LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
Data File : BG052149.D
Acq On : 26 Jan 2022 15:02
Operator : CG/JU
Sample : N1230-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0Q23

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-BG010622.M
Title : SVOA CALIBRATION

Signal : TIC: BG052149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.538	6	8	10	rBV3	4511	4789	0.47%	0.049%
2	3.996	83	86	100	rBV	26801	49385	4.84%	0.508%
3	4.349	141	146	149	rBV4	1752	3454	0.34%	0.036%
4	7.380	655	662	674	rBV3	27507	55438	5.44%	0.570%
5	7.544	682	690	697	rBV	85051	145355	14.25%	1.496%
6	7.768	721	728	735	rBV	88321	153302	15.03%	1.578%
7	8.237	801	808	815	rBV	82720	139010	13.63%	1.430%
8	8.942	921	928	936	rBV2	85141	142222	13.95%	1.464%
9	9.406	1000	1007	1016	rVB	115301	205284	20.13%	2.112%
10	9.524	1024	1027	1031	rBV2	1195	1722	0.17%	0.018%
11	9.824	1074	1078	1084	rBV3	3570	6079	0.60%	0.063%
12	10.141	1125	1132	1140	rVB	98434	172616	16.93%	1.776%
13	10.693	1218	1226	1237	rBV	142962	257021	25.20%	2.645%
14	10.822	1244	1248	1253	rBV3	2223	4180	0.41%	0.043%
15	11.075	1283	1291	1299	rBV	116239	208982	20.49%	2.150%
16	11.204	1306	1313	1322	rVB	105201	194413	19.06%	2.001%
17	12.332	1499	1505	1507	rVB2	1605	2284	0.22%	0.024%
18	12.438	1519	1523	1525	rBV2	2267	3354	0.33%	0.035%
19	12.467	1527	1528	1532	rVB2	2224	1969	0.19%	0.020%
20	12.649	1556	1559	1568	rVB4	3369	4825	0.47%	0.050%
21	13.213	1650	1655	1659	rBV3	1244	2495	0.24%	0.026%
22	13.266	1662	1664	1669	rVB3	1997	2454	0.24%	0.025%
23	13.401	1685	1687	1694	rVB2	2211	4228	0.41%	0.044%
24	13.483	1698	1701	1704	rVB	1410	1856	0.18%	0.019%
25	13.689	1732	1736	1740	rBV4	5400	7056	0.69%	0.073%
26	13.759	1745	1748	1750	rBV2	2243	2343	0.23%	0.024%
27	13.836	1756	1761	1762	rBV2	1206	1475	0.14%	0.015%
28	13.889	1767	1770	1778	rVV4	2638	4809	0.47%	0.049%
29	14.270	1829	1835	1841	rBV	342240	487829	47.83%	5.020%
30	14.505	1870	1875	1880	rBV6	3958	7385	0.72%	0.076%
31	14.576	1880	1887	1895	rVV	338785	535403	52.50%	5.509%
32	14.646	1897	1899	1902	rVB2	2073	1707	0.17%	0.018%
33	14.752	1913	1917	1922	rBV2	3492	4878	0.48%	0.050%
34	14.823	1928	1929	1932	rBV3	2295	2478	0.24%	0.025%
35	14.881	1932	1939	1947	rVB	213670	328296	32.19%	3.378%
36	14.958	1947	1952	1953	rBV	1319	2163	0.21%	0.022%

LSC Area Percent Report

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Sample : N1230-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0Q23

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-BG010622.M
Title : SVOA CALIBRATION

