LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030007.D
Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

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-BM050721.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.681	131	135	145	rVB2	14444	24612	0.64%	0.064%
2	5.116	377	379	382	rVB3	4244	4126	0.11%	0.011%
3	5.628	462	466	472	rVB3	9502	16859	0.44%	0.044%
4	6.210	563	565	568	rBV4	2703	4005	0.10%	0.010%
5	6.246	568	571	576	rVV7	3259	5523	0.14%	0.014%
6	6.675	640	644	649	rBV6	5428	9328	0.24%	0.024%
7	6.734	649	654	666	rVV	97462	217601	5.69%	0.567%
8	6.887	675	680	703	rBV	410312	746834	19.52%	1.946%
9	7.075	706	712	726	rBV	495351	878883	22.97%	2.290%
10	7.540	784	791	799	rBV	504577	847518	22.15%	2.208%
11	7.610	799	803	817	rVB	143030	248252	6.49%	0.647%
12	7.751	825	827	832	rVB5	3304	5165	0.14%	0.013%
13	8.198	900	903	907	rBV5	4312	6498	0.17%	0.017%
14	8.257	907	913	929	rVV	326446	642223	16.79%	1.673%
15	8.381	929	934	941	rVB2	26212	50724	1.33%	0.132%
16	8.534	956	960	965	rVB6	5419	9418	0.25%	0.025%
17	8.634	971	977	982	rBV	101462	177035	4.63%	0.461%
18	8.692	982	987	1008	rVB	562571	1064252	27.82%	2.772%
19	8.869	1013	1017	1021	rBV6	7314	14219	0.37%	0.037%
20	9.110	1054	1058	1067	rVB6	8112	14387	0.38%	0.037%
21	9.239	1076	1080	1087	rVB8	3911	10113	0.26%	0.026%
22	9.410	1102	1109	1126	rBV	490858	913903	23.89%	2.381%
23	9.739	1160	1165	1169	rBV7	4522	7928	0.21%	0.021%
24	9.951	1194	1201	1220	rBV	544569	1211977	31.68%	3.157%
25	10.092	1223	1225	1237	rVV	13847	34174	0.89%	0.089%
26	10.192	1239	1242	1245	rVB5	4655	6009	0.16%	0.016%
27	10.245	1245	1251	1256	rBV6	14516	34019	0.89%	0.089%
28	10.310	1256	1262	1270	rVV	761050	1297163	33.91%	3.379%
29	10.381	1270	1274	1280	rVB2	30643	54072	1.41%	0.141%
30	10.492	1288	1293	1302	rBV6	8128	20568	0.54%	0.054%
31	10.633	1315	1317	1322	rVB5	4615	7172	0.19%	0.019%
32	10.945	1367	1370	1372	rBV3	3320	3880	0.10%	0.010%
33	10.998	1372	1379	1388	rVV2	17322	44733	1.17%	0.117%
34	11.510	1463	1466	1470	rVB6	4881	6894	0.18%	0.018%

LSC Area Percent Report

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Data File : BM030007.D
Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

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-BM050721.M
Title : SVOA CALIBRATION

