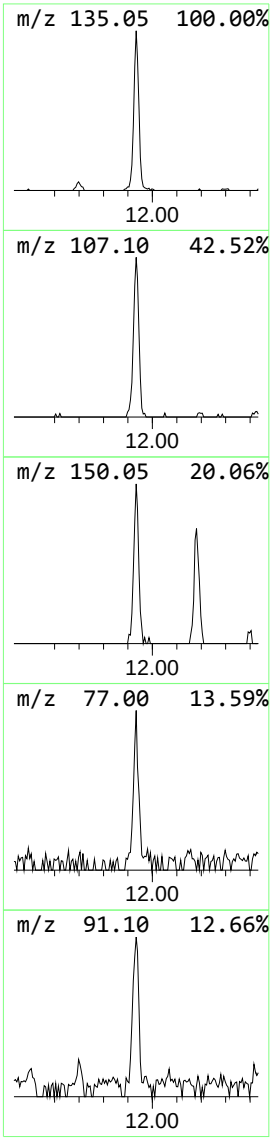
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.59 ng/ul	110309	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	86
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

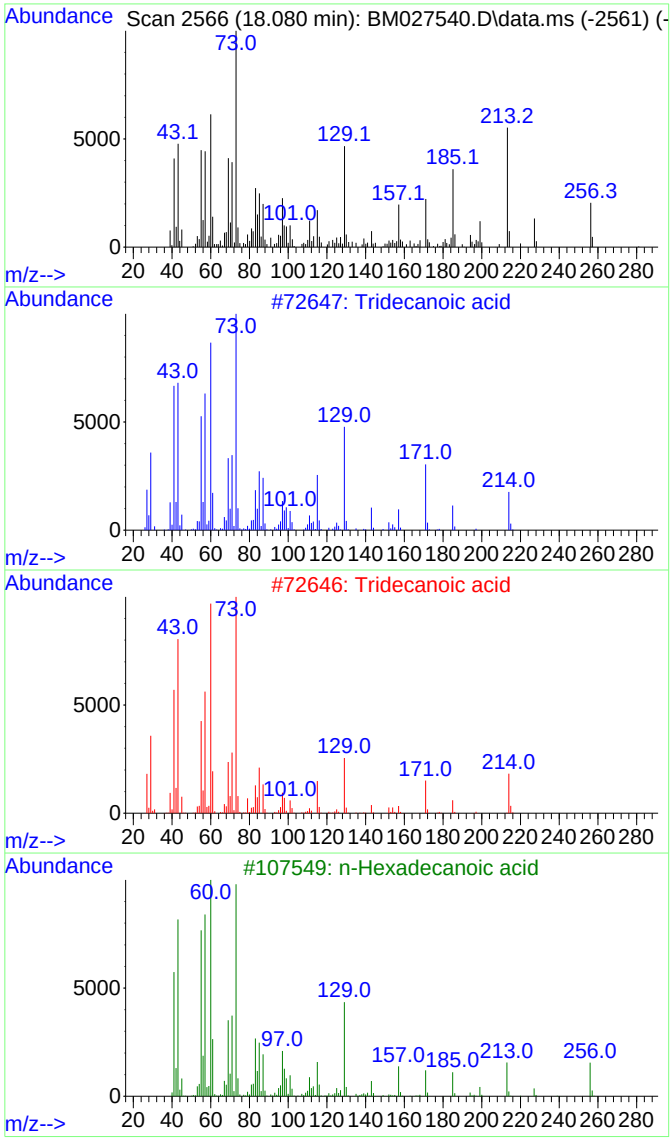
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

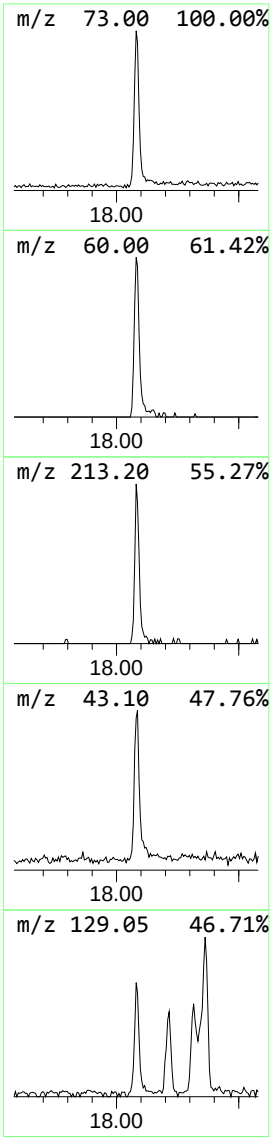
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	2.27 ng/ul	211547	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Tridecanoic acid	214	C13H26O2	000638-53-9	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

