

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022814.D
 Acq On : 3 Jul 2016 4:28
 Operator : UM/SJ
 Sample : H3818-18
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHW7

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.827	164	168	169	rBV3	11049	13757	0.26%	0.023%
2	4.784	329	331	335	rVB5	7543	9377	0.18%	0.016%
3	5.777	498	500	504	rVB4	6687	6870	0.13%	0.012%
4	5.889	518	519	522	rBV3	6474	6768	0.13%	0.012%
5	6.277	583	585	588	rVB4	8835	8248	0.16%	0.014%
6	6.371	598	601	604	rVB4	7676	8112	0.16%	0.014%
7	6.612	640	642	646	rBV5	8558	9623	0.19%	0.016%
8	6.782	666	671	674	rVB6	9238	13514	0.26%	0.023%
9	7.305	753	760	770	rBV	627108	1170203	22.53%	1.990%
10	7.475	781	789	799	rVB	465218	820366	15.80%	1.395%
11	7.687	817	825	834	rBV	577497	1050523	20.23%	1.786%
12	8.157	898	905	917	rVB	596569	1107140	21.32%	1.882%
13	8.351	935	938	941	rBV4	4721	6971	0.13%	0.012%
14	8.533	964	969	973	rVB4	5845	8649	0.17%	0.015%
15	8.862	1017	1025	1034	rBV	812787	1455109	28.02%	2.474%
16	8.968	1041	1043	1048	rVB4	5331	7536	0.15%	0.013%
17	9.326	1097	1104	1113	rBV	647912	1142481	22.00%	1.942%
18	9.414	1115	1119	1125	rBV6	23860	38675	0.74%	0.066%
19	9.714	1167	1170	1176	rVB3	24589	39574	0.76%	0.067%
20	9.961	1210	1212	1215	rBV3	5806	7842	0.15%	0.013%
21	10.055	1220	1228	1236	rVV2	558857	1022789	19.69%	1.739%
22	10.196	1246	1252	1256	rBV5	29139	59530	1.15%	0.101%
23	10.595	1311	1320	1332	rBV	877796	1579376	30.41%	2.685%
24	10.983	1379	1386	1395	rVB	1019233	1791559	34.50%	3.046%
25	11.112	1401	1408	1420	rBV	790136	1433354	27.60%	2.437%
26	11.500	1471	1474	1477	rVB5	7868	8039	0.15%	0.014%
27	11.535	1477	1480	1483	rBV5	6321	8158	0.16%	0.014%
28	11.747	1510	1516	1523	rBV10	8238	26581	0.51%	0.045%
29	12.105	1572	1577	1579	rBV4	7990	13730	0.26%	0.023%
30	12.152	1582	1585	1589	rVB2	7723	14734	0.28%	0.025%
31	12.446	1634	1635	1639	rBV4	7967	8544	0.16%	0.015%
32	12.546	1648	1652	1653	rBV2	14154	15534	0.30%	0.026%
33	12.564	1653	1655	1660	rVB4	18489	18683	0.36%	0.032%
34	13.034	1731	1735	1738	rVB5	6441	9476	0.18%	0.016%

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022814.D
 Acq On : 3 Jul 2016 4:28
 Operator : UM/SJ
 Sample : H3818-18
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHW7