35	11.675	1488	1494	1497	rBV8	2803	5637	0.15%	0.015%
36	11.922	1531	1536	1544	rBV4	10835	21053	0.55%	0.055%
37	12.192	1578	1582	1587	rVB2	3580	5302	0.14%	0.014%
38	12.251	1587	1592	1598	rVB4	2969	5461	0.14%	0.014%
39	12.422	1614	1621	1626	rVB7	1798	3952	0.10%	0.010%
40	12.533	1635	1640	1646	rBV3	27212	43841	1.15%	0.114%
41	12.657	1658	1661	1666	rBV5	3789	8080	0.21%	0.021%
42	12.792	1677	1684	1693	rBV	54757	85408	2.23%	0.222%
43	13.033	1718	1725	1732	rBV	68121	114154	2.98%	0.297%
44	13.086	1732	1734	1736	rVV3	4787	5253	0.14%	0.014%
45	13.133	1736	1742	1755	rVB	64534	162135	4.24%	0.422%
46	13.610	1816	1823	1829	rBV	1540160	2180118	56.98%	5.679%
47	13.657	1829	1831	1838	rVV	45743	65916	1.72%	0.172%
48	13.727	1839	1843	1847	rVV4	22172	29498	0.77%	0.077%
49	13.774	1849	1851	1859	rVB7	2906	5499	0.14%	0.014%
50	13.880	1859	1869	1882	rBV	1703654	2596091	67.86%	6.763%
51	13.986	1883	1887	1894	rVB7	10001	17042	0.45%	0.044%
52	14.104	1899	1907	1914	rVV7	9410	21603	0.56%	0.056%
53	14.186	1914	1921	1933	rVV	1246225	1788227	46.74%	4.659%
54	14.280	1933	1937	1942	rVB3	11224	14877	0.39%	0.039%
55	14.492	1964	1973	1976	rBV8	14619	40415	1.06%	0.105%
56	14.721	2008	2012	2019	rVB9	2811	6180	0.16%	0.016%
57	14.786	2019	2023	2027	rBV6	6520	11215	0.29%	0.029%
58	14.827	2027	2030	2033	rVB5	3770	5225	0.14%	0.014%
59	14.874	2033	2038	2045	rBV2	11271	18847	0.49%	0.049%
60	14.951	2045	2051	2056	rBV	91065	128994	3.37%	0.336%
61	15.027	2056	2064	2068	rBV2	70309	110526	2.89%	0.288%
62	15.186	2082	2091	2109	rBV	2328070	3310390	86.53%	8.624%
63	15.327	2109	2115	2128	rVV	651743	1011024	26.43%	2.634%
64	15.427	2128	2132	2137	rVV	35806	61909	1.62%	0.161%
65	15.468	2137	2139	2143	rVB5	6896	9108	0.24%	0.024%
66	15.563	2149	2155	2162	rBV3	18858	32925	0.86%	0.086%
67	15.616	2162	2164	2169	rVV6	3242	4231	0.11%	0.011%
68	15.680	2169	2175	2178	rVB7	3290	7319	0.19%	0.019%
69	15.763	2186	2189	2193	rBV6	3141	4859	0.13%	0.013%
70	15.815	2195	2198	2202	rVV5	3730	4572	0.12%	0.012%
71	15.874	2205	2208	2213	rVB6	3860	5018	0.13%	0.013%

LSC Area Percent Report

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Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

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-BM050721.M
Title : SVOA CALIBRATION

72	15.974	2221	2225	2230	rVB4	8278	11876	0.31%	0.031%
73	16.127	2248	2251	2254	rVB4	4767	5326	0.14%	0.014%
74	16.174	2254	2259	2264	rBV	15972	21616	0.57%	0.056%
75	16.333	2283	2286	2290	rVB4	5326	6983	0.18%	0.018%
76	16.539	2318	2321	2325	rVB2	5817	5905	0.15%	0.015%
77	16.621	2330	2335	2336	rBV4	4347	7504	0.20%	0.020%
78	16.721	2348	2352	2357	rBV5	4789	8443	0.22%	0.022%
79	16.933	2380	2388	2399	rBV	1307693	1885610	49.29%	4.912%
80	17.033	2399	2405	2422	rVV	2380907	3551137	92.82%	9.251%
81	17.233	2435	2439	2448	rVB	28744	42547	1.11%	0.111%
82	17.609	2493	2503	2512	rBV	365377	452440	11.83%	1.179%
83	17.845	2539	2543	2551	rBV2	64588	115550	3.02%	0.301%
84	17.915	2551	2555	2563	rVB	31394	54007	1.41%	0.141%
85	18.057	2575	2579	2582	rBV5	5039	7227	0.19%	0.019%
86	18.092	2582	2585	2587	rVB4	4925	5441	0.14%	0.014%
87	18.339	2622	2627	2632	rBV9	4578	10474	0.27%	0.027%
88	18.968	2730	2734	2741	rBV2	21253	35717	0.93%	0.093%
89	19.021	2741	2743	2746	rVB4	3660	4109	0.11%	0.011%
90	19.133	2759	2762	2773	rBV9	14123	24382	0.64%	0.064%
91	19.221	2773	2777	2784	rBV	18209	28555	0.75%	0.074%
92	19.333	2790	2796	2815	rBV	2803127	3825802	100.00%	9.967%
93	19.580	2836	2838	2843	rVB5	9892	13874	0.36%	0.036%
94	20.850	3050	3054	3065	rBV	269605	448640	11.73%	1.169%
95	21.127	3096	3101	3110	rBV	1182577	1714082	44.80%	4.465%
96	22.150	3272	3275	3280	rVB3	80095	101288	2.65%	0.264%
97	23.139	3437	3443	3458	rVB2	1924799	3644305	95.26%	9.494%
98	23.274	3460	3466	3479	rVB2	896651	1761328	46.04%	4.588%

