LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052752.D
Acq On : 19 Mar 2022 19:38
Operator : CG/JU
Sample : N1820-07
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBRZ7

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_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

Signal : TIC: BG052752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.981	97	101	111	rBV	111940	197007	18.33%	1.638%
2	5.032	278	280	281	rBV	2841	2048	0.19%	0.017%
3	5.226	310	313	314	rBV3	1824	1908	0.18%	0.016%
4	5.238	314	315	320	rVB3	3456	3220	0.30%	0.027%
5	6.272	489	491	492	rBV	2137	1510	0.14%	0.013%
6	7.288	657	664	673	rBV	171712	292653	27.23%	2.433%
7	7.370	675	678	681	rVB3	1661	1697	0.16%	0.014%
8	7.464	687	694	709	rBV	116945	207904	19.35%	1.728%
9	7.623	718	721	723	rBV4	1157	1482	0.14%	0.012%
10	7.676	723	730	740	rVB2	150613	266546	24.80%	2.216%
11	8.146	803	810	817	rVB	157317	271378	25.25%	2.256%
12	8.839	921	928	936	rVB	194705	336829	31.34%	2.800%
13	9.303	999	1007	1015	rBV	147529	267973	24.94%	2.227%
14	9.385	1019	1021	1023	rBV2	1205	1464	0.14%	0.012%
15	9.462	1033	1034	1037	rBV2	1727	1885	0.18%	0.016%
16	9.585	1051	1055	1059	rBV4	1241	2349	0.22%	0.020%
17	9.749	1079	1083	1088	rVB4	4465	7147	0.67%	0.059%
18	10.031	1122	1131	1139	rBV	121953	214970	20.00%	1.787%
19	10.572	1215	1223	1232	rBV	195863	352067	32.76%	2.926%
20	10.730	1246	1250	1252	rBV	1800	2165	0.20%	0.018%
21	10.960	1282	1289	1297	rVB	203869	384434	35.77%	3.195%
22	11.083	1297	1310	1319	rBV2	178094	338440	31.49%	2.813%
23	11.770	1423	1427	1429	rVB2	1217	1480	0.14%	0.012%
24	12.369	1525	1529	1533	rVB2	2747	4136	0.38%	0.034%
25	12.534	1551	1557	1562	rBV3	4533	7104	0.66%	0.059%
26	12.922	1620	1623	1627	rVB2	1063	1591	0.15%	0.013%
27	13.162	1662	1664	1669	rBV3	1331	1989	0.19%	0.017%
28	13.309	1686	1689	1694	rVB2	1679	3131	0.29%	0.026%
29	13.591	1733	1737	1743	rVB3	6413	9069	0.84%	0.075%
30	13.744	1757	1763	1766	rVB3	1027	2200	0.20%	0.018%
31	14.161	1828	1834	1841	rBV	358849	540086	50.26%	4.489%
