

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028553.D
 Acq On : 30 Aug 2017 14:47
 Operator : SJ/JU
 Sample : I4917-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B54

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.753	25	28	33	rBV4	1617	2878	0.18%	0.018%
2	3.824	35	40	48	rVB5	10239	20279	1.28%	0.129%
3	4.435	141	144	150	rVB6	2324	4248	0.27%	0.027%
4	4.758	195	199	205	rBV4	3308	5493	0.35%	0.035%
5	5.163	264	268	270	rBV4	1915	2353	0.15%	0.015%
6	5.392	302	307	311	rBV3	1085	2361	0.15%	0.015%
7	5.445	311	316	317	rBV2	1548	2061	0.13%	0.013%
8	5.827	379	381	386	rVB3	1785	2138	0.13%	0.014%
9	6.033	414	416	419	rBV	1847	2457	0.15%	0.016%
10	6.415	475	481	489	rVB4	2151	5329	0.34%	0.034%
11	6.556	500	505	510	rBV3	2190	3976	0.25%	0.025%
12	6.620	511	516	521	rVB2	1547	2330	0.15%	0.015%
13	7.496	656	665	679	rBV	211600	418348	26.35%	2.665%
14	7.654	685	692	704	rBV	152090	264204	16.64%	1.683%
15	7.878	720	730	743	rBV	204577	362451	22.83%	2.309%
16	8.265	792	796	800	rVB2	1636	2496	0.16%	0.016%
17	8.342	800	809	821	rBV	118079	207304	13.06%	1.321%
18	8.553	839	845	848	rBV	1789	3218	0.20%	0.021%
19	8.683	862	867	872	rBV5	1949	3447	0.22%	0.022%
20	9.035	918	927	941	rBV2	254341	484119	30.49%	3.084%
21	9.394	985	988	998	rBV3	1142	2831	0.18%	0.018%
22	9.511	998	1008	1017	rBV	210808	390480	24.59%	2.488%