Sum of corrected areas: 38386139

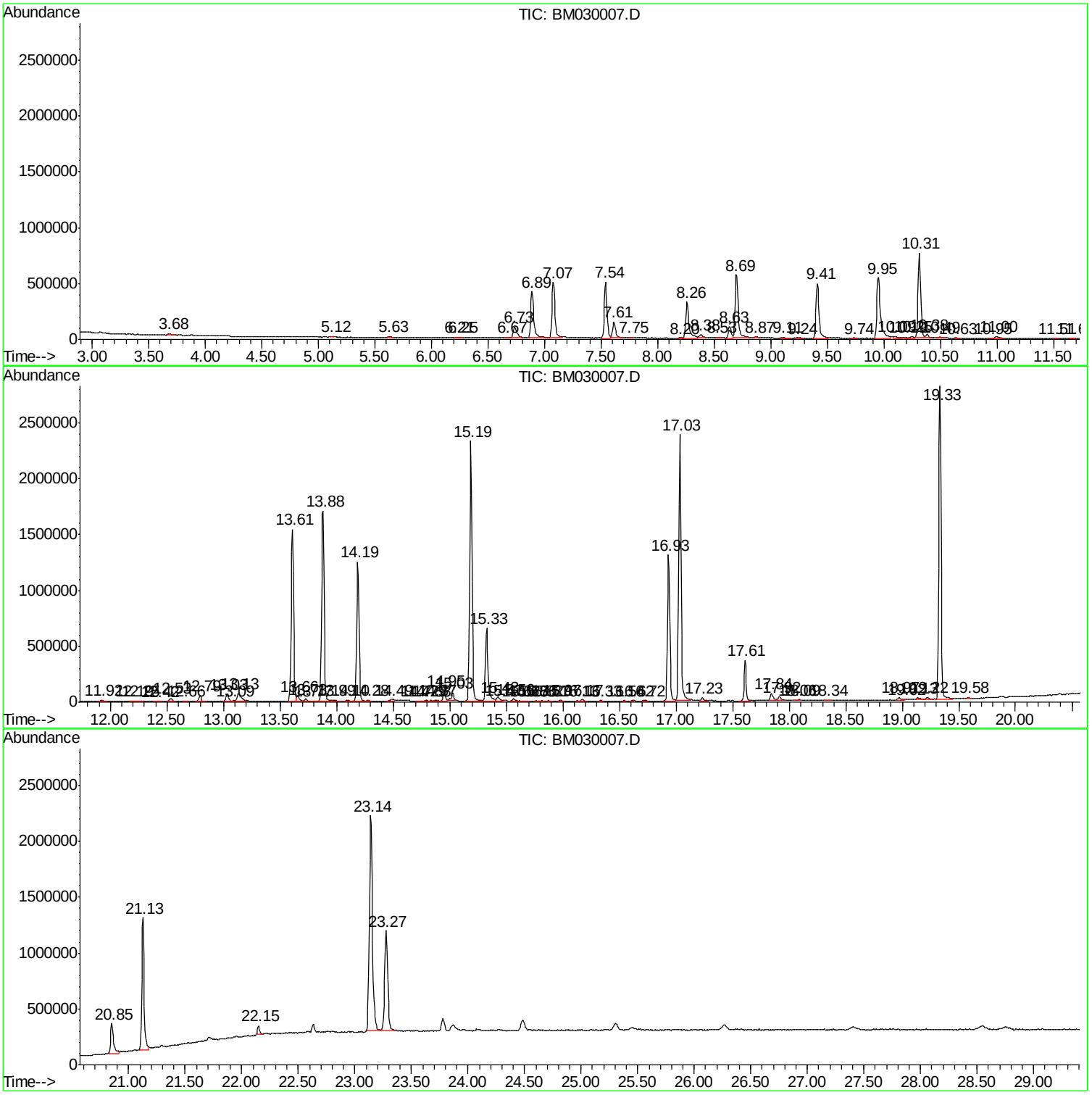
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030007.D
Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030007.D
Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

