LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
Acq On : 13 Nov 2024 23:08
Operator : RC/JU
Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPB8

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-BG110624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.302	33	36	43	rVB3	20339	31858	0.91%	0.098%
2	3.708	101	105	113	rBV	52167	95496	2.72%	0.294%
3	4.013	154	157	158	rBV3	4976	5085	0.15%	0.016%
4	4.489	232	238	240	rBV3	9290	15558	0.44%	0.048%
5	4.542	243	247	252	rVB4	15798	25652	0.73%	0.079%
6	5.223	358	363	366	rBV4	3994	6008	0.17%	0.019%
7	5.488	405	408	412	rVB4	4688	6555	0.19%	0.020%
8	5.858	469	471	474	rVB2	5255	5742	0.16%	0.018%
9	6.657	604	607	609	rVB2	5096	5335	0.15%	0.016%
10	7.004	659	666	677	rVB	123949	234498	6.69%	0.722%
11	7.162	687	693	703	rBV	225286	382016	10.90%	1.177%
12	7.368	722	728	735	rBV	266415	446910	12.75%	1.377%
13	7.433	735	739	746	rVB7	8095	17734	0.51%	0.055%
14	7.632	770	773	774	rBV	4611	4996	0.14%	0.015%
15	7.685	779	782	787	rBV3	3364	5772	0.16%	0.018%
16	7.832	797	807	814	rBV	358748	592475	16.90%	1.825%
17	7.897	814	818	827	rVB2	21612	37041	1.06%	0.114%
18	8.067	843	847	848	rBV2	10726	12188	0.35%	0.038%
19	8.226	871	874	877	rVB2	5373	7260	0.21%	0.022%
20	8.537	921	927	937	rBV	298032	534364	15.24%	1.646%
21	8.984	995	1003	1011	rBV	315692	543333	15.50%	1.674%
22	9.413	1074	1076	1078	rBV3	9805	9246	0.26%	0.028%
23	9.706	1118	1126	1134	rBV2	281514	505429	14.42%	1.557%
24	10.247	1211	1218	1229	rBV2	398326	728116	20.77%	2.243%
25	10.394	1241	1243	1249	rVB5	8071	11341	0.32%	0.035%
26	10.617	1273	1281	1289	rVB	494540	880713	25.12%	2.713%
27	10.758	1298	1305	1318	rBV	414651	781452	22.29%	2.408%
28	10.999	1344	1346	1352	rVB5	8907	12813	0.37%	0.039%
29	11.158	1370	1373	1376	rBV4	5496	5623	0.16%	0.017%
30	11.210	1380	1382	1385	rBV4	5450	6611	0.19%	0.020%
31	11.534	1434	1437	1441	rBV4	5413	10176	0.29%	0.031%
32	11.792	1478	1481	1486	rBV4	3621	5025	0.14%	0.015%
33	11.910	1499	1501	1503	rVB2	10423	9262	0.26%	0.029%
34	12.215	1548	1553	1558	rVB5	9319	16825	0.48%	0.052%
35	12.327	1569	1572	1577	rBV2	3579	6607	0.19%	0.020%
36	12.785	1645	1650	1651	rBV3	7248	8815	0.25%	0.027%

LSC Area Percent Report

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Misc :
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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-BG110624.MA.M
Title : SVOA CALIBRATION