23	9.605	1021	1024	1038	rVB8	3877	12266	0.77%	0.078%
24	10.234	1120	1131	1148	rBV2	185566	358810	22.60%	2.286%
25	10.522	1178	1180	1185	rVB2	1372	2311	0.15%	0.015%
26	10.780	1215	1224	1234	rBV	256869	506839	31.92%	3.229%
27	11.003	1258	1262	1264	rBV	1491	2088	0.13%	0.013%
28	11.162	1280	1289	1300	rVB	164622	306332	19.29%	1.952%
29	11.291	1300	1311	1325	rBV	246320	482864	30.41%	3.076%
30	12.466	1510	1511	1517	rBV2	1896	2670	0.17%	0.017%
31	12.519	1517	1520	1523	rVV2	1410	2072	0.13%	0.013%
32	12.602	1532	1534	1540	rBV	1741	2372	0.15%	0.015%
33	12.719	1550	1554	1561	rVB4	3339	5817	0.37%	0.037%
34	13.301	1647	1653	1658	rBV6	2362	5006	0.32%	0.032%

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35	13.542	1690	1694	1697	rBV2	2605	3889	0.24%	0.025%
36	13.600	1699	1704	1710	rBV5	3133	6349	0.40%	0.040%
37	13.736	1722	1727	1729	rBV3	1693	3077	0.19%	0.020%
38	13.800	1736	1738	1742	rBV3	1585	2255	0.14%	0.014%
39	13.888	1747	1753	1758	rBV2	2093	4500	0.28%	0.029%
40	14.135	1790	1795	1799	rBV2	1503	2736	0.17%	0.017%
41	14.341	1821	1830	1834	rBV	557897	835453	52.62%	5.322%
42	14.388	1834	1838	1848	rVB	155116	234600	14.78%	1.495%
43	14.646	1875	1882	1896	rVB	574971	926930	58.38%	5.905%
44	14.805	1902	1909	1916	rBV4	7803	13698	0.86%	0.087%
45	14.881	1920	1922	1925	rBV	2231	2901	0.18%	0.018%
46	14.952	1927	1934	1943	rVB2	270146	443711	27.95%	2.827%