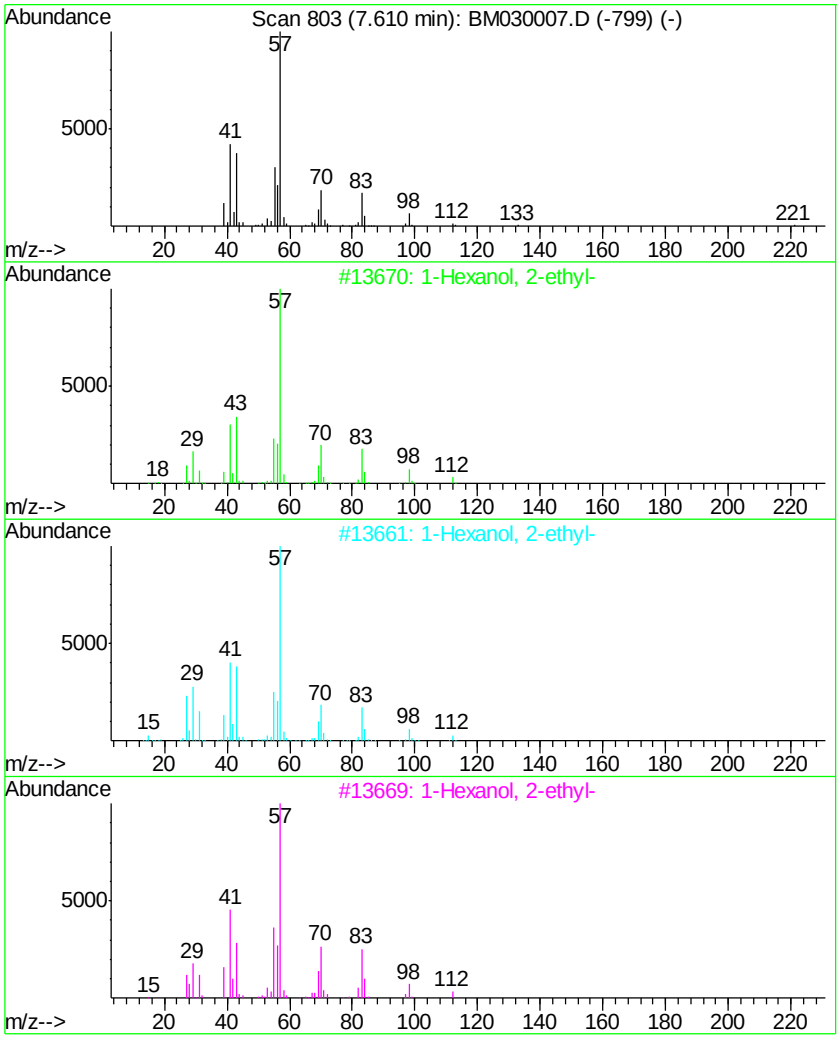
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

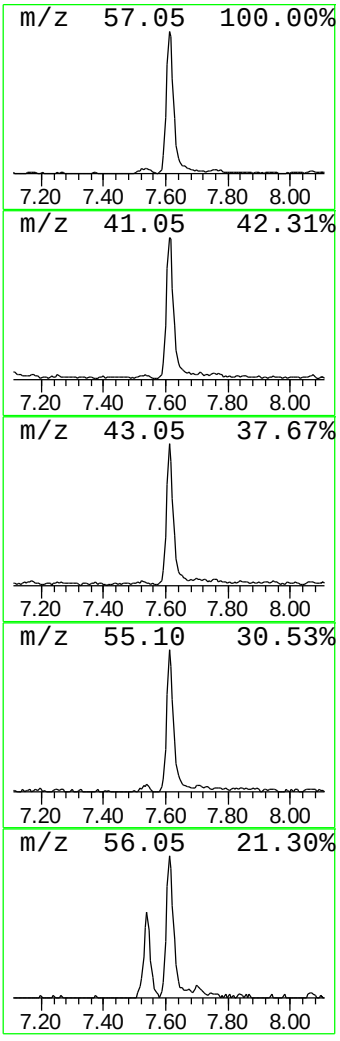
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	5.86 ng/ul	248252	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030007.D
Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