37	15.064	1966	1970	1978	rBV3	34722	58992	5.78%	0.607%
38	15.422	2027	2031	2036	rBV5	8454	13156	1.29%	0.135%
39	15.504	2036	2045	2050	rVB3	26612	44862	4.40%	0.462%
40	15.604	2058	2062	2065	rBV4	2392	3312	0.32%	0.034%
41	15.657	2067	2071	2072	rBV2	4110	4660	0.46%	0.048%
42	15.698	2076	2078	2083	rVB4	2445	3669	0.36%	0.038%
43	15.868	2099	2107	2116	rBV	463322	726739	71.26%	7.478%
44	15.974	2120	2125	2135	rVB2	168136	282576	27.71%	2.908%
45	16.221	2163	2167	2169	rBV3	2401	3070	0.30%	0.032%
46	16.262	2169	2174	2178	rBV5	3680	4886	0.48%	0.050%
47	16.327	2181	2185	2187	rBV5	2627	3496	0.34%	0.036%
48	16.362	2189	2191	2195	rVB3	2152	2492	0.24%	0.026%
49	16.403	2195	2198	2202	rBV6	1968	3800	0.37%	0.039%
50	16.462	2206	2208	2212	rVB4	2289	2808	0.28%	0.029%
51	16.503	2212	2215	2218	rBV5	3660	5492	0.54%	0.057%
52	16.538	2220	2221	2225	rVV4	4380	5424	0.53%	0.056%
53	16.591	2227	2230	2235	rVV6	8716	14346	1.41%	0.148%
54	16.655	2237	2241	2244	rVB6	1778	2866	0.28%	0.029%
55	16.685	2244	2246	2249	rBV3	1563	1717	0.17%	0.018%
56	16.744	2254	2256	2260	rVB5	4434	3782	0.37%	0.039%
57	17.002	2298	2300	2303	rBV4	2329	2370	0.23%	0.024%
58	17.073	2310	2312	2313	rBV	2841	2838	0.28%	0.029%
59	17.278	2337	2347	2356	rBV	559248	866416	84.95%	8.916%
60	17.407	2367	2369	2373	rVB5	5087	6434	0.63%	0.066%
61	17.519	2385	2388	2391	rVB5	7793	8986	0.88%	0.092%
62	17.631	2400	2407	2414	rBV	279839	429310	42.09%	4.418%
63	17.731	2417	2424	2432	rVB2	544389	844151	82.77%	8.687%
64	17.989	2464	2468	2472	rBV6	4806	9435	0.93%	0.097%
65	18.271	2512	2516	2522	rVB	58072	73679	7.22%	0.758%
66	18.494	2551	2554	2559	rBV6	9277	10787	1.06%	0.111%
67	19.434	2710	2714	2717	rVB2	40922	50374	4.94%	0.518%
68	20.010	2806	2812	2821	rVB	710228	1010800	99.11%	10.401%
69	21.942	3135	3141	3149	rVB	276327	483200	47.38%	4.972%
70	23.746	3444	3448	3456	rVB	29311	58839	5.77%	0.605%
71	24.492	3573	3575	3576	rBV2	4685	2037	0.20%	0.021%
72	25.185	3683	3693	3708	rVB2	337801	1019862	100.00%	10.495%
73	25.426	3724	3734	3745	rVB	167348	493672	48.41%	5.080%

Sum of corrected areas: 9717874

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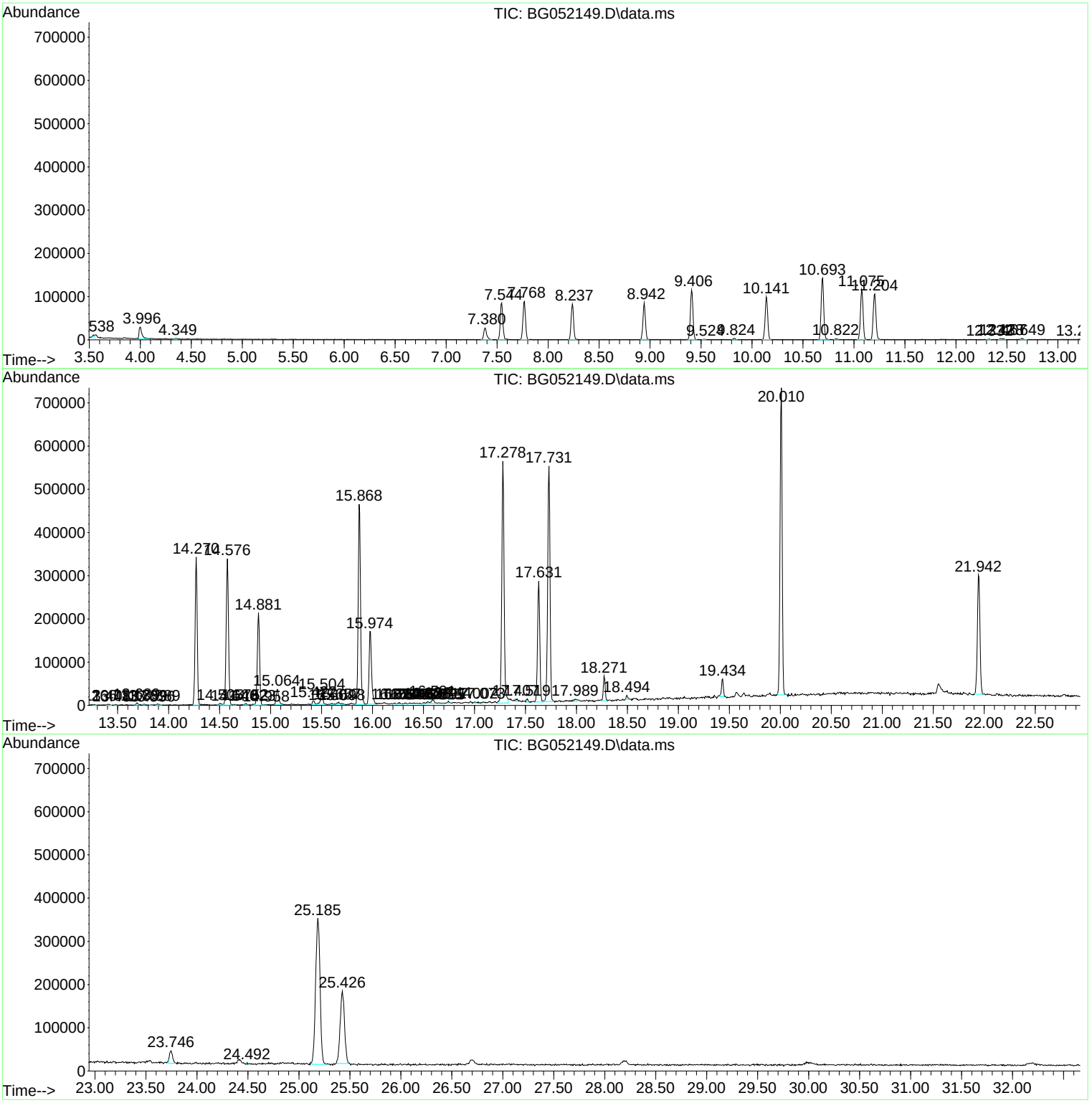
Instrument :
BNA_G
ClientSampleId :
C0Q23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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