37	12.903	1668	1670	1673	rBV2	4483	5583	0.16%	0.017%
38	13.073	1692	1699	1702	rBV4	13189	22479	0.64%	0.069%
39	13.361	1743	1748	1757	rBV3	46635	79062	2.25%	0.244%
40	13.684	1800	1803	1806	rBV4	6202	8704	0.25%	0.027%
41	13.872	1829	1835	1844	rBV	968344	1407911	40.15%	4.338%
42	14.160	1878	1884	1894	rVB	928718	1455250	41.51%	4.483%
43	14.471	1930	1937	1945	rBV	907364	1425213	40.65%	4.391%
44	14.595	1956	1958	1962	rBV3	5548	5954	0.17%	0.018%
45	14.683	1968	1973	1981	rBV3	110986	235044	6.70%	0.724%
46	14.900	2008	2010	2014	rVB5	9713	9770	0.28%	0.030%
47	15.000	2025	2027	2032	rVB4	6174	6214	0.18%	0.019%
48	15.118	2043	2047	2052	rBV5	19004	29526	0.84%	0.091%
49	15.171	2055	2056	2059	rVB3	7686	6231	0.18%	0.019%
50	15.288	2071	2076	2079	rBV4	14882	27459	0.78%	0.085%
51	15.323	2079	2082	2088	rVB5	18964	25246	0.72%	0.078%
52	15.464	2100	2106	2115	rBV	1386345	2065311	58.90%	6.363%
53	15.588	2120	2127	2139	rBV	502531	782089	22.31%	2.410%
54	15.705	2144	2147	2149	rBV4	10960	10665	0.30%	0.033%
55	15.829	2163	2168	2172	rVB4	25591	33741	0.96%	0.104%
56	15.876	2174	2176	2180	rVB5	10033	12609	0.36%	0.039%
57	15.946	2187	2188	2191	rBV2	6411	5278	0.15%	0.016%
58	16.017	2196	2200	2203	rBV3	19358	28582	0.82%	0.088%
59	16.099	2211	2214	2218	rVB6	13306	16358	0.47%	0.050%
60	16.146	2219	2222	2225	rBV3	15000	20819	0.59%	0.064%
61	16.187	2226	2229	2231	rVV3	11620	12273	0.35%	0.038%
62	16.363	2254	2259	2266	rVB5	30332	49749	1.42%	0.153%
63	16.463	2274	2276	2277	rBV2	9525	6301	0.18%	0.019%
64	16.516	2282	2285	2286	rBV3	5411	6136	0.18%	0.019%
65	16.698	2312	2316	2323	rBV10	30348	40201	1.15%	0.124%
66	16.757	2323	2326	2331	rBV6	11489	15457	0.44%	0.048%
67	16.986	2361	2365	2368	rBV4	22895	27901	0.80%	0.086%
68	17.080	2379	2381	2382	rBV2	5774	5086	0.15%	0.016%
69	17.139	2386	2391	2398	rVV2	409868	506668	14.45%	1.561%
70	17.221	2398	2405	2413	rVV	1332983	1973834	56.30%	6.081%
71	17.321	2415	2422	2431	rVB	1798902	2676964	76.35%	8.247%
72	17.521	2450	2456	2461	rBV6	43480	101766	2.90%	0.314%
73	17.609	2468	2471	2474	rBV4	10500	14310	0.41%	0.044%
74	17.715	2484	2489	2494	rBV3	61734	116828	3.33%	0.360%
75	17.891	2516	2519	2524	rVB4	61578	76615	2.19%	0.236%
76	18.120	2554	2558	2567	rBV4	189510	329972	9.41%	1.017%

LSC Area Percent Report

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Title : SVOA CALIBRATION

77	18.343	2591	2596	2600	rBV5	27995	57771	1.65%	0.178%
78	18.549	2626	2631	2637	rVB	541562	668438	19.06%	2.059%
79	19.178	2735	2738	2742	rBV4	31813	43153	1.23%	0.133%
80	19.618	2807	2813	2819	rBV	2578044	3506192	100.00%	10.802%
81	19.742	2832	2834	2837	rVB4	24548	20667	0.59%	0.064%
82	21.140	3067	3072	3081	rBV2	247959	453014	12.92%	1.396%
83	21.475	3123	3129	3136	rBV	1522114	2311152	65.92%	7.120%
84	24.301	3600	3610	3622	rVB	1310937	3296563	94.02%	10.156%
85	24.507	3636	3645	3658	rVB2	919893	2402129	68.51%	7.401%