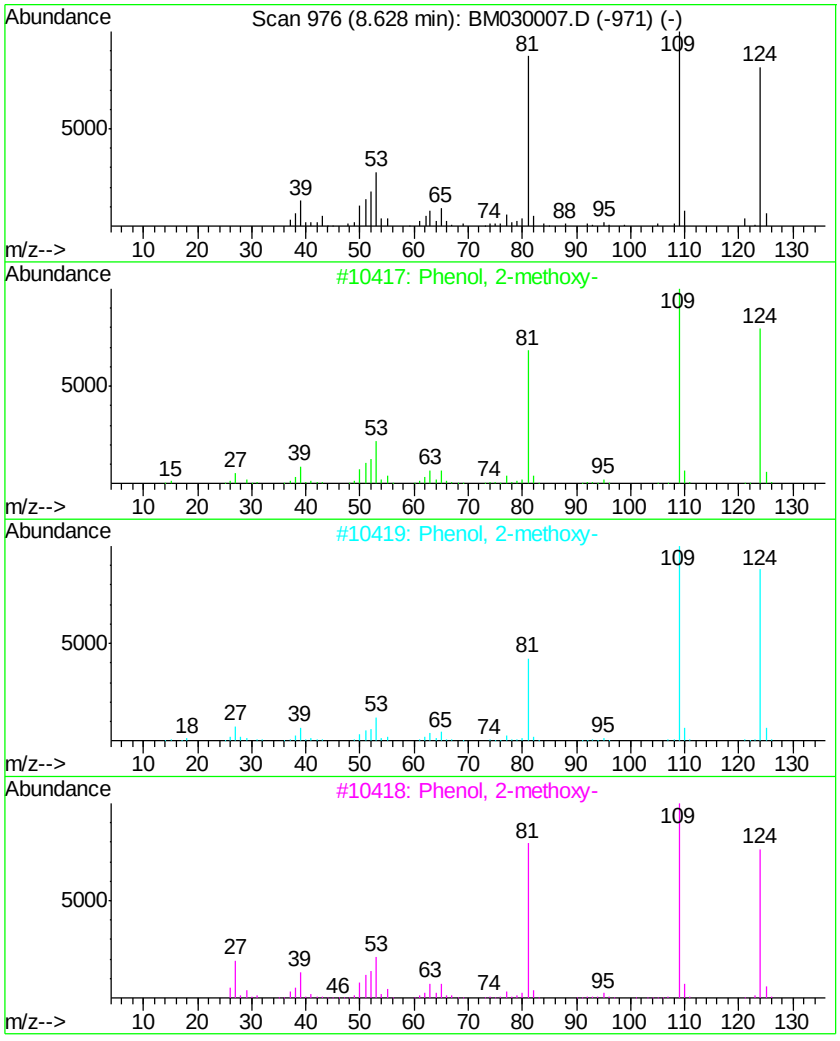
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

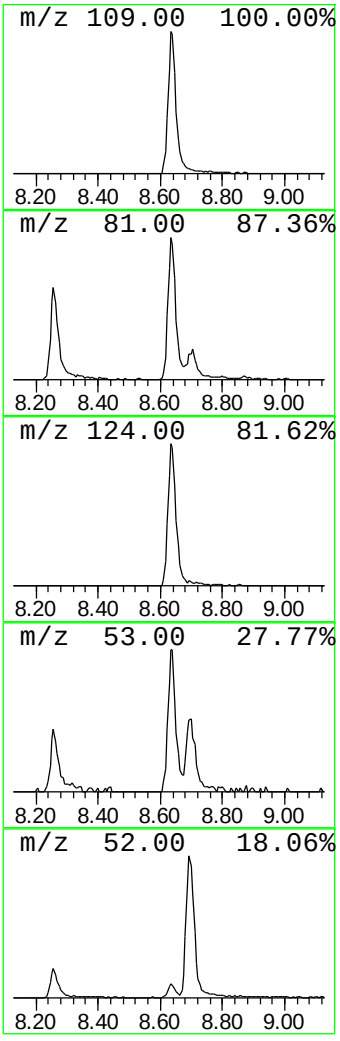
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.18 ng/ul	177035	1,4-Dichlorobenzene-d4	7.54

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	95
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	78





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Instrument : BNA_M
ClientSampleId : BG205