32	14.396	1871	1874	1876	rBV3	2085	1649	0.15%	0.014%
33	14.461	1878	1885	1893	rVB	401544	634955	59.09%	5.278%
34	14.654	1913	1918	1924	rVB4	1898	3719	0.35%	0.031%
35	14.766	1930	1937	1945	rVB	339463	534436	49.73%	4.442%
36	14.931	1958	1965	1973	rBV	165064	256241	23.84%	2.130%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
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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_G\Methods\SFAM-EPA-BG031822.M
Title : SVOA CALIBRATION

37	15.160	2001	2004	2009	rBV2	1514	2172	0.20%	0.018%
38	15.354	2034	2037	2039	rBV2	1596	1791	0.17%	0.015%
39	15.559	2070	2072	2076	rVB2	2110	2458	0.23%	0.020%
40	15.606	2078	2080	2085	rVB4	1748	1811	0.17%	0.015%
41	15.753	2099	2105	2113	rBV	508604	802873	74.71%	6.673%
42	15.853	2116	2122	2129	rVB	127414	192193	17.88%	1.597%
43	16.000	2143	2147	2150	rVB4	2560	3299	0.31%	0.027%
44	16.164	2171	2175	2180	rVB3	1010	1705	0.16%	0.014%
45	16.476	2225	2228	2231	rVB2	1459	1557	0.14%	0.013%
46	16.899	2297	2300	2304	rVB3	1381	2299	0.21%	0.019%