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Title : SVOA CALIBRATION

35	13.104	1744	1747	1750	rVB4	5070	6865	0.13%	0.012%
36	13.151	1750	1755	1758	rBV6	10021	18060	0.35%	0.031%
37	13.216	1764	1766	1769	rVB4	8249	8964	0.17%	0.015%
38	13.298	1778	1780	1784	rBV4	6367	8121	0.16%	0.014%
39	13.398	1793	1797	1800	rVB4	11879	17351	0.33%	0.030%
40	13.498	1811	1814	1815	rBV2	7712	8092	0.16%	0.014%
41	13.603	1825	1832	1835	rVB6	12356	19581	0.38%	0.033%
42	13.668	1838	1843	1848	rVB6	12316	23927	0.46%	0.041%
43	14.050	1904	1908	1910	rBV3	7043	7964	0.15%	0.014%
44	14.074	1910	1912	1915	rBV4	6409	8215	0.16%	0.014%
45	14.191	1925	1932	1936	rBV	1835148	2717624	52.33%	4.621%
46	14.238	1936	1940	1946	rVV	1038001	1481171	28.52%	2.518%
47	14.291	1946	1949	1954	rVB6	8232	11012	0.21%	0.019%
48	14.373	1959	1963	1966	rVB5	6468	7625	0.15%	0.013%
49	14.491	1976	1983	1992	rBV	1848576	2879000	55.43%	4.895%
50	14.667	2007	2013	2018	rVB2	48770	68308	1.32%	0.116%
51	14.796	2029	2035	2045	rVB2	1816654	3031342	58.37%	5.154%
52	14.925	2054	2057	2059	rBV3	6329	8022	0.15%	0.014%
53	14.990	2061	2068	2081	rVV2	718302	1261237	24.28%	2.144%
54	15.113	2085	2089	2091	rBV5	12166	15653	0.30%	0.027%
55	15.225	2106	2108	2113	rVB4	14316	15322	0.30%	0.026%
56	15.278	2113	2117	2125	rBV9	15730	32812	0.63%	0.056%
57	15.354	2125	2130	2135	rBV6	13867	21689	0.42%	0.037%
58	15.454	2145	2147	2150	rVB4	9869	6887	0.13%	0.012%
59	15.619	2171	2175	2180	rVB2	85841	116703	2.25%	0.198%
60	15.660	2180	2182	2184	rBV3	7621	7781	0.15%	0.013%
61	15.719	2188	2192	2197	rBV8	8599	15622	0.30%	0.027%
62	15.789	2197	2204	2212	rBV	2658605	4010804	77.23%	6.819%
63	15.901	2217	2223	2230	rVV	750895	1127074	21.70%	1.916%
64	16.024	2237	2244	2249	rBV7	59478	111834	2.15%	0.190%
65	16.124	2257	2261	2267	rVB8	16896	26144	0.50%	0.044%
66	16.177	2267	2270	2275	rBV7	19151	32991	0.64%	0.056%
67	16.242	2278	2281	2286	rVB4	16417	26078	0.50%	0.044%
68	16.430	2310	2313	2317	rBV5	15020	21961	0.42%	0.037%
69	16.482	2318	2322	2332	rVB	104664	175327	3.38%	0.298%
70	16.653	2349	2351	2354	rBV4	10441	15266	0.29%	0.026%
71	16.747	2364	2367	2368	rBV3	18827	17499	0.34%	0.030%

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022814.D
 Acq On : 3 Jul 2016 4:28
 Operator : UM/SJ
 Sample : H3818-18
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHW7

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Title : SVOA CALIBRATION

72	16.823	2378	2380	2386	rVB7	18283	23273	0.45%	0.040%
73	16.917	2394	2396	2397	rBV2	15238	8899	0.17%	0.015%
74	16.994	2406	2409	2415	rVB7	17770	30436	0.59%	0.052%
75	17.276	2453	2457	2462	rBV	124217	153598	2.96%	0.261%
76	17.552	2497	2504	2512	rBV	2450142	3859329	74.31%	6.562%
77	17.652	2514	2521	2529	rVB	2776776	4275078	82.32%	7.269%
78	18.016	2580	2583	2588	rVB3	61042	72409	1.39%	0.123%
79	18.416	2647	2651	2658	rBV3	295394	417818	8.04%	0.710%
80	18.562	2674	2676	2679	rBV4	10385	8639	0.17%	0.015%
81	18.615	2683	2685	2686	rBV2	12020	10930	0.21%	0.019%
82	19.220	2786	2788	2790	rBV3	11282	9279	0.18%	0.016%
83	19.561	2844	2846	2849	rBV2	36686	38533	0.74%	0.066%
84	19.679	2863	2866	2874	rBV5	88813	131490	2.53%	0.224%
85	19.820	2888	2890	2895	rVB2	39456	41499	0.80%	0.071%
86	19.931	2902	2909	2919	rBV	3500279	5193518	100.00%	8.830%
87	21.459	3165	3169	3184	rBV3	146048	331705	6.39%	0.564%
88	21.853	3229	3236	3243	rBV	2666184	4533673	87.29%	7.708%
89	24.990	3759	3770	3784	rBV2	1674481	4932324	94.97%	8.386%
90	25.225	3801	3810	3825	rVB2	1567370	4412374	84.96%	7.502%

