

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027478.D
 Acq On : 16 Jun 2017 19:25
 Operator : SJ/MA
 Sample : I3600-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A13

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-BG061617.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	4.079	27	32	38	rVB	10411	17871	1.23%	0.118%
2	4.502	102	104	107	rBV3	2137	2033	0.14%	0.013%
3	4.549	109	112	116	rVB3	1659	2854	0.20%	0.019%
4	4.596	116	120	122	rBV3	1820	2755	0.19%	0.018%
5	4.613	122	123	132	rVV5	1863	4175	0.29%	0.028%
6	5.095	204	205	212	rVB5	1380	2268	0.16%	0.015%
7	5.365	250	251	257	rVB5	1718	2115	0.15%	0.014%
8	5.524	274	278	281	rVB4	1448	2119	0.15%	0.014%
9	5.600	288	291	299	rBV5	1203	2562	0.18%	0.017%
10	5.835	325	331	333	rVB6	1630	2509	0.17%	0.017%
11	5.935	343	348	357	rVB6	3205	7326	0.50%	0.048%
12	6.300	406	410	413	rBV5	1636	2149	0.15%	0.014%
13	6.394	424	426	433	rBV4	1413	2355	0.16%	0.016%
14	6.746	482	486	490	rVB5	1372	2117	0.15%	0.014%
15	6.940	511	519	528	rBV6	2151	4737	0.32%	0.031%
16	7.187	557	561	564	rVB5	1689	2282	0.16%	0.015%
17	7.328	583	585	588	rBV3	1700	2117	0.15%	0.014%
18	7.457	601	607	615	rBV4	6070	12133	0.83%	0.080%
19	7.586	625	629	630	rBV2	1579	2123	0.15%	0.014%
20	7.657	635	641	659	rBV2	31399	70806	4.86%	0.468%
21	7.833	661	671	686	rBV	118318	210689	14.45%	1.392%
22	7.927	686	687	694	rVB4	1637	2492	0.17%	0.016%
23	8.056	702	709	718	rBV	104117	201825	13.84%	1.333%
