

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
 Data File : BM029765.D
 Acq On : 02 May 2021 02:40
 Operator : CG/JU
 Sample : M2065-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG571

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM050121.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	3.081	31	33	39	rVB5	4827	7071	0.63%	0.072%
2	3.269	64	65	68	rBV3	2253	2414	0.21%	0.025%
3	3.522	106	108	117	rBV	12373	30173	2.67%	0.307%
4	3.710	134	140	144	rBV3	10651	15024	1.33%	0.153%
5	3.799	151	155	160	rBV	21090	28292	2.51%	0.288%
6	4.175	217	219	222	rBV3	1701	1856	0.16%	0.019%
7	4.710	306	310	314	rBV2	6179	8629	0.76%	0.088%
8	6.581	624	628	630	rBV4	1672	2470	0.22%	0.025%
9	6.763	654	659	671	rBV	69578	140972	12.49%	1.434%
10	6.922	680	686	697	rBV	55160	100255	8.88%	1.020%
11	7.110	712	718	731	rVV	93538	162984	14.44%	1.658%
12	7.575	791	797	807	rBV	131219	221329	19.61%	2.251%
13	7.798	831	835	840	rVB5	2533	3738	0.33%	0.038%
14	8.116	885	889	893	rVB6	2022	3595	0.32%	0.037%
15	8.245	906	911	913	rBV3	2124	2437	0.22%	0.025%
16	8.292	913	919	932	rVV2	83719	169657	15.04%	1.726%
17	8.416	935	940	943	rVV3	4703	8715	0.77%	0.089%
18	8.451	943	946	948	rVV3	2468	2924	0.26%	0.030%
19	8.734	987	994	1007	rBV	67200	133936	11.87%	1.362%
20	8.839	1011	1012	1017	rVB3	1443	1686	0.15%	0.017%
21	9.151	1060	1065	1072	rVB4	4095	7358	0.65%	0.075%
22	9.451	1110	1116	1127	rBV	61160	121113	10.73%	1.232%
23	9.539	1129	1131	1136	rVV2	2569	3249	0.29%	0.033%