Sum of corrected areas: 32458168

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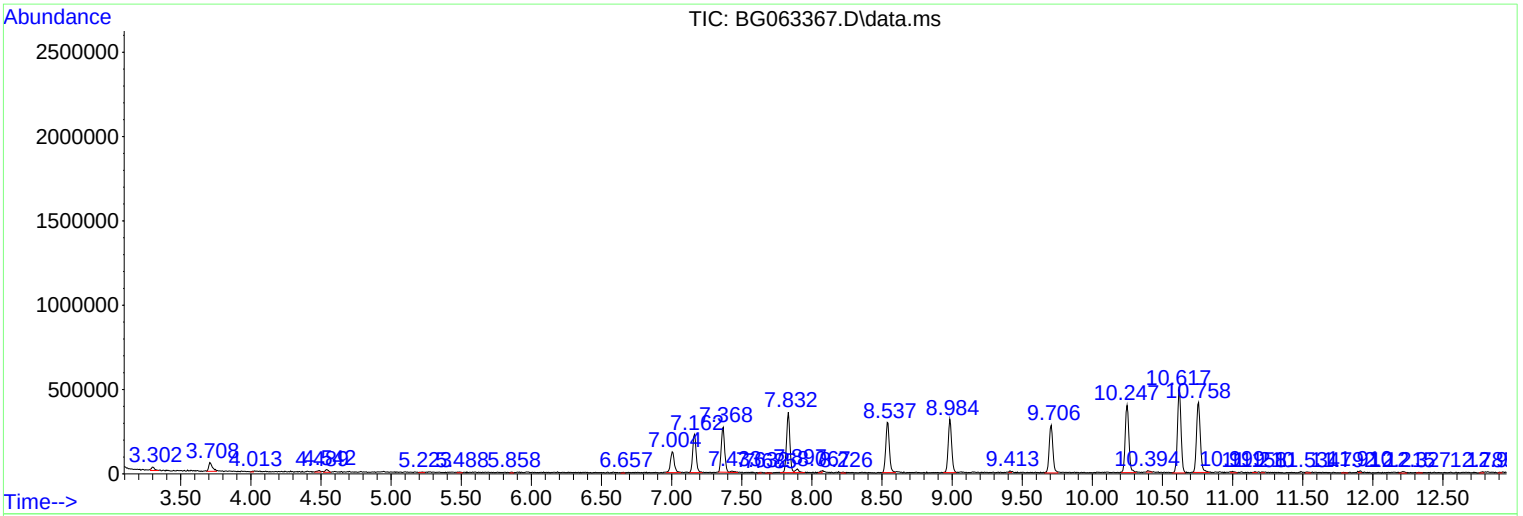
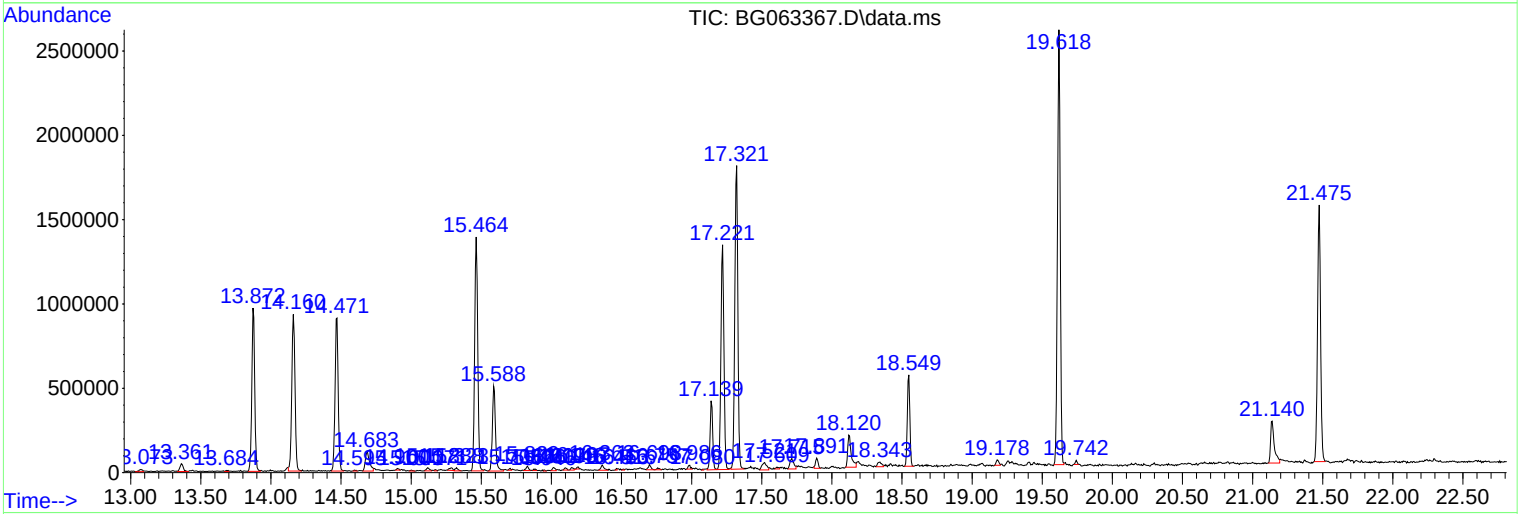
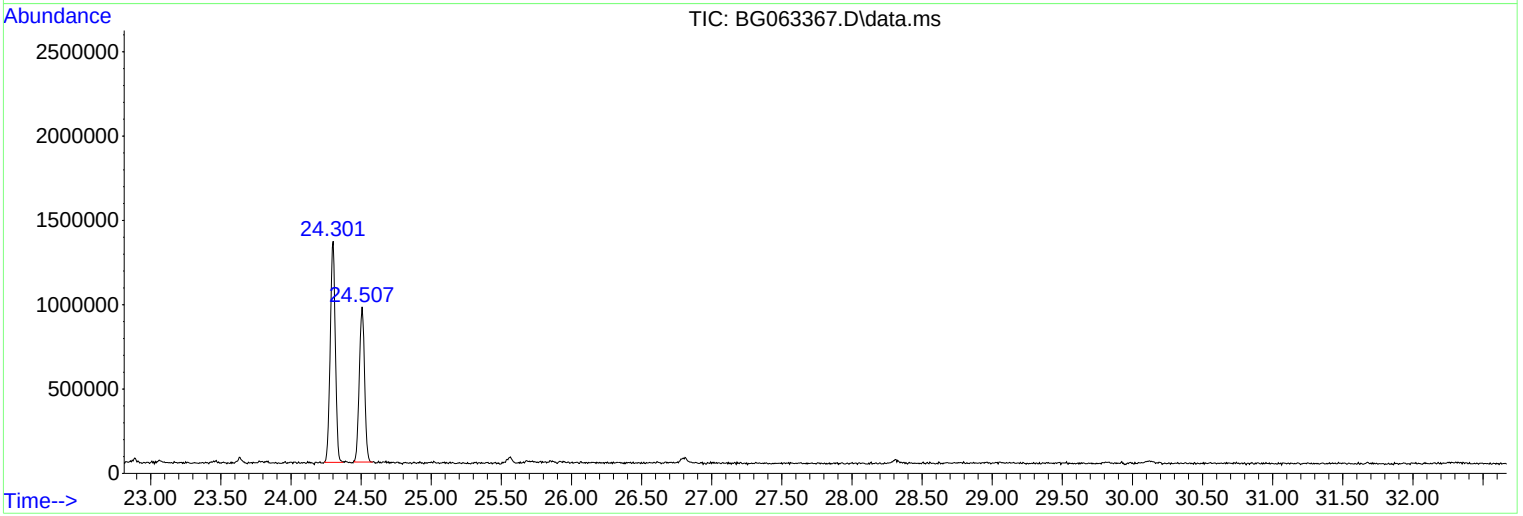
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063367.D
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Sample : P4801-19
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BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