24	8.139	718	723	725	rVB5	1656	2705	0.19%	0.018%
25	8.221	734	737	742	rBV5	1686	3714	0.25%	0.025%
26	8.286	742	748	753	rVB5	1204	3010	0.21%	0.020%
27	8.521	781	788	800	rVB	183080	332716	22.82%	2.197%
28	8.738	814	825	826	rBV6	1724	3613	0.25%	0.024%
29	8.838	836	842	848	rBV5	2546	6494	0.45%	0.043%
30	9.026	868	874	877	rBV4	1461	2520	0.17%	0.017%
31	9.202	897	904	913	rVV	75469	139669	9.58%	0.922%
32	9.531	954	960	966	rBV6	913	2140	0.15%	0.014%
33	9.684	978	986	993	rBV	148867	282333	19.36%	1.865%
34	9.743	993	996	1004	rVB3	7366	14777	1.01%	0.098%

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35	9.825	1004	1010	1014	rBV5	2092	3916	0.27%	0.026%
36	9.995	1035	1039	1043	rBV5	1588	2800	0.19%	0.018%
37	10.048	1043	1048	1059	rVV7	1670	4760	0.33%	0.031%
38	10.407	1101	1109	1121	rVV	121906	237900	16.32%	1.571%
39	10.595	1136	1141	1147	rVV7	1844	3616	0.25%	0.024%
40	10.653	1147	1151	1154	rVB4	1447	2150	0.15%	0.014%
41	10.947	1194	1201	1212	rBV	173150	340170	23.33%	2.247%
42	11.165	1233	1238	1243	rBV7	1358	2191	0.15%	0.014%
43	11.259	1251	1254	1259	rVB4	1376	2060	0.14%	0.014%
44	11.341	1259	1268	1278	rVB	300454	566721	38.87%	3.743%
45	11.693	1322	1328	1330	rBV5	1688	3300	0.23%	0.022%
46	11.752	1334	1338	1341	rVB4	1380	2176	0.15%	0.014%
47	11.787	1341	1344	1347	rBV4	2257	2800	0.19%	0.018%
48	11.828	1348	1351	1353	rVB3	2798	2738	0.19%	0.018%
49	11.958	1367	1373	1375	rVB6	1478	2873	0.20%	0.019%
50	12.063	1384	1391	1396	rBV8	2184	4375	0.30%	0.029%