47	16.975	2311	2313	2316	rVB2	1570	1741	0.16%	0.014%
48	17.227	2354	2356	2359	rBV3	1651	2518	0.23%	0.021%
49	17.257	2359	2361	2365	rVB3	1721	2091	0.19%	0.017%
50	17.509	2397	2404	2411	rBV	461856	693028	64.49%	5.760%
51	17.609	2414	2421	2428	rVV	584791	894373	83.23%	7.434%
52	17.680	2431	2433	2435	rVV2	4316	4182	0.39%	0.035%
53	17.721	2437	2440	2443	rBV2	1472	1604	0.15%	0.013%
54	18.167	2514	2516	2520	rVB3	5607	6819	0.63%	0.057%
55	18.244	2528	2529	2534	rBV2	1279	2505	0.23%	0.021%
56	18.385	2548	2553	2563	rBV2	69374	103766	9.66%	0.862%
57	18.537	2575	2579	2581	rBV2	3014	3401	0.32%	0.028%
58	18.825	2625	2628	2631	rBV5	2586	3124	0.29%	0.026%
59	19.054	2665	2667	2671	rBV5	2754	2859	0.27%	0.024%
60	19.166	2684	2686	2688	rBV3	3105	2933	0.27%	0.024%
61	19.248	2698	2700	2702	rVB3	2646	2034	0.19%	0.017%
62	19.331	2712	2714	2715	rBV2	3207	1638	0.15%	0.014%
63	19.454	2731	2735	2739	rBV4	9298	12304	1.14%	0.102%
64	19.536	2742	2749	2753	rBV3	16691	31527	2.93%	0.262%
65	19.654	2765	2769	2774	rBV4	19730	23801	2.21%	0.198%