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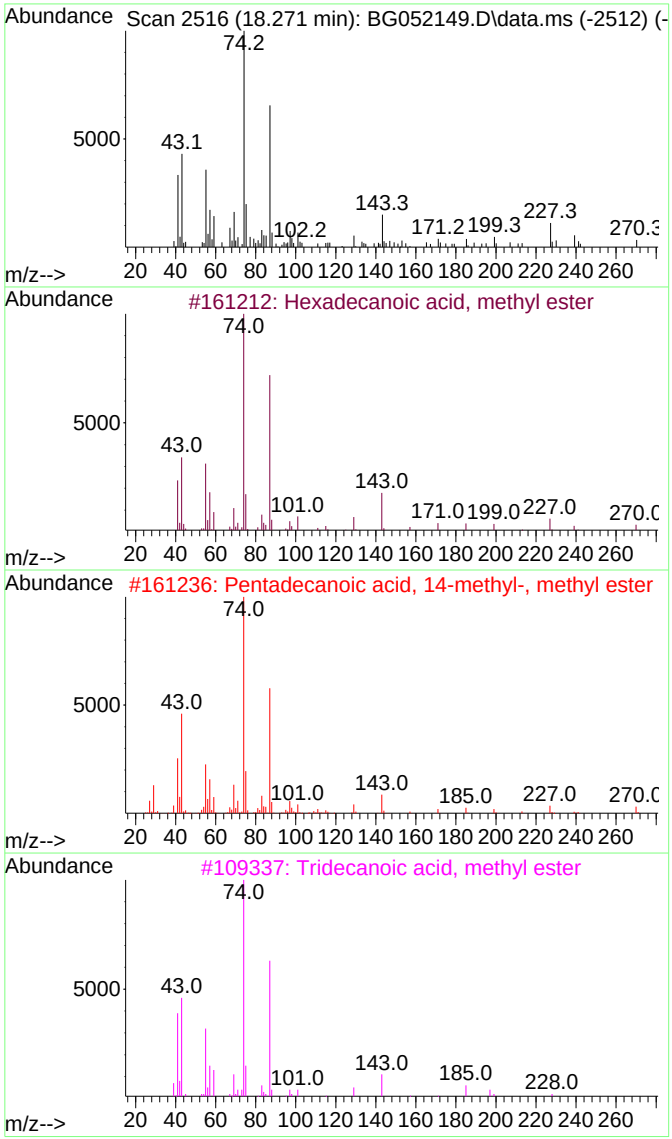
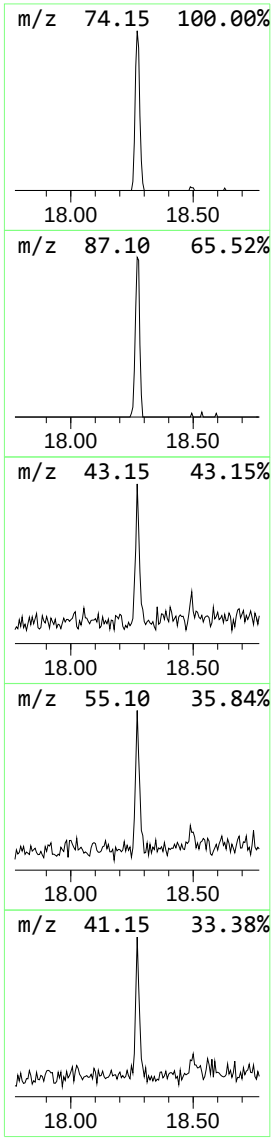
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.271	3.43 ng/ul	73679	Phenanthrene-d10	17.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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Instrument :
BNA_G
ClientSampleId :
C0Q23