47	15.152	1959	1968	1982	rBV	174623	375897	23.68%	2.395%
48	15.363	1999	2004	2007	rVB6	4434	7696	0.48%	0.049%
49	15.416	2008	2013	2018	rVB6	5399	9932	0.63%	0.063%
50	15.457	2018	2020	2022	rBV3	1815	2015	0.13%	0.013%
51	15.486	2022	2025	2028	rBV4	2033	3113	0.20%	0.020%
52	15.704	2059	2062	2064	rBV3	3447	3915	0.25%	0.025%
53	15.751	2066	2070	2077	rVB	18329	24759	1.56%	0.158%
54	15.804	2077	2079	2084	rVB5	2536	3448	0.22%	0.022%
55	15.939	2094	2102	2111	rBV	749180	1191141	75.02%	7.588%
56	16.062	2115	2123	2132	rBV	265789	439760	27.70%	2.802%
57	16.180	2137	2143	2149	rVB6	10758	27187	1.71%	0.173%
58	16.250	2150	2155	2160	rVV4	2434	4622	0.29%	0.029%
59	16.368	2174	2175	2181	rVB3	3240	2713	0.17%	0.017%
60	16.468	2185	2192	2195	rBV6	3443	5312	0.33%	0.034%
61	16.615	2211	2217	2227	rBV	23404	44468	2.80%	0.283%
62	16.814	2247	2251	2254	rVB6	3477	3944	0.25%	0.025%
63	16.955	2271	2275	2278	rBV6	3102	4710	0.30%	0.030%
64	17.026	2282	2287	2290	rVB5	3967	5926	0.37%	0.038%
65	17.073	2290	2295	2297	rBV4	5017	7066	0.45%	0.045%
66	17.120	2300	2303	2305	rVB4	3297	3010	0.19%	0.019%
67	17.190	2312	2315	2320	rVB3	3379	4548	0.29%	0.029%
68	17.408	2347	2352	2357	rBV3	12325	19393	1.22%	0.124%
69	17.701	2395	2402	2411	rBV	377647	581510	36.63%	3.705%
70	17.801	2411	2419	2428	rVV2	844125	1368543	86.20%	8.719%