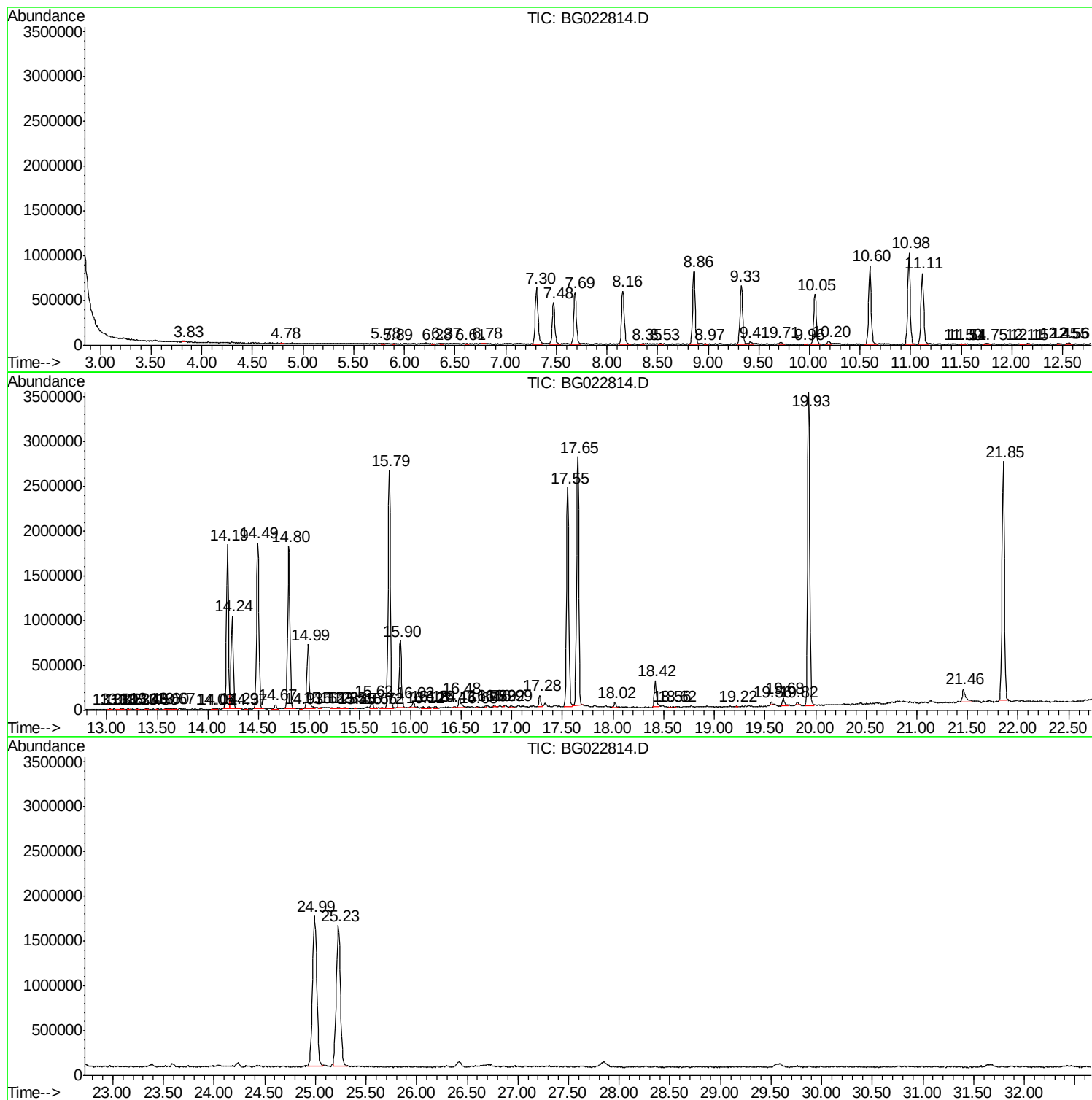
Sum of corrected areas: 58816157

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022814.D
Acq On : 3 Jul 2016 4:28
Operator : UM/SJ
Sample : H3818-18
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHW7

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022814.D
Acq On : 3 Jul 2016 4:28
Operator : UM/SJ
Sample : H3818-18
Misc :
ALS Vial : 54 Sample Multiplier: 1