24	9.986	1201	1207	1221	rVV	94096	198889	17.63%	2.023%
25	10.086	1223	1224	1229	rVV3	3320	3698	0.33%	0.038%
26	10.122	1229	1230	1234	rVB	1871	1746	0.15%	0.018%
27	10.351	1261	1269	1281	rVV	177932	298948	26.49%	3.041%
28	10.504	1289	1295	1317	rBV	60633	154337	13.68%	1.570%
29	10.839	1347	1352	1357	rBV4	1663	2738	0.24%	0.028%
30	11.198	1410	1413	1417	rVB3	1045	1681	0.15%	0.017%
31	11.386	1438	1445	1450	rBV4	5870	10781	0.96%	0.110%
32	11.633	1480	1487	1489	rBV3	2033	3139	0.28%	0.032%
33	11.875	1525	1528	1529	rBV2	1909	1936	0.17%	0.020%
34	11.910	1529	1534	1540	rVV2	4420	10081	0.89%	0.103%

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35	12.016	1551	1552	1555	rVB3	2078	1696	0.15%	0.017%
36	12.086	1559	1564	1565	rBV2	1422	1830	0.16%	0.019%
37	12.157	1574	1576	1579	rBV3	1601	2089	0.19%	0.021%
38	12.192	1579	1582	1586	rVV3	1373	2434	0.22%	0.025%
39	12.251	1586	1592	1594	rVV5	1778	3812	0.34%	0.039%
40	12.280	1595	1597	1601	rVV3	1517	2022	0.18%	0.021%
41	12.404	1614	1618	1622	rBV4	1384	2609	0.23%	0.027%
42	12.492	1629	1633	1635	rBV3	2330	2568	0.23%	0.026%
43	12.563	1640	1645	1648	rBV4	1699	2879	0.26%	0.029%
44	12.645	1657	1659	1665	rVB4	2122	2982	0.26%	0.030%
45	12.710	1668	1670	1673	rVV2	2621	3161	0.28%	0.032%
46	12.763	1673	1679	1683	rVV2	11236	16564	1.47%	0.168%
47	12.810	1685	1687	1692	rVV3	3036	3929	0.35%	0.040%
48	12.998	1715	1719	1721	rBV4	2311	2632	0.23%	0.027%
49	13.027	1721	1724	1726	rBV3	2004	2388	0.21%	0.024%
50	13.133	1736	1742	1748	rVB7	3542	6614	0.59%	0.067%