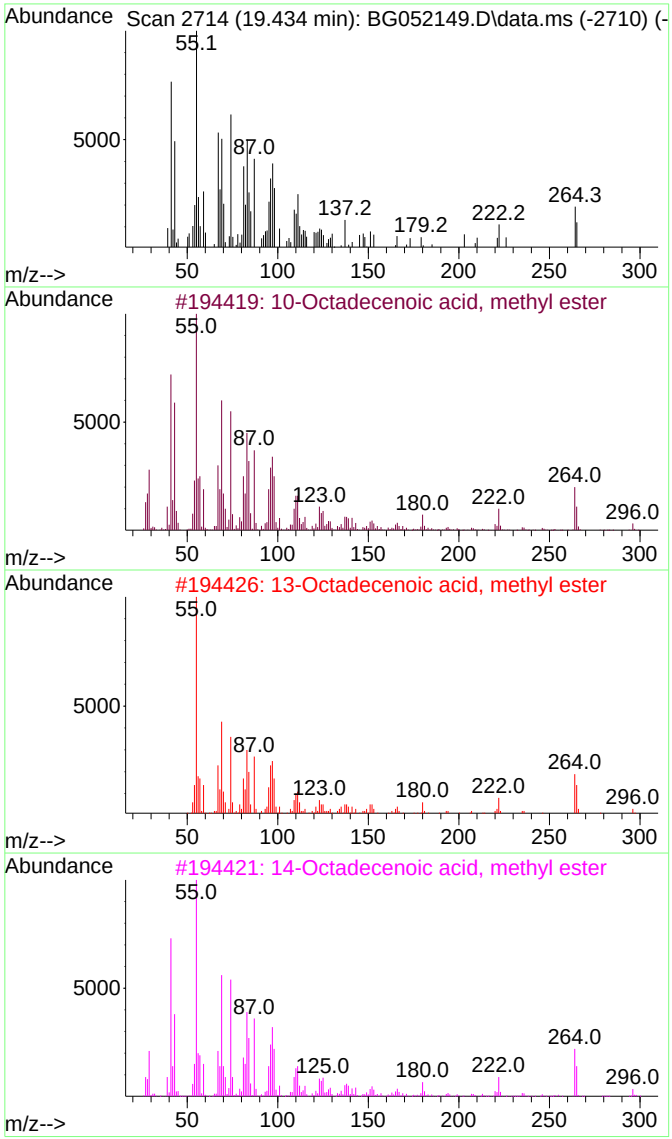
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

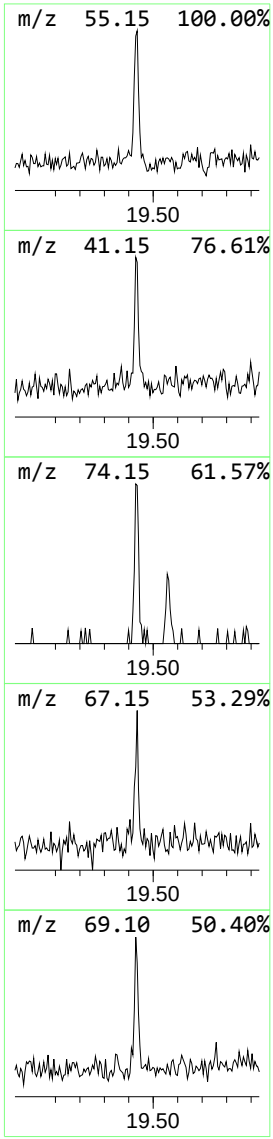
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 10-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.434	2.35 ng/ul	50374	Phenanthrene-d10	17.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	87
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	87