71	17.878	2430	2432	2440	rVB7	5125	7704	0.49%	0.049%

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72	17.954	2442	2445	2452	rVB8	3411	6951	0.44%	0.044%
73	18.007	2452	2454	2456	rBV2	3926	3629	0.23%	0.023%
74	18.148	2473	2478	2482	rVB4	5889	7538	0.47%	0.048%
75	18.301	2502	2504	2505	rBV	4015	2566	0.16%	0.016%
76	18.324	2505	2508	2512	rBV3	6795	8845	0.56%	0.056%
77	18.548	2540	2546	2556	rBV3	90988	152705	9.62%	0.973%
78	18.830	2593	2594	2601	rVB5	5075	7383	0.47%	0.047%
79	19.705	2740	2743	2752	rBV7	11025	22845	1.44%	0.146%
80	19.776	2752	2755	2757	rBV4	4578	4543	0.29%	0.029%
81	19.811	2757	2761	2765	rBV6	12915	20853	1.31%	0.133%
82	19.946	2779	2784	2793	rBV2	92176	123318	7.77%	0.786%
83	20.075	2800	2806	2818	rVB	1042225	1587667	100.00%	10.115%
84	20.992	2959	2962	2968	rBV	46795	59302	3.74%	0.378%
85	21.062	2971	2974	2978	rBV6	9594	15867	1.00%	0.101%
86	21.603	3062	3066	3078	rBV6	22096	54991	3.46%	0.350%
87	22.032	3132	3139	3149	rBV	377116	697966	43.96%	4.447%
88	23.794	3433	3439	3444	rVB6	26198	54732	3.45%	0.349%
89	24.447	3546	3550	3560	rVB10	20403	40227	2.53%	0.256%
90	25.304	3684	3696	3711	rVB2	509720	1576797	99.32%	10.045%
91	25.481	3720	3726	3728	rBV5	21788	44599	2.81%	0.284%
92	25.545	3728	3737	3751	rVB2	214669	686814	43.26%	4.375%

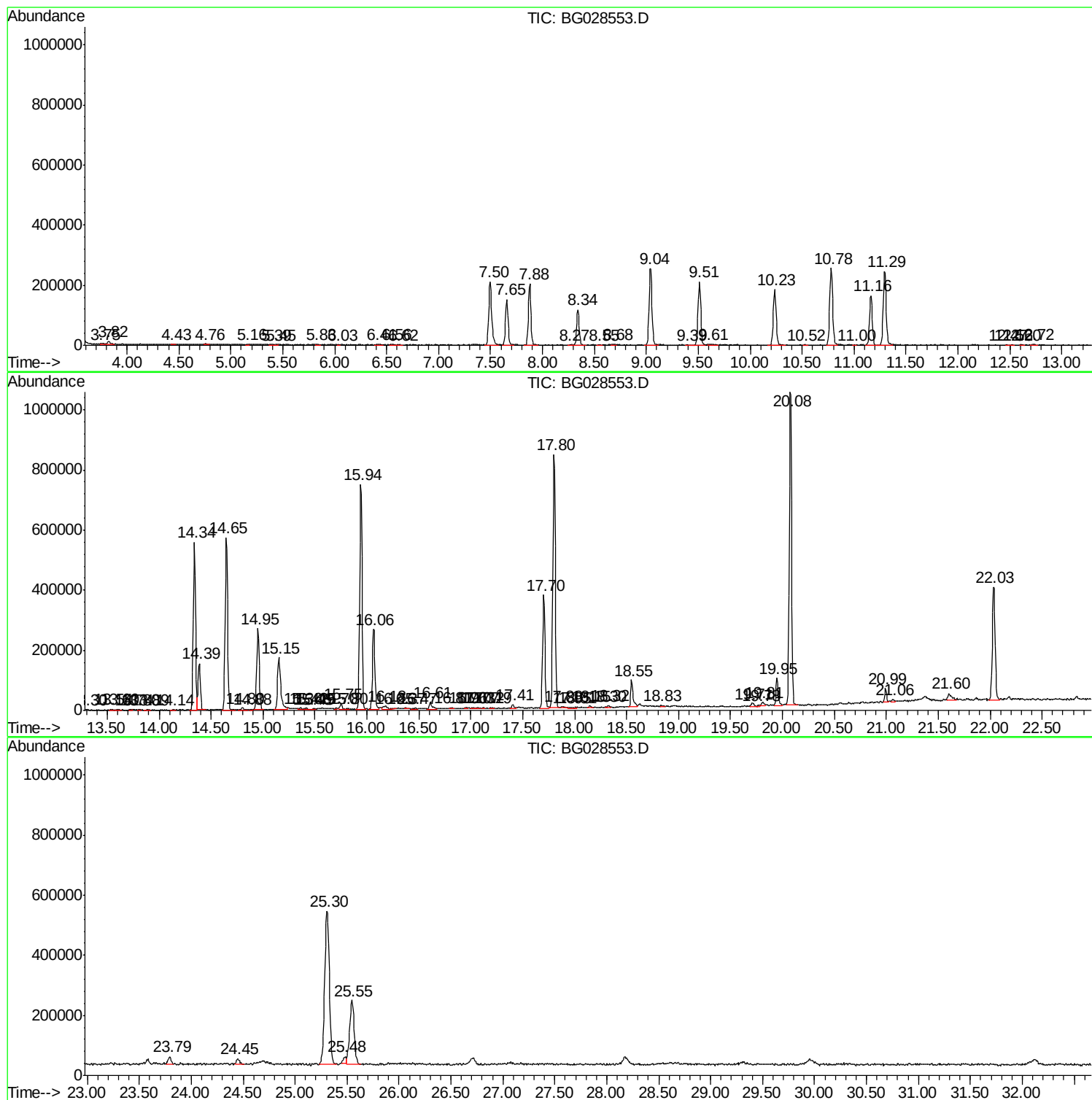