51	13.210	1753	1755	1761	rVB5	2964	4921	0.44%	0.050%
52	13.257	1761	1763	1767	rBV2	975	1746	0.15%	0.018%
53	13.286	1767	1768	1777	rVB7	2622	4130	0.37%	0.042%
54	13.369	1777	1782	1785	rBV7	2265	4467	0.40%	0.045%
55	13.439	1790	1794	1796	rBV4	1773	2335	0.21%	0.024%
56	13.639	1822	1828	1833	rBV	264516	381347	33.80%	3.879%
57	13.686	1833	1836	1845	rVB2	48399	97026	8.60%	0.987%
58	13.757	1845	1848	1857	rVB5	4694	9109	0.81%	0.093%
59	13.910	1868	1874	1884	rBV	288732	450175	39.90%	4.579%
60	14.051	1894	1898	1901	rBV4	5918	9189	0.81%	0.093%
61	14.139	1907	1913	1916	rBV6	3382	7234	0.64%	0.074%
62	14.221	1917	1927	1935	rVV	329871	491760	43.58%	5.002%
63	14.316	1941	1943	1947	rVB4	2000	2635	0.23%	0.027%
64	14.386	1953	1955	1957	rBV3	1999	2077	0.18%	0.021%
65	14.468	1962	1969	1977	rBV4	14289	41831	3.71%	0.426%
66	14.539	1979	1981	1985	rVB3	2925	4345	0.39%	0.044%
67	14.645	1995	1999	2001	rVB5	3569	4751	0.42%	0.048%
68	14.668	2001	2003	2007	rVB5	3474	4822	0.43%	0.049%
69	14.757	2014	2018	2024	rVB5	8802	12494	1.11%	0.127%
70	14.833	2027	2031	2032	rBV4	2787	2876	0.25%	0.029%
71	14.851	2032	2034	2035	rBV2	2750	2306	0.20%	0.023%

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72	14.939	2047	2049	2054	rBV6	2614	3782	0.34%	0.038%
73	15.004	2056	2060	2067	rVV8	6289	11095	0.98%	0.113%
74	15.221	2088	2097	2104	rBV	394348	608033	53.89%	6.185%
75	15.357	2115	2120	2128	rBV	44021	77606	6.88%	0.789%
76	15.457	2131	2137	2140	rBV7	4259	10434	0.92%	0.106%