66	19.889	2803	2809	2815	rBV	746679	1074637	100.00%	8.932%
67	21.428	3066	3071	3078	rBV2	165381	242722	22.59%	2.017%
68	21.798	3128	3134	3141	rVB	449242	769405	71.60%	6.395%
69	23.313	3386	3392	3400	rBV2	149389	298886	27.81%	2.484%
70	24.888	3651	3660	3670	rVB2	359925	995673	92.65%	8.276%
71	25.117	3691	3699	3709	rVB2	249216	682350	63.50%	5.672%

Sum of corrected areas: 12030941

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BNA_G
ClientSampleId :
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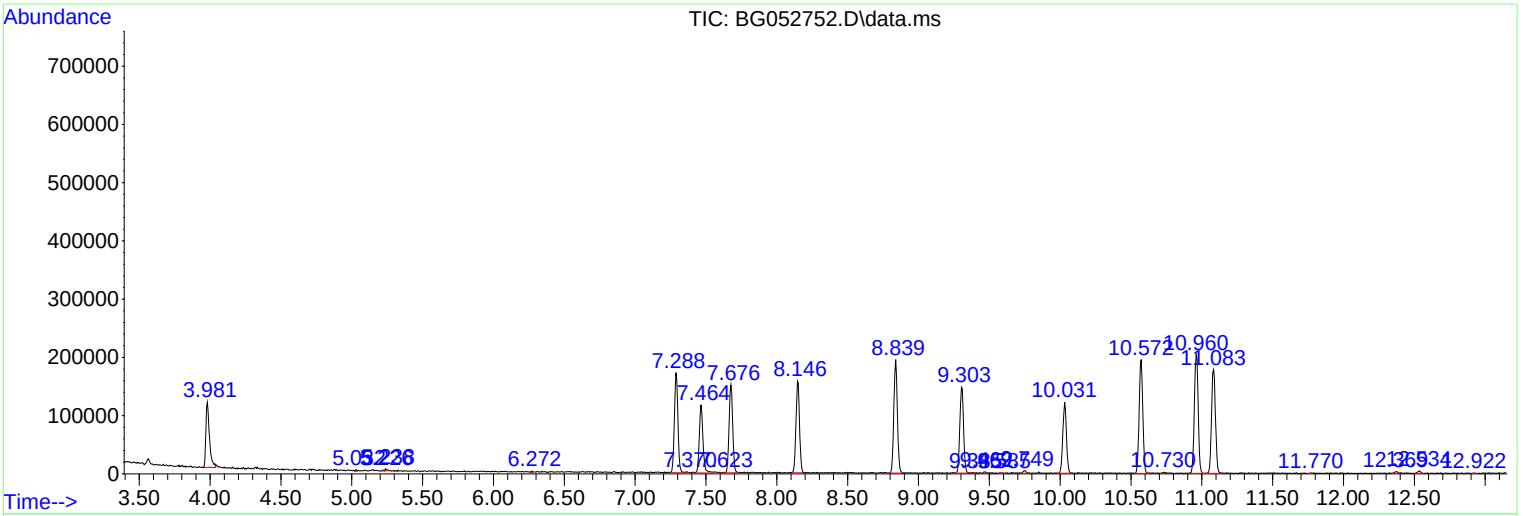
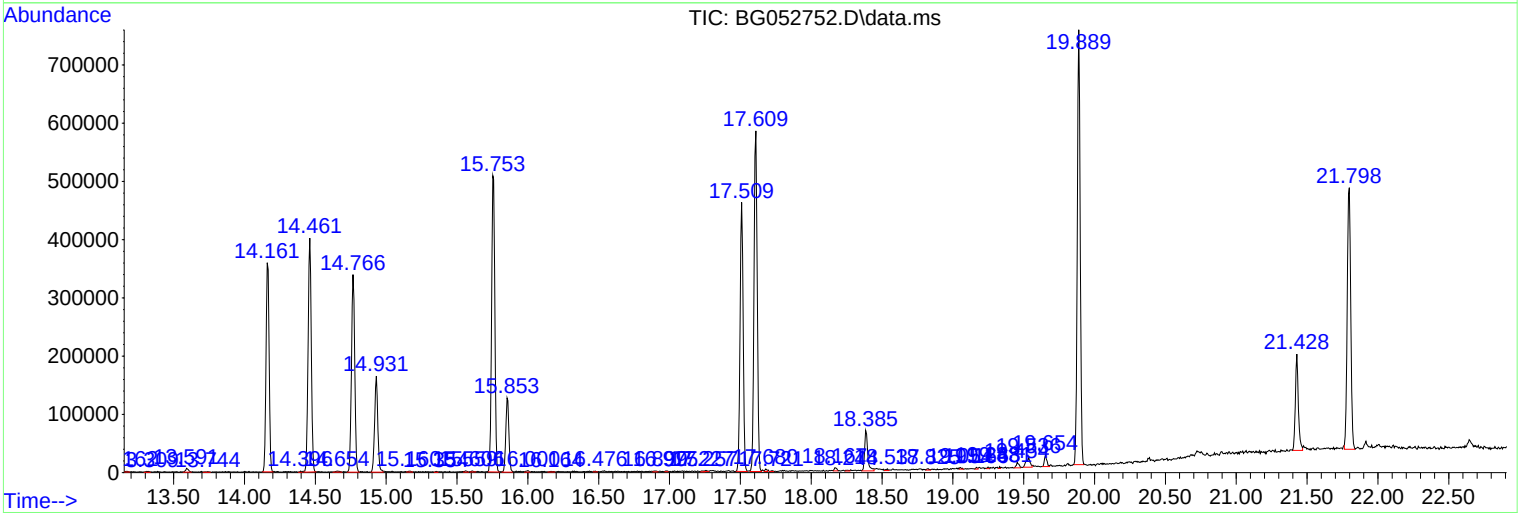
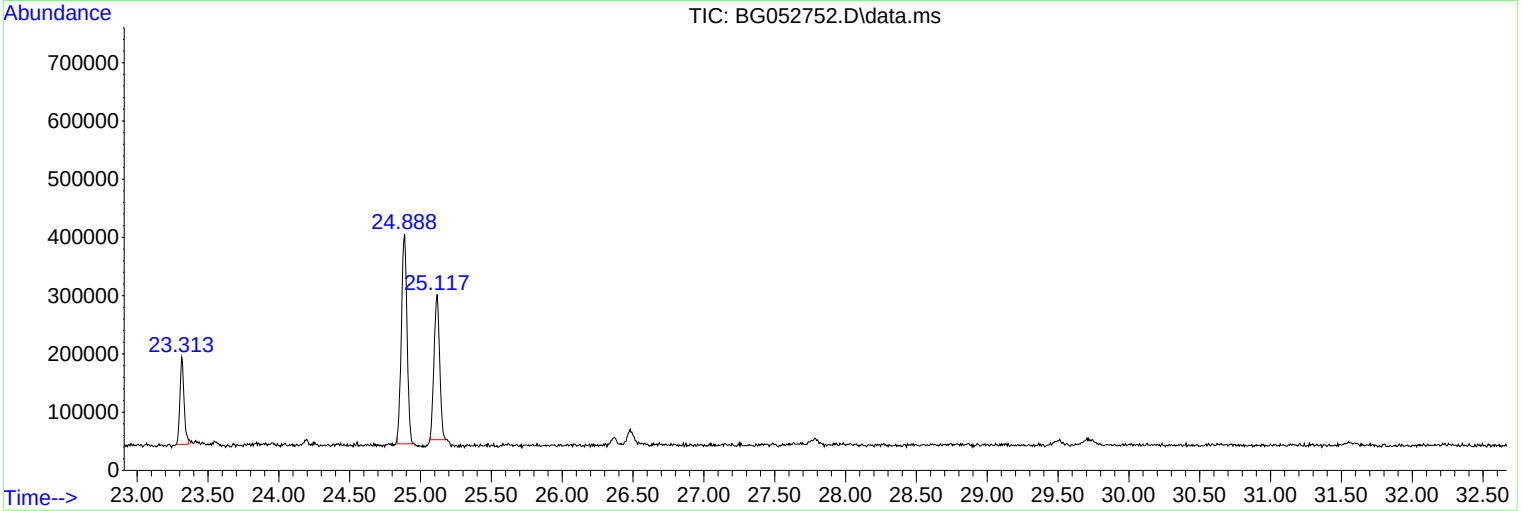
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P







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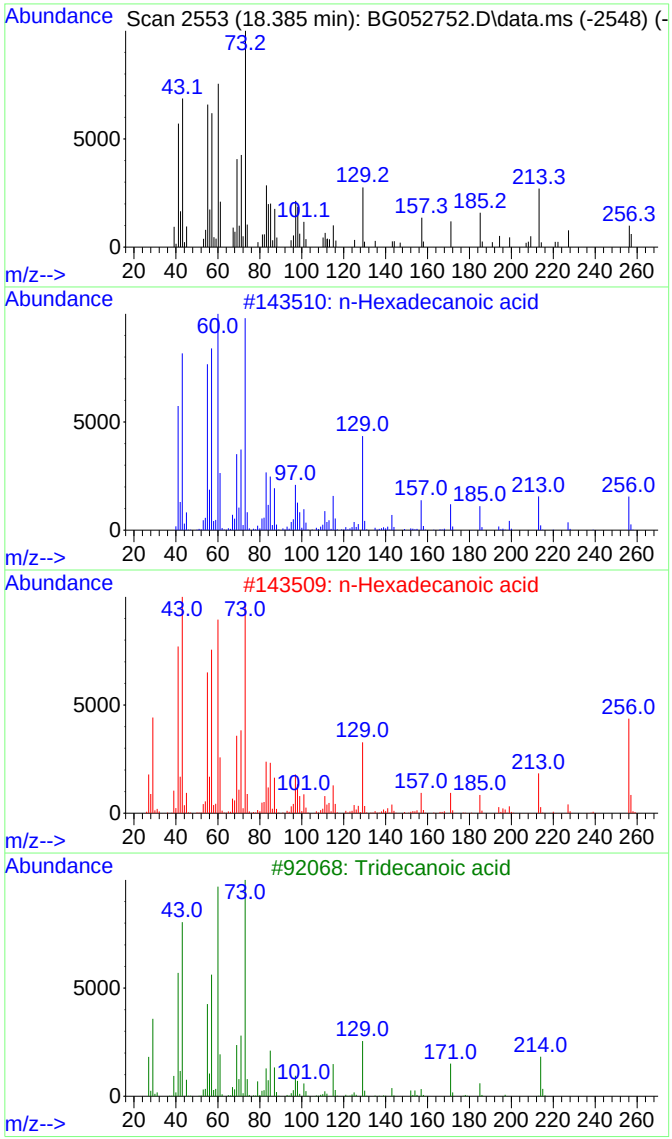
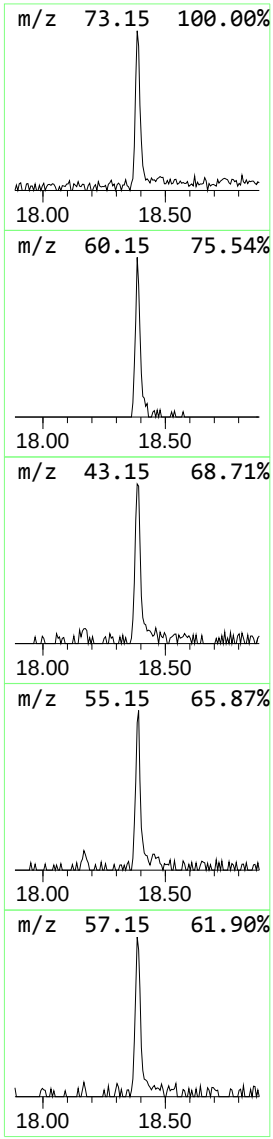
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	2.99 ng/ul	103766	Phenanthrene-d10	17.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