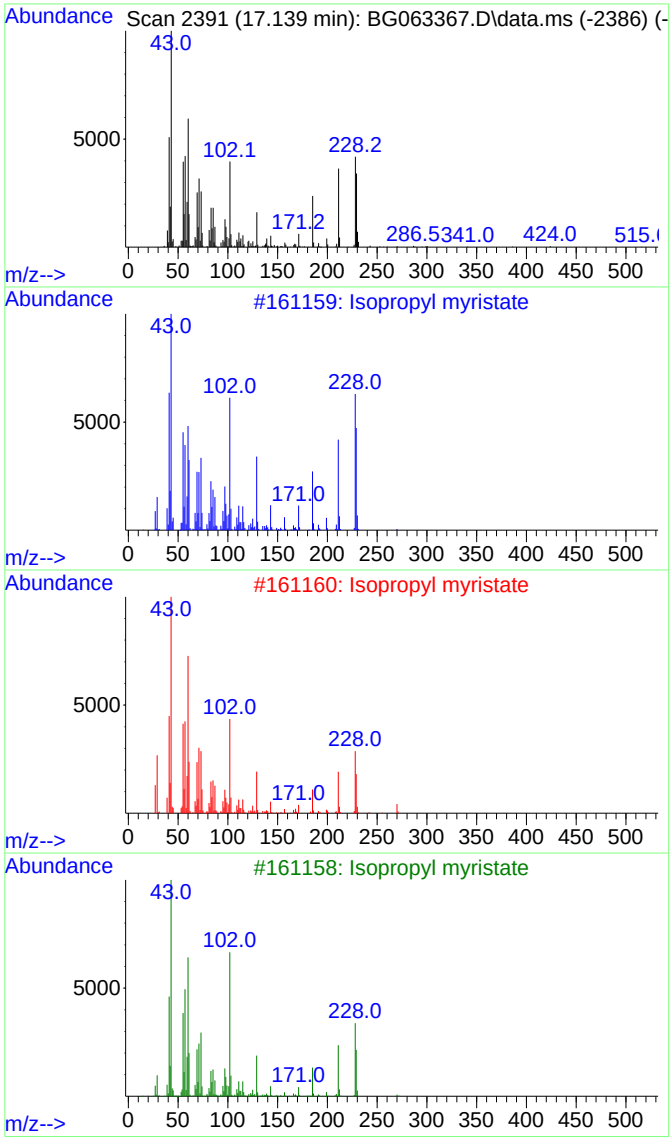
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

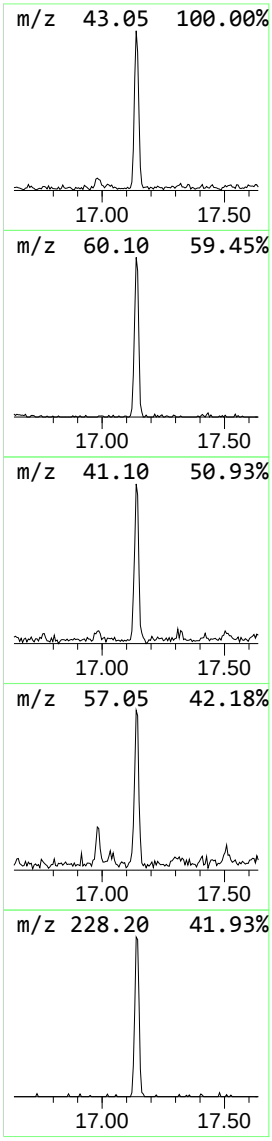
****

Peak Number 1 Isopropyl myristate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	5.13 ng/ul	506668	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl myristate	270	C17H34O2	000110-27-0	93
2	Isopropyl myristate	270	C17H34O2	000110-27-0	78
3	Isopropyl myristate	270	C17H34O2	000110-27-0	58
4	Isopropyl myristate	270	C17H34O2	000110-27-0	58
5	Isopropyl myristate	270	C17H34O2	000110-27-0	58