77	15.498	2140	2144	2149	rVV2	16789	25293	2.24%	0.257%
78	15.568	2153	2156	2157	rBV3	2465	2019	0.18%	0.021%
79	15.651	2166	2170	2174	rBV7	4024	7712	0.68%	0.078%
80	15.704	2176	2179	2182	rVV5	3736	4864	0.43%	0.049%
81	15.739	2182	2185	2187	rVB4	3077	3188	0.28%	0.032%
82	15.786	2191	2193	2197	rBV5	2702	3726	0.33%	0.038%
83	15.974	2217	2225	2235	rBV4	39594	74946	6.64%	0.762%
84	16.204	2262	2264	2266	rBV3	3437	2997	0.27%	0.030%
85	16.262	2272	2274	2279	rVB5	4556	6689	0.59%	0.068%
86	16.333	2282	2286	2288	rBV4	6734	7822	0.69%	0.080%
87	16.351	2288	2289	2290	rBV	4018	2578	0.23%	0.026%
88	16.792	2360	2364	2372	rVB2	23886	43228	3.83%	0.440%
89	16.968	2388	2394	2405	rBV	424032	632330	56.04%	6.432%
90	17.068	2405	2411	2420	rVV2	434746	665222	58.95%	6.767%
91	17.174	2426	2429	2433	rVB5	14796	17817	1.58%	0.181%
92	17.398	2463	2467	2473	rBV8	7985	12717	1.13%	0.129%
93	17.874	2544	2548	2556	rVB7	24310	40286	3.57%	0.410%
94	19.033	2742	2745	2751	rVB	15985	19967	1.77%	0.203%
95	19.362	2796	2801	2809	rBV	684362	950197	84.21%	9.665%
96	20.886	3057	3060	3067	rVB4	56086	91968	8.15%	0.935%
97	21.080	3090	3093	3097	rVB	72704	77523	6.87%	0.789%
98	21.150	3101	3105	3118	rVB	636162	854928	75.77%	8.696%
99	23.180	3445	3450	3464	rVB	569474	1128389	100.00%	11.478%
100	23.321	3468	3474	3488	rVB	504866	973980	86.32%	9.907%

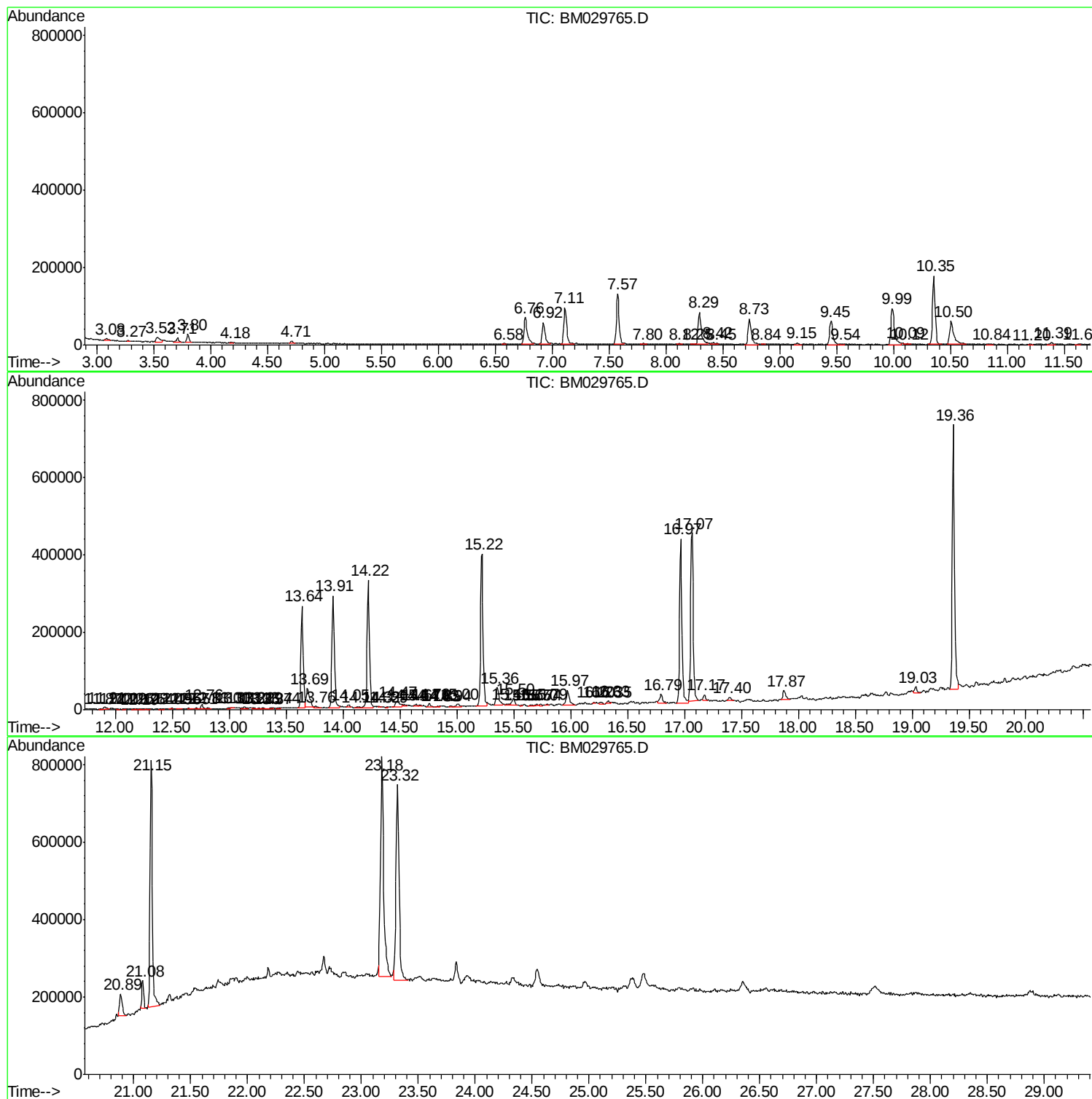
Sum of corrected areas: 9830972

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