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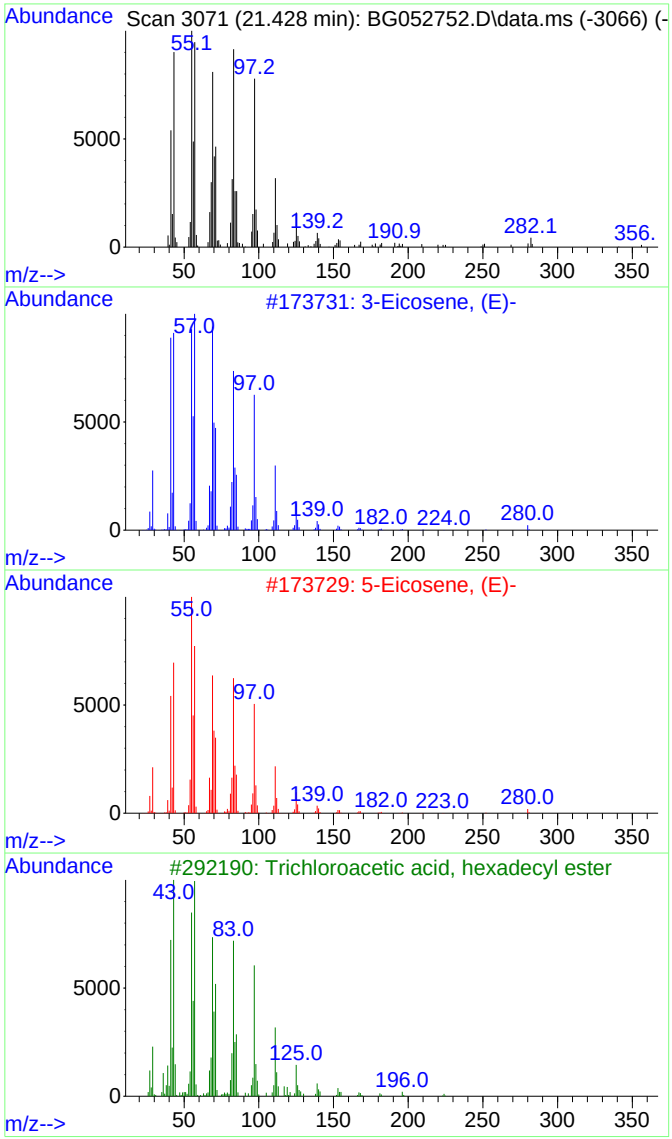
Quant Title : SVOA CALIBRATION

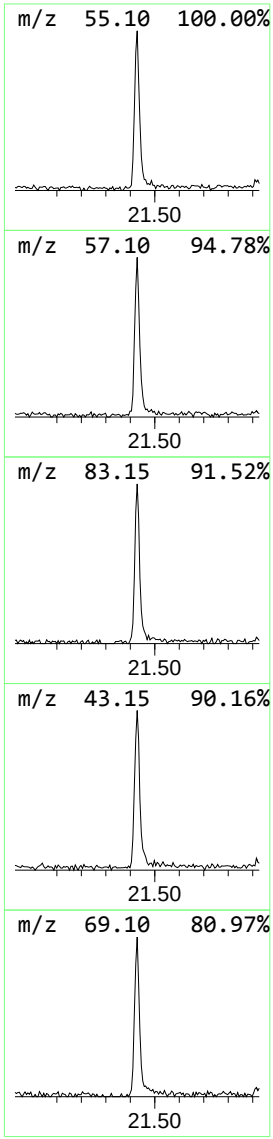
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	6.31 ng/ul	242722	Chrysene-d12	21.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Instrument :
BNA_G
ClientSampleId :
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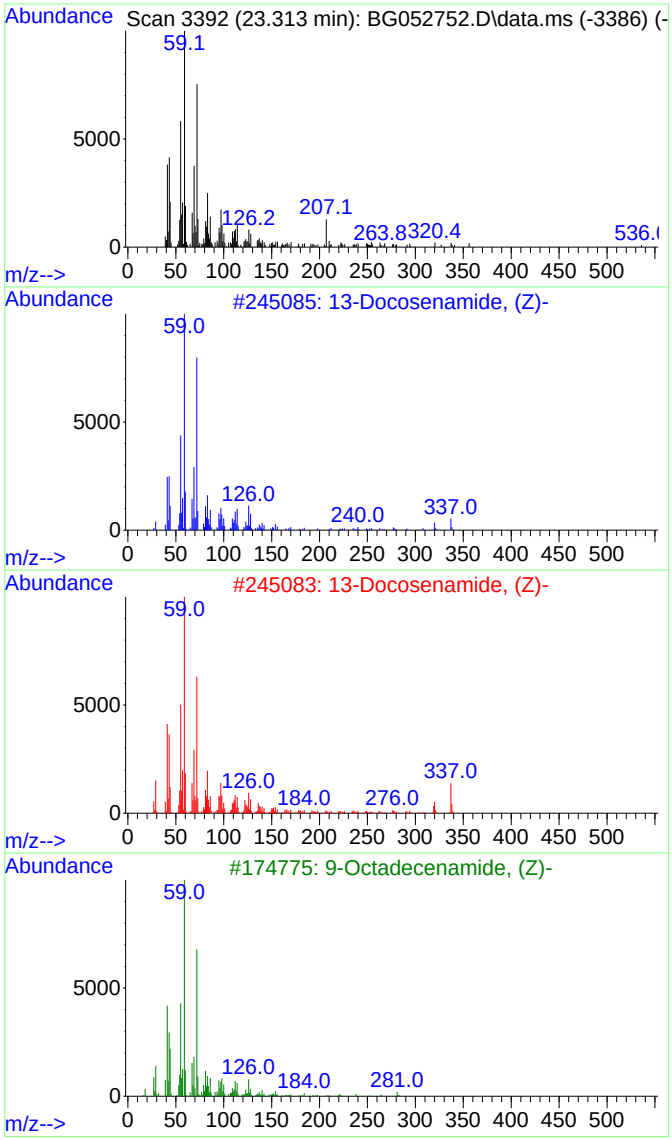
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

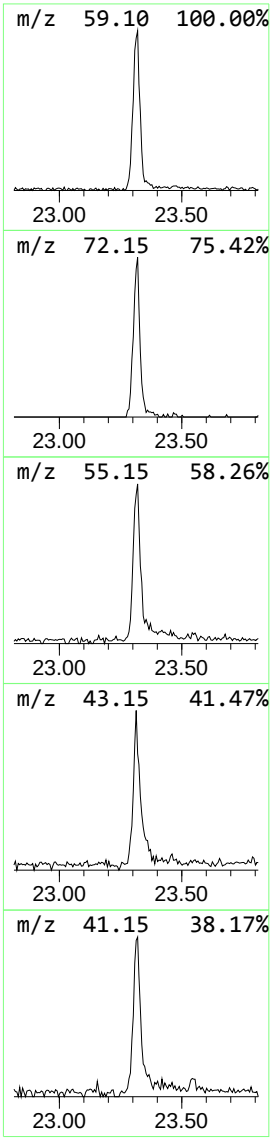
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.313	7.77 ng/ul	298886	Chrysene-d12	21.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	97
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5	Palmitoleamide	253	C16H31NO	106010-22-4	64





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.385	3.0	ng/ul	103766	4	17.509	693028	20.0
(DEL) Alkane: S...	21.428	6.3	ng/ul	242722	5	21.798	769405	20.0
13-Docosenamide...	23.313	7.8	ng/ul	298886	5	21.798	769405	20.0