51	12.199	1410	1414	1421	rVB6	1507	2706	0.19%	0.018%
52	12.304	1426	1432	1433	rBV4	1973	2241	0.15%	0.015%
53	12.581	1475	1479	1484	rVB7	3581	7033	0.48%	0.046%
54	12.645	1488	1490	1493	rVB3	1975	2063	0.14%	0.014%
55	12.769	1505	1511	1516	rBV7	2584	5595	0.38%	0.037%
56	12.886	1527	1531	1536	rBV4	3462	5144	0.35%	0.034%
57	13.074	1556	1563	1568	rBV	6641	10889	0.75%	0.072%
58	13.162	1573	1578	1580	rBV3	1944	3267	0.22%	0.022%
59	13.233	1587	1590	1595	rBV5	1356	2082	0.14%	0.014%
60	13.309	1596	1603	1605	rBV6	1838	3214	0.22%	0.021%
61	13.356	1606	1611	1616	rVB8	3549	5834	0.40%	0.039%
62	13.456	1623	1628	1637	rBV9	5162	12276	0.84%	0.081%
63	13.526	1637	1640	1642	rBV3	2500	2824	0.19%	0.019%
64	13.703	1665	1670	1675	rBV5	8012	13522	0.93%	0.089%
65	13.744	1675	1677	1684	rVV5	3344	6412	0.44%	0.042%
66	13.808	1684	1688	1691	rVV5	1589	2623	0.18%	0.017%
67	13.891	1698	1702	1703	rBV4	2461	2908	0.20%	0.019%
68	13.973	1713	1716	1718	rBV3	2371	2864	0.20%	0.019%
69	14.067	1729	1732	1737	rVV6	1875	2918	0.20%	0.019%
70	14.202	1751	1755	1760	rVB7	2613	4062	0.28%	0.027%
71	14.255	1761	1764	1766	rBV4	2052	2659	0.18%	0.018%

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72	14.396	1787	1788	1794	rVB5	2710	4066	0.28%	0.027%
73	14.490	1797	1804	1809	rBV	416280	673741	46.21%	4.450%
74	14.537	1809	1812	1821	rVB	205297	316379	21.70%	2.090%
75	14.743	1845	1847	1849	rBV3	2277	2294	0.16%	0.015%
76	14.807	1849	1858	1867	rBV	404348	704453	48.32%	4.653%