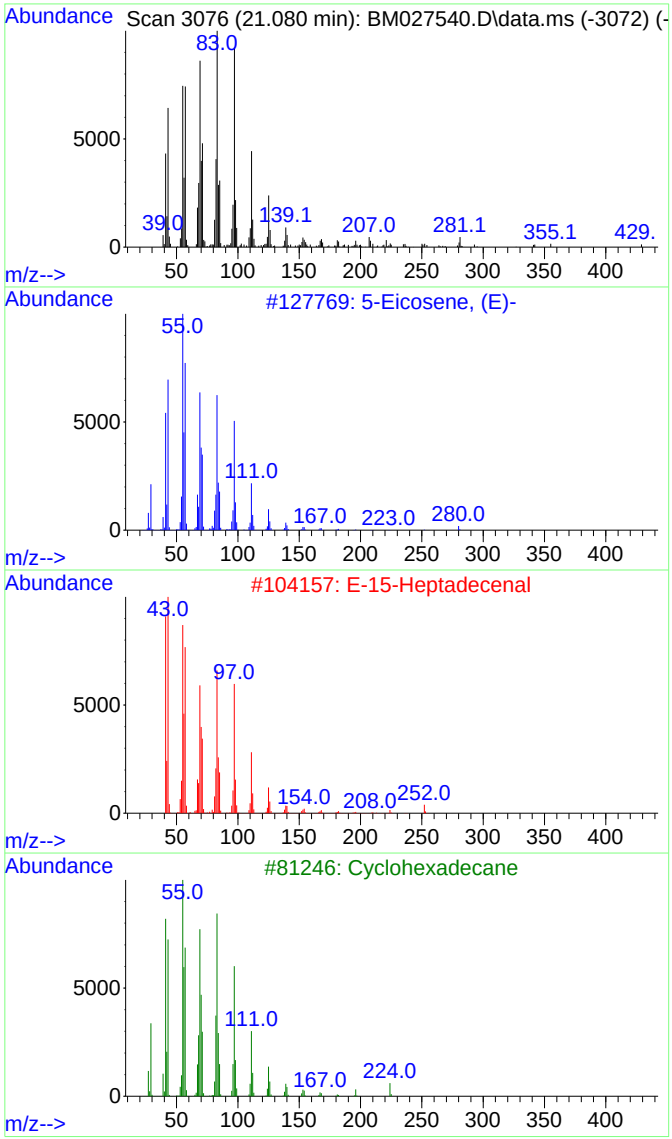
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

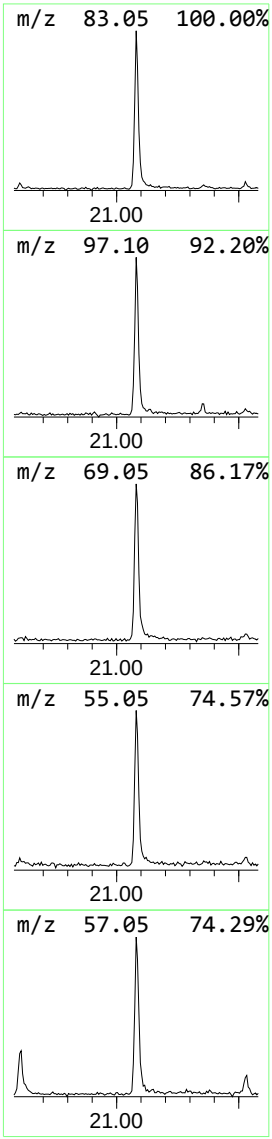
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	3.33 ng/ul	323940	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027540.D
Acq On : 25 Sep 2020 21:53
Operator : JU/CG
Sample : L4135-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG496

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.063	7.5	ng/ul	231798	1	7.810	620738	20.0
Phenol, p-tert-...	11.933	2.6	ng/ul	110309	2	10.592	853074	20.0
Tridecanoic acid	18.080	2.3	ng/ul	211547	4	17.180	1862960	20.0
(DEL) Alkane: S...	21.080	3.3	ng/ul	323940	5	21.356	1946900	20.0