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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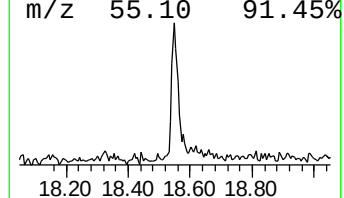
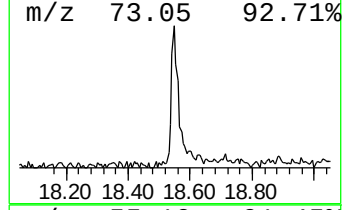
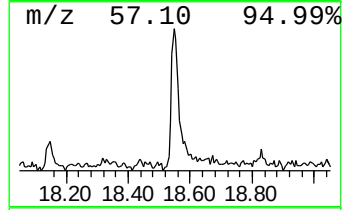
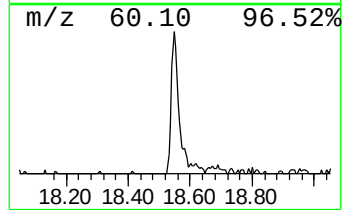
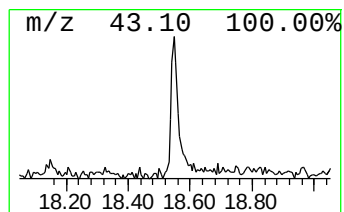
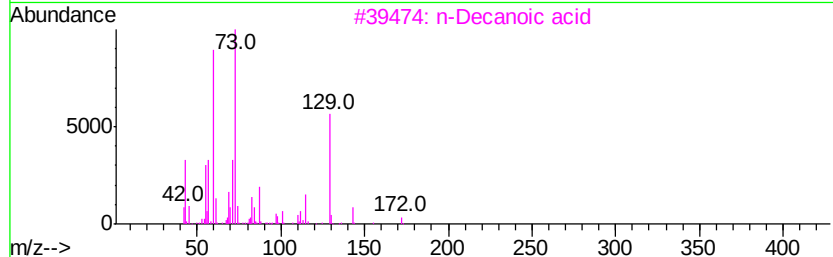
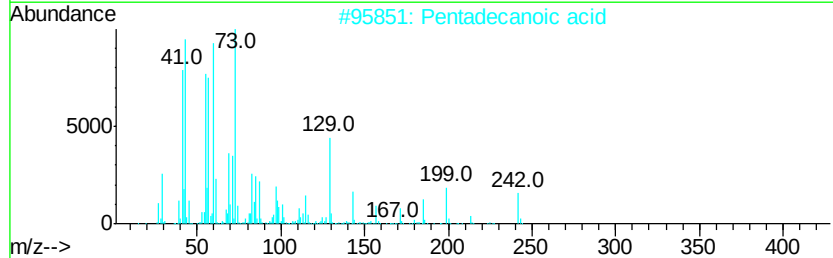
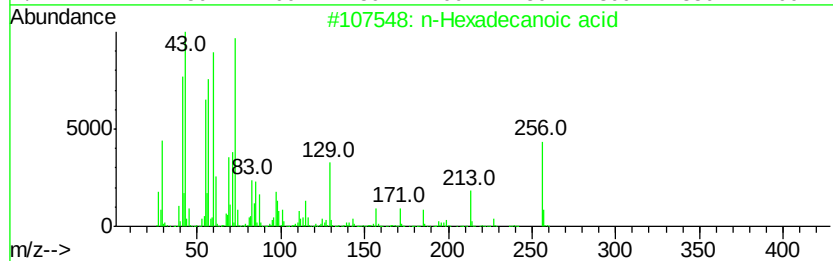
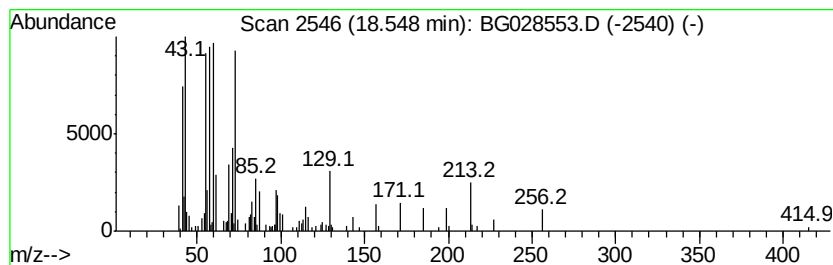
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	5.25 ng/ul	152705	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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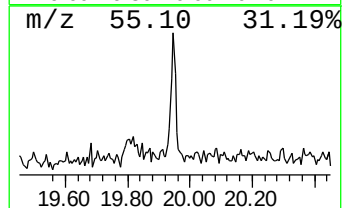
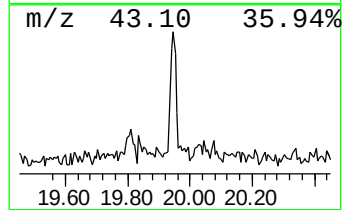
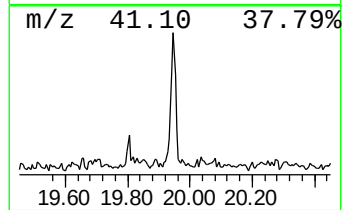
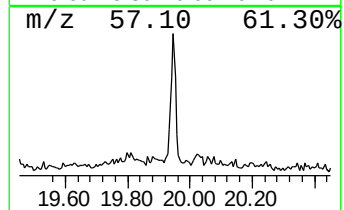
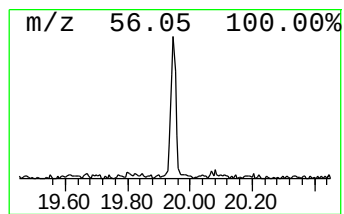
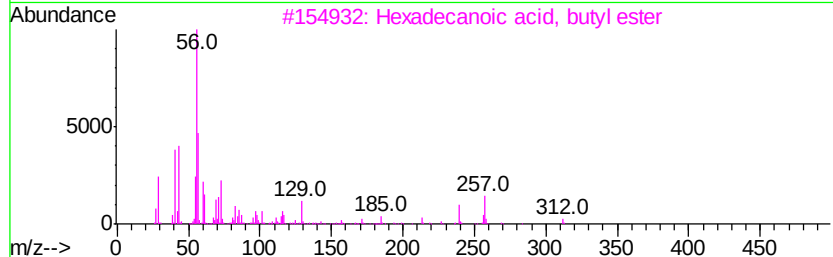
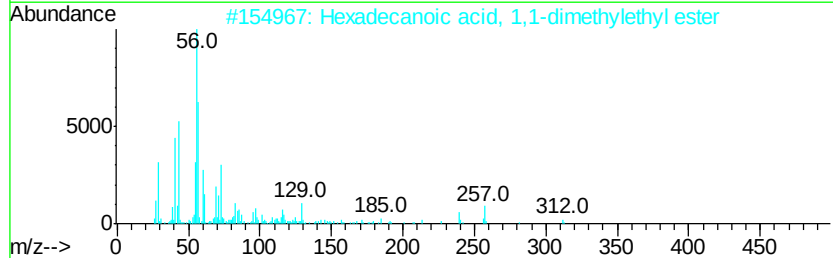
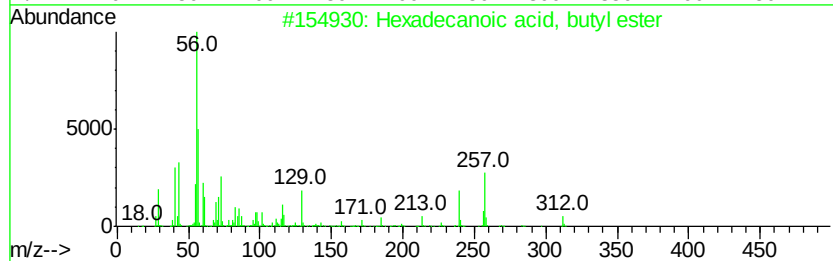
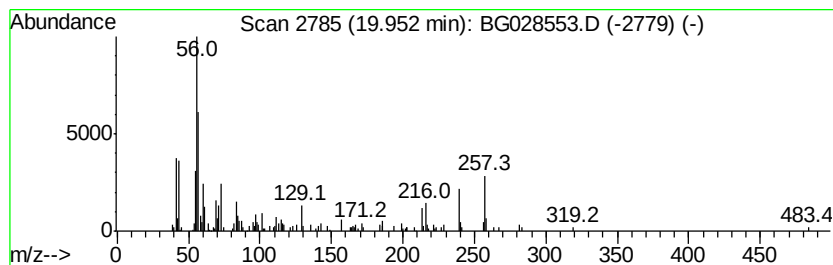
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	3.53 ng/ul	123318	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	76
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	38
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.55	5.3	ng/ul	152705	4	17.70	581510	20.0
Hexadecanoic acid...	19.95	3.5	ng/ul	123318	5	22.03	697966	20.0