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

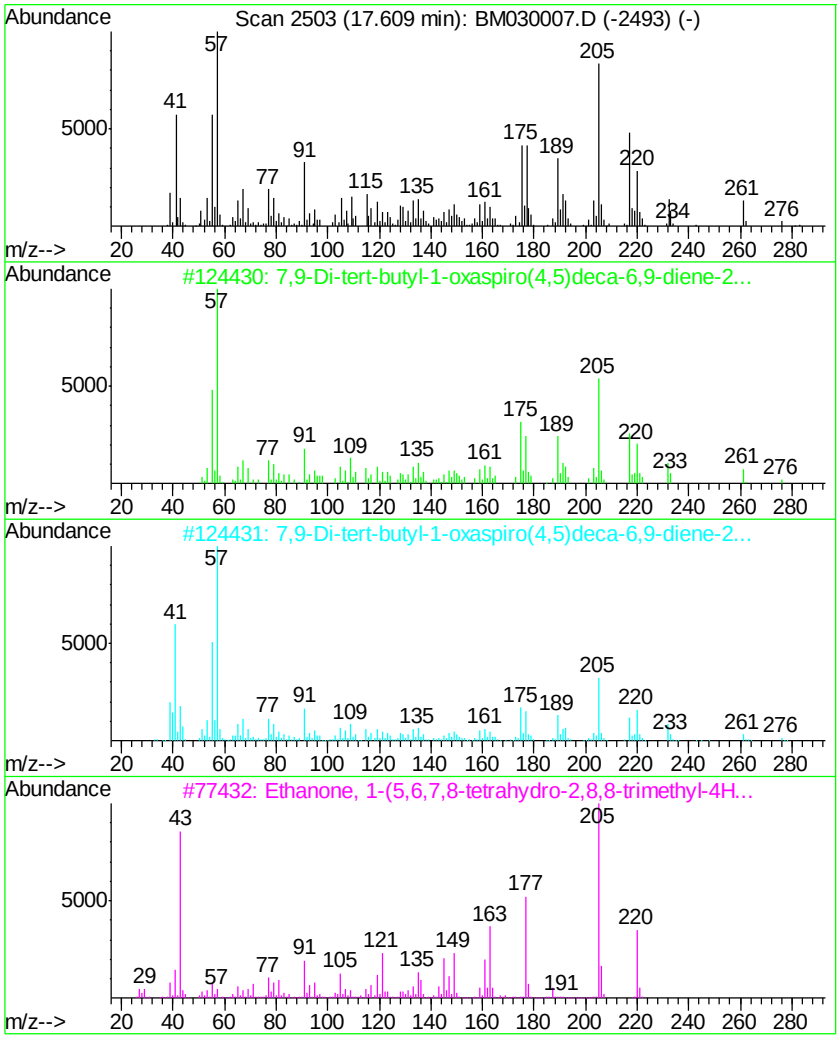
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

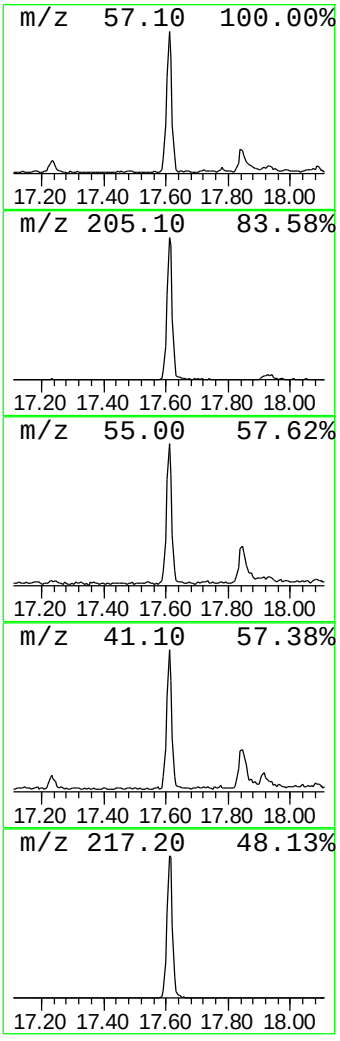
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	4.80 ng/ul	452440	Phenanthrene-d10	16.93

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	99
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	2-Methyl-4,5-dimethoxycrotonophe...	220	C13H16O3	207233-94-1	38
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38





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Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