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

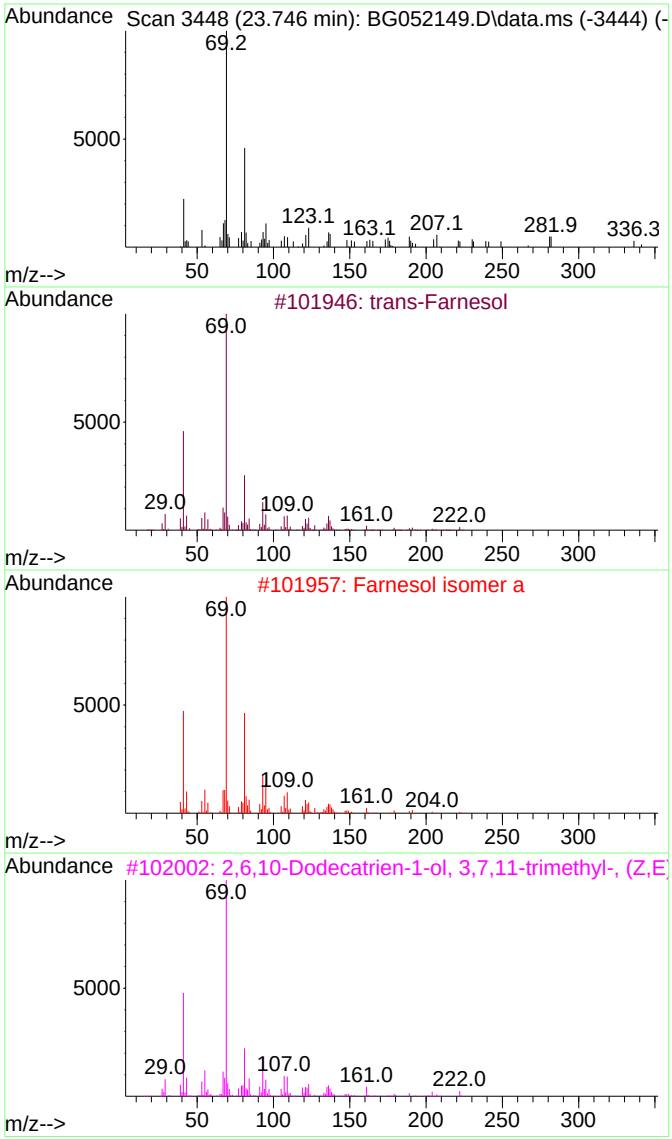
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

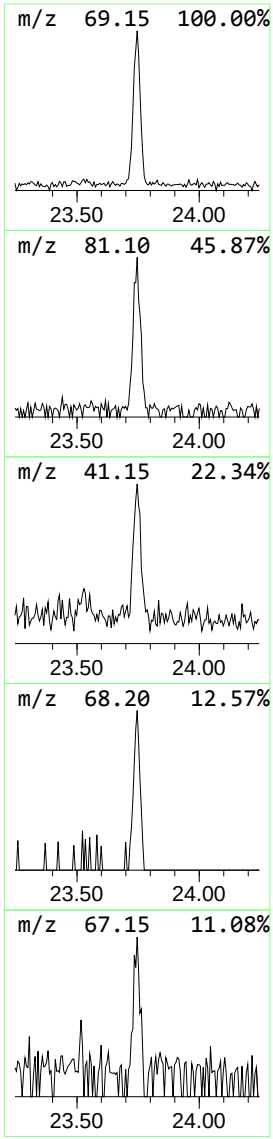
****

Peak Number 3 trans-Farnesol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.746	2.38 ng/ul	58839	Perylene-d12	25.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Farnesol	222	C15H26O	000106-28-5	64
2	Farnesol isomer a	222	C15H26O	1000108-92-4	64
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	59
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	59





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	18.271	3.4	ng/ul	73679	4	17.631	429310	20.0
10-Octadecenoic...	19.434	2.4	ng/ul	50374	4	17.631	429310	20.0
trans-Farnesol	23.746	2.4	ng/ul	58839	6	25.426	493672	20.0