77	14.966	1877	1885	1890	rVB	5074	10171	0.70%	0.067%
78	15.025	1891	1895	1896	rVV4	2219	2507	0.17%	0.017%
79	15.107	1900	1909	1918	rVB2	504972	857684	58.83%	5.665%
80	15.177	1920	1921	1927	rVB6	3946	5168	0.35%	0.034%
81	15.230	1927	1930	1933	rBV5	2493	3742	0.26%	0.025%
82	15.289	1933	1940	1948	rBV3	45835	103644	7.11%	0.685%
83	15.471	1968	1971	1973	rBV3	5660	6151	0.42%	0.041%
84	15.653	1997	2002	2004	rBV6	3237	4544	0.31%	0.030%
85	15.736	2015	2016	2018	rBV2	3366	2529	0.17%	0.017%
86	15.906	2041	2045	2052	rVB7	11492	17527	1.20%	0.116%
87	15.959	2052	2054	2058	rBV5	4760	5790	0.40%	0.038%
88	16.094	2070	2077	2088	rVB	606586	959737	65.83%	6.339%
89	16.194	2088	2094	2106	rBV	237632	406626	27.89%	2.686%
90	16.335	2114	2118	2125	rVB9	8399	15155	1.04%	0.100%
91	16.770	2188	2192	2198	rBV5	20353	43758	3.00%	0.289%
92	17.557	2324	2326	2332	rVB4	15371	21868	1.50%	0.144%
93	17.863	2370	2378	2386	rBV2	642809	1074254	73.68%	7.095%
94	17.957	2387	2394	2406	rVB2	610595	1066638	73.16%	7.045%
95	18.697	2516	2520	2526	rBV2	113354	189428	12.99%	1.251%
96	19.960	2730	2735	2741	rBV6	146847	338437	23.21%	2.235%
97	20.230	2775	2781	2788	rBV	851117	1391906	95.47%	9.193%
98	22.234	3116	3122	3137	rVB	717101	1457956	100.00%	9.629%
99	25.636	3693	3701	3715	rVB2	442570	1429818	98.07%	9.443%
100	25.894	3736	3745	3759	rVB2	398764	1379187	94.60%	9.109%

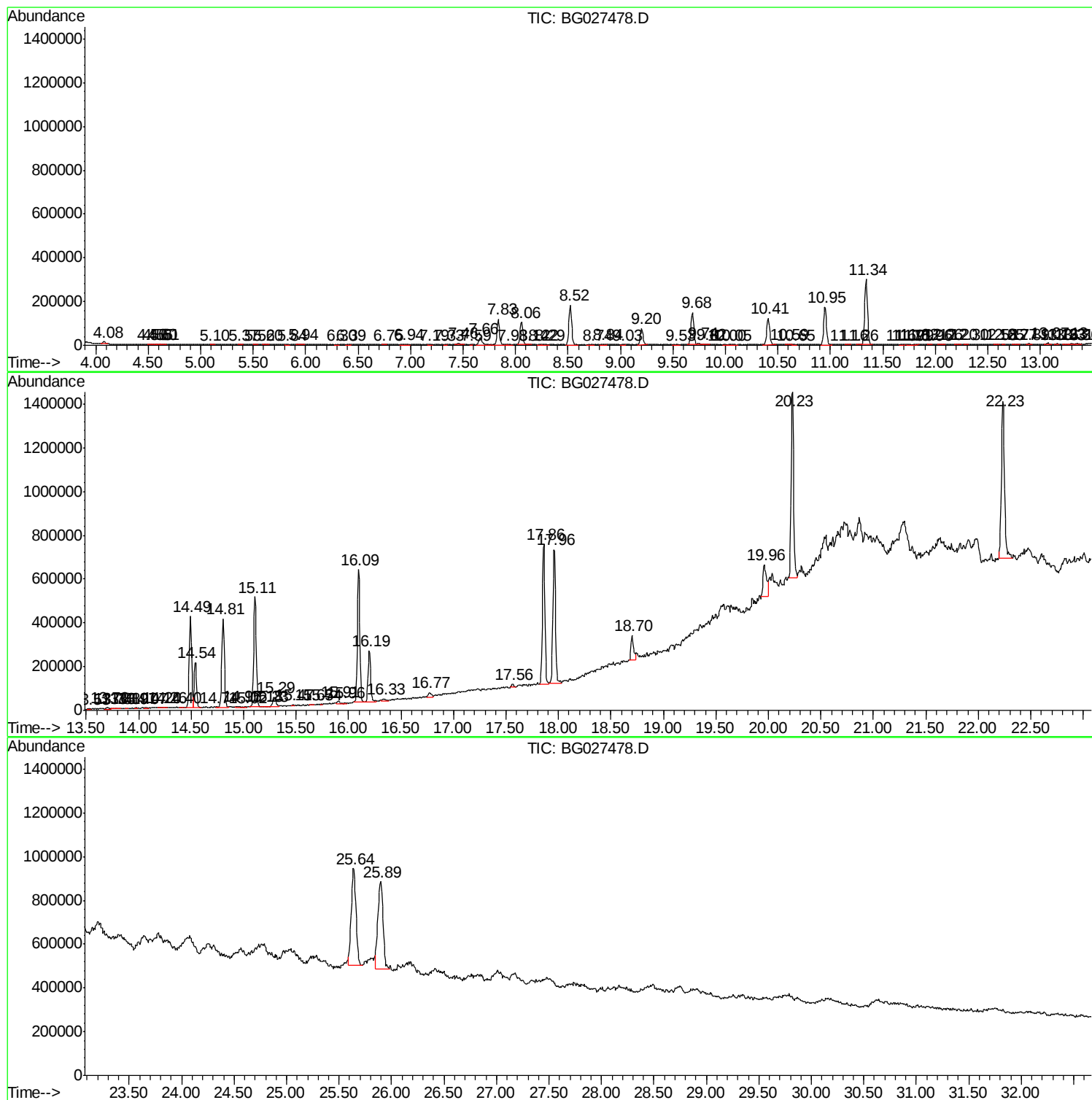
Sum of corrected areas: 15140943