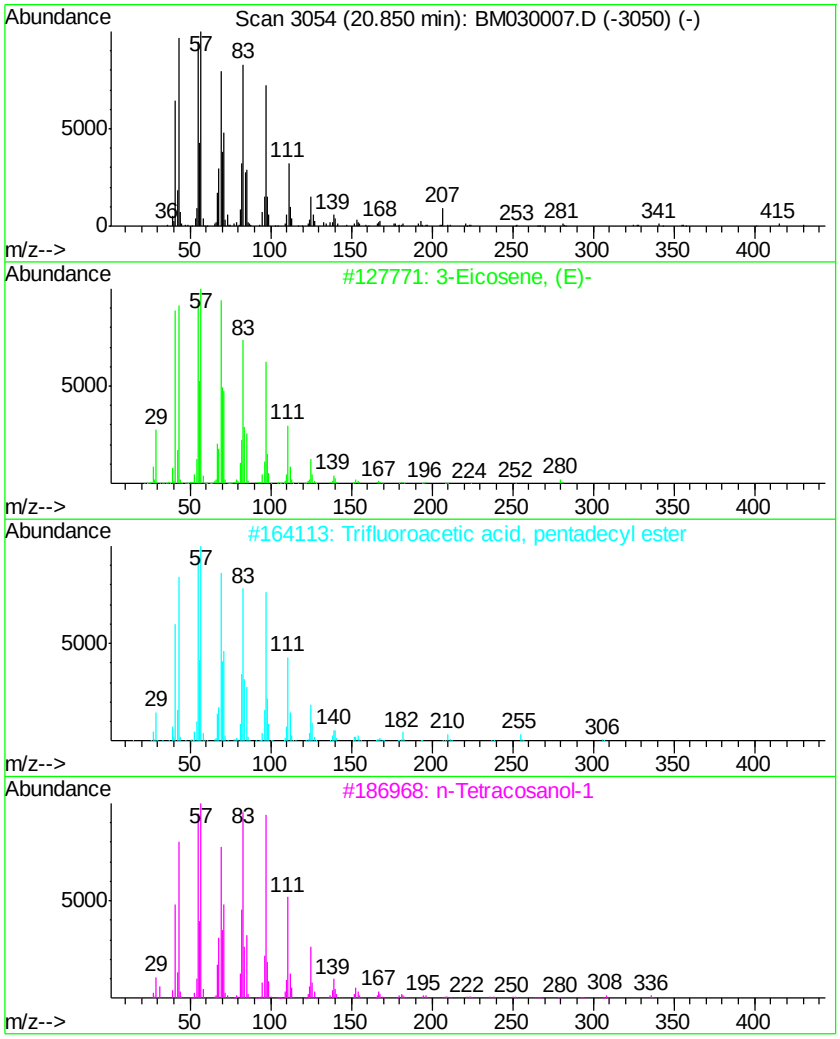
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

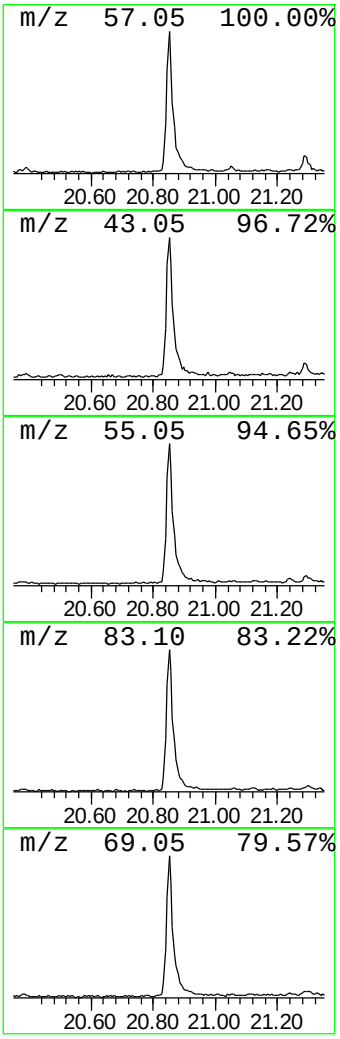
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.23 ng/ul	448640	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030007.D
Acq On : 13 May 2021 11:57
Operator : CG/JU
Sample : M2377-01
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG205

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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
1-Hexanol, 2-ethyl-	7.61	5.9	ng/ul	248252	1	7.54	847518	20.0
Phenol, 2-methoxy-	8.63	4.2	ng/ul	177035	1	7.54	847518	20.0
7,9-Di-tert-butyl...	17.61	4.8	ng/ul	452440	4	16.93	1885610	20.0
(DEL) Alkane: Str...	20.85	5.2	ng/ul	448640	5	21.13	1714080	20.0