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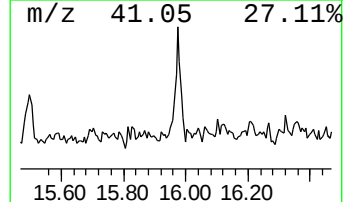
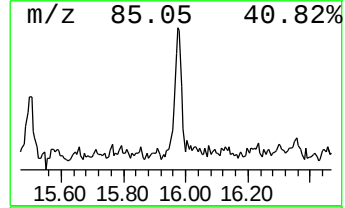
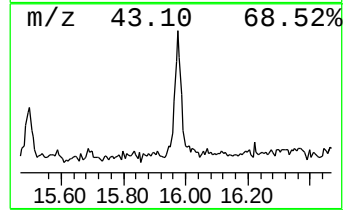
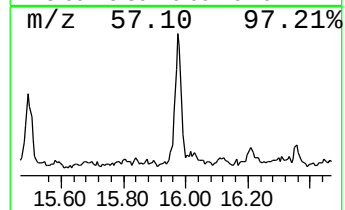
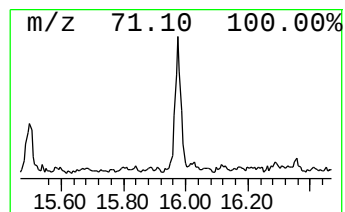
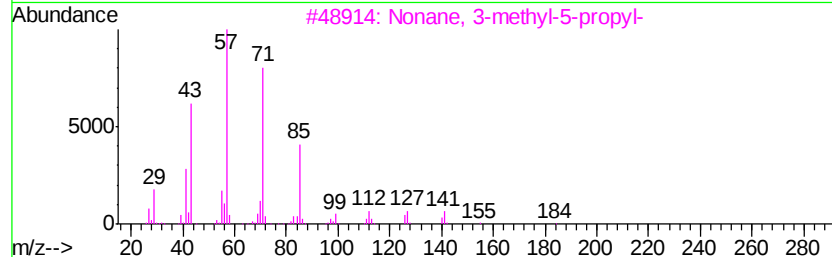
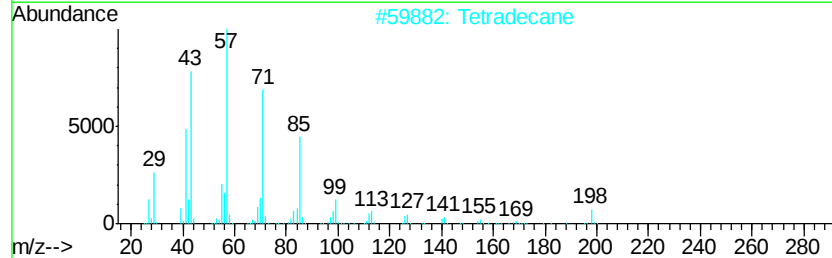
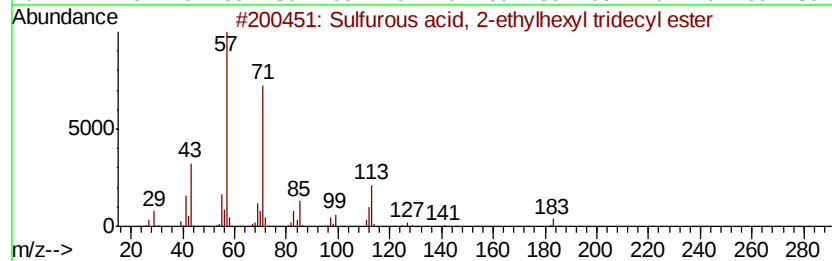
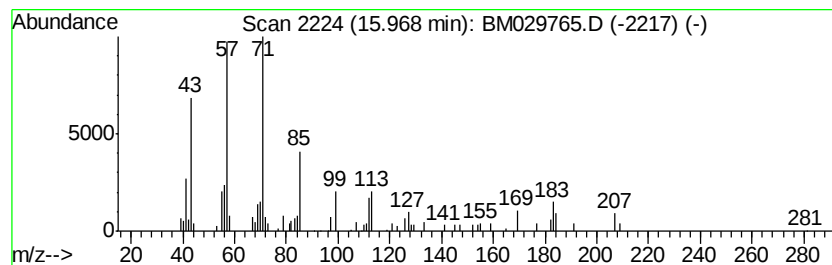
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.37 ng/ul	74946	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
2		Tetradecane	198	C14H30	000629-59-4	70
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	58



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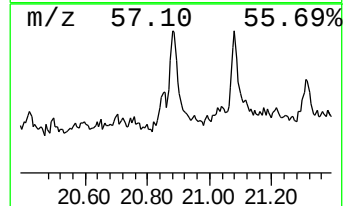
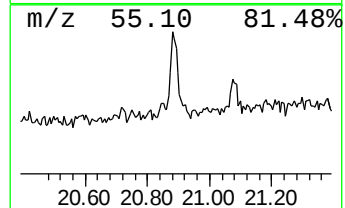
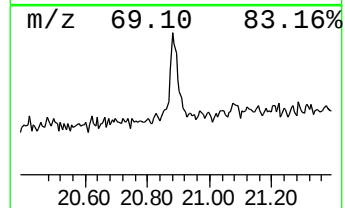
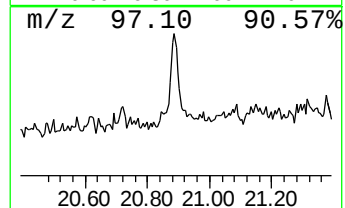
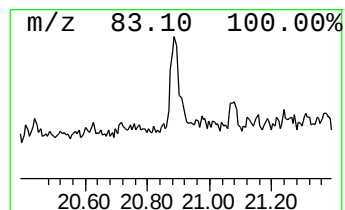
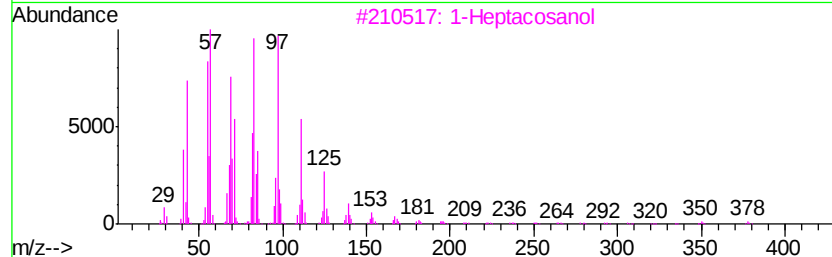
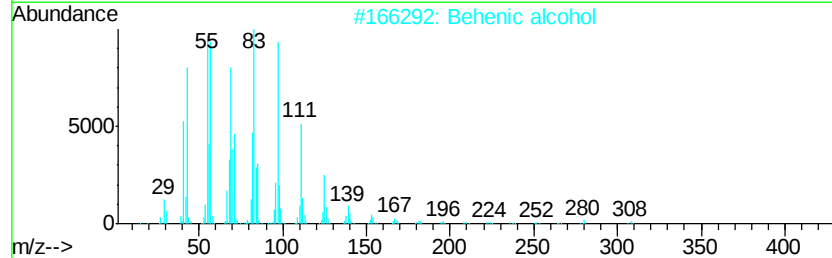
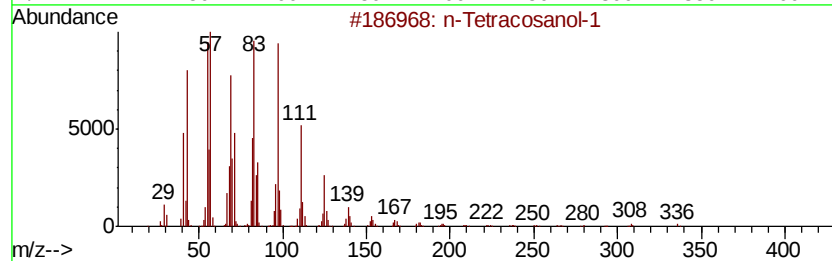
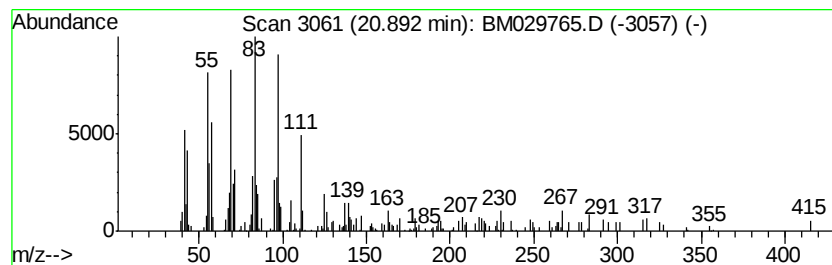
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Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.15 ng/ul	91968	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	94
4		Octacosanol	410	C28H58O	000557-61-9	90
5		1-Nonadecene	266	C19H38	018435-45-5	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, 2...	15.97	2.4	ng/ul	74946	4	16.97	632330	20.0
n-Tetracosanol-1	20.89	2.1	ng/ul	91968	5	21.15	854928	20.0