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



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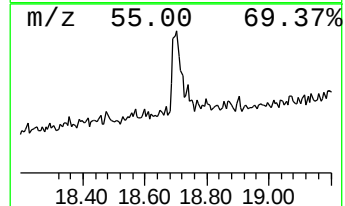
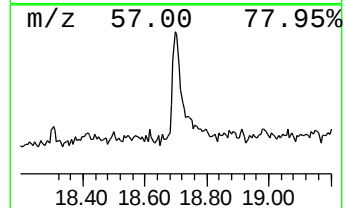
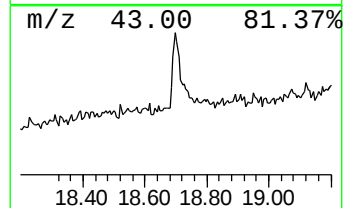
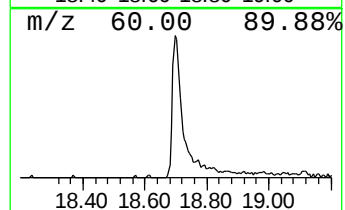
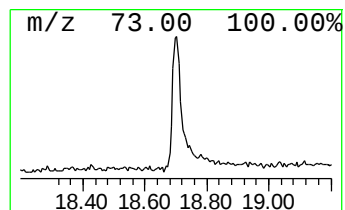
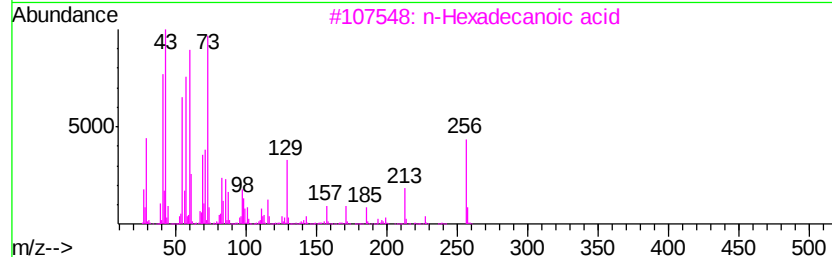
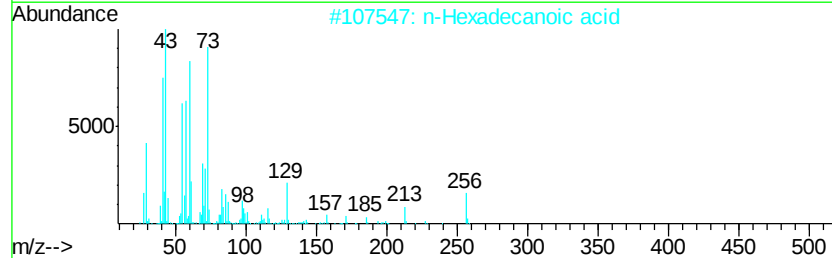
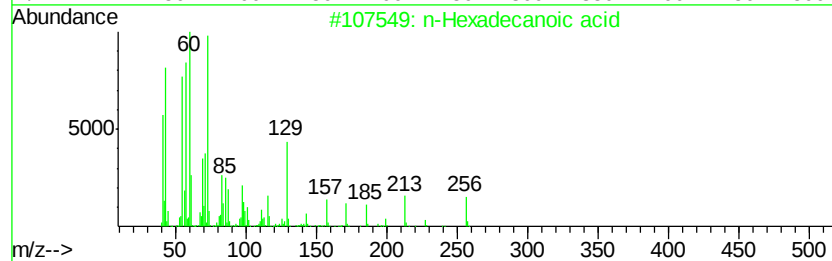
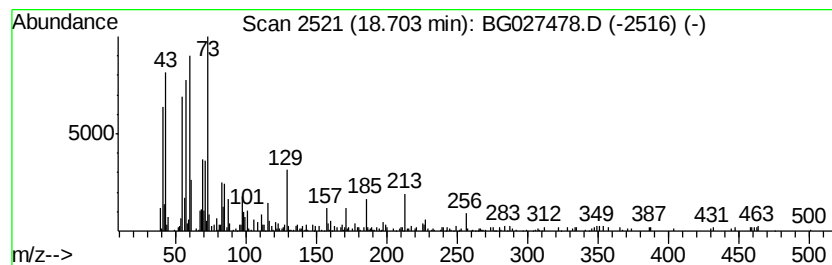
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.53 ng/ul	189428	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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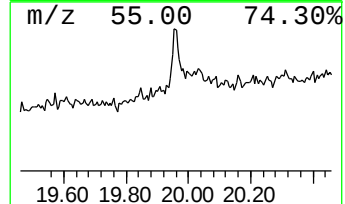
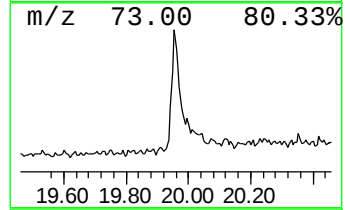
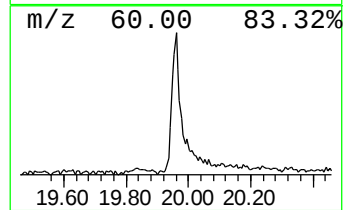
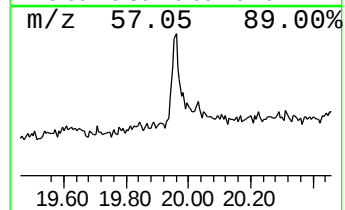
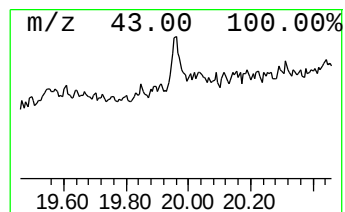
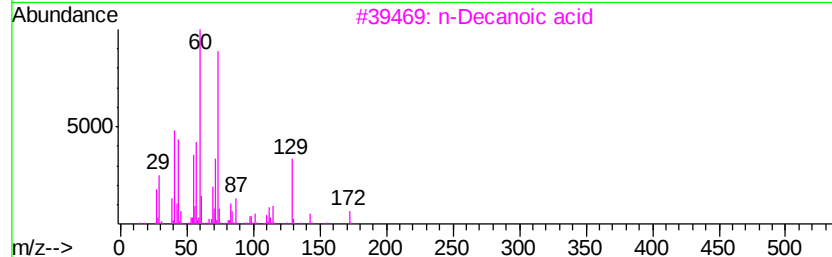
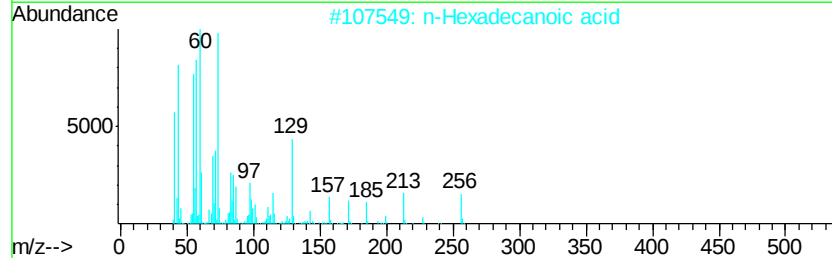
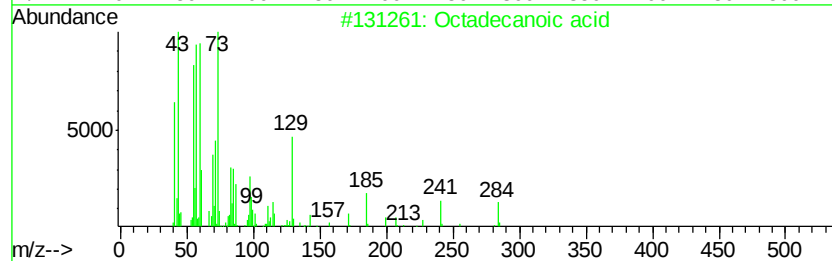
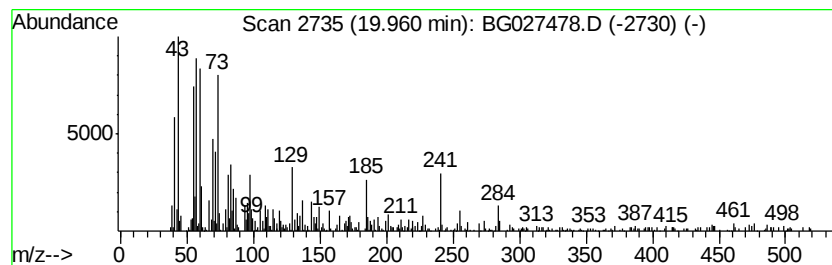
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.96	6.30 ng/ul	338437	Phenanthrene-d10		17.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3			n-Decanoic acid	172	C10H20O2	000334-48-5	76
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Undecanoic acid	186	C11H22O2	000112-37-8	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.70	3.5	ng/ul	189428	4	17.86	1074250	20.0
Octadecanoic acid	19.96	6.3	ng/ul	338437	4	17.86	1074250	20.0