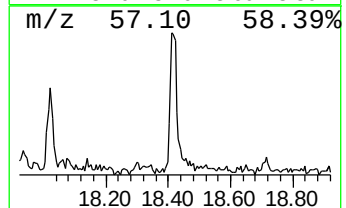
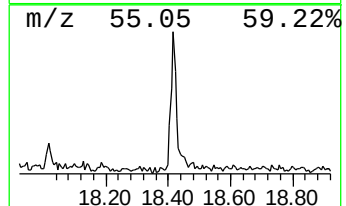
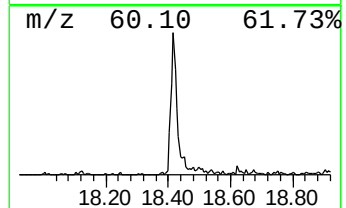
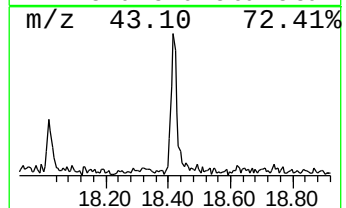
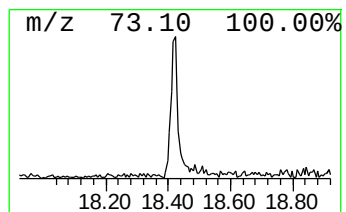
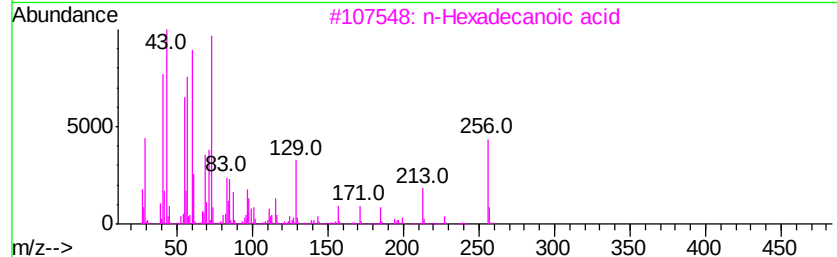
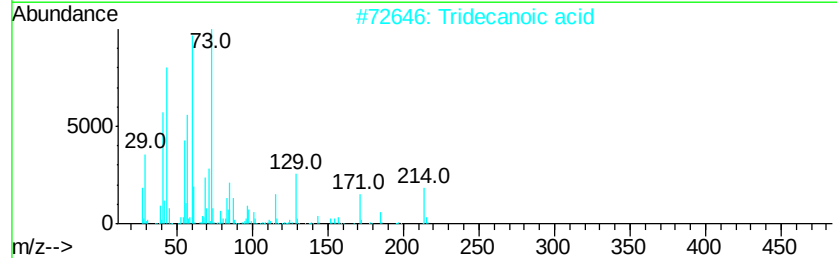
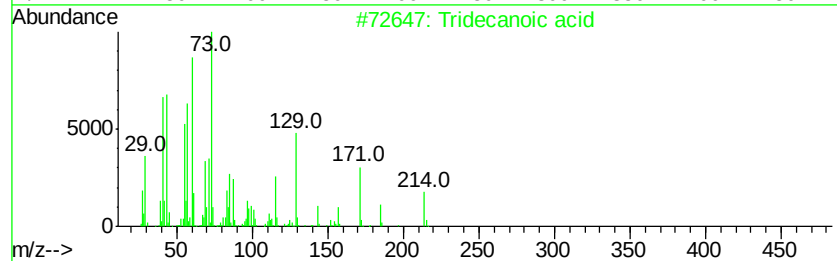
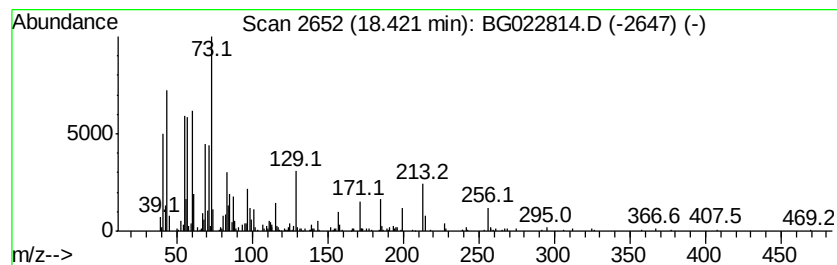
Instrument :
BNA_G
ClientSampleId :
BDHW7

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.17 ng/ul	417818	Phenanthrene-d10	17.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecanoic acid	214 C13H26O2	000638-53-9	97
2	Tridecanoic acid	214 C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	90
5	Tridecanoic acid	214 C13H26O2	000638-53-9	86



Data Path : U:\HPCHEM1\BNA_G\DATA\BG070216\
Data File : BG022814.D
Acq On : 3 Jul 2016 4:28
Operator : UM/SJ
Sample : H3818-18
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHW7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.42	2.2	ng/ul	417818	4	17.55	3859330	20.0