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Data File : BG063367.D
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Sample : P4801-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCPB8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

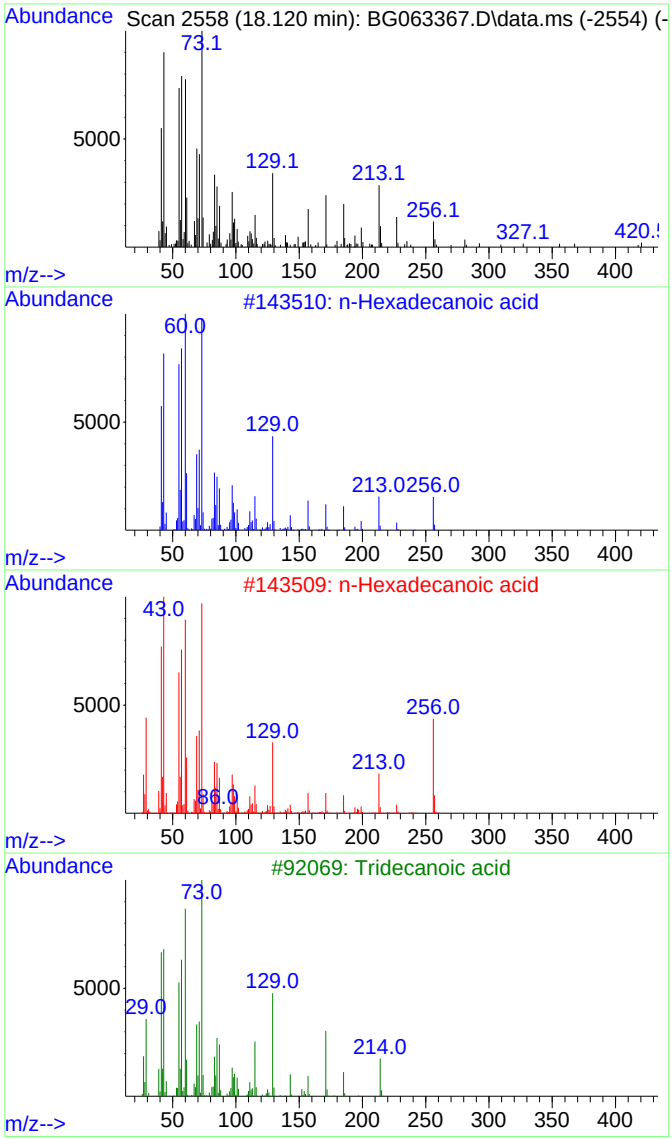
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

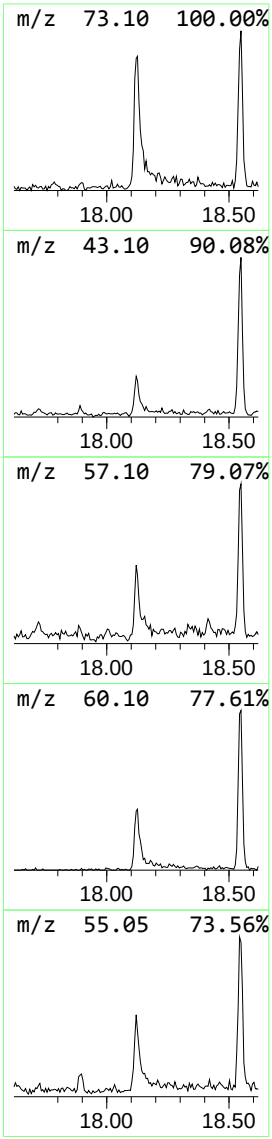
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	3.34 ng/ul	329972	Phenanthrene-d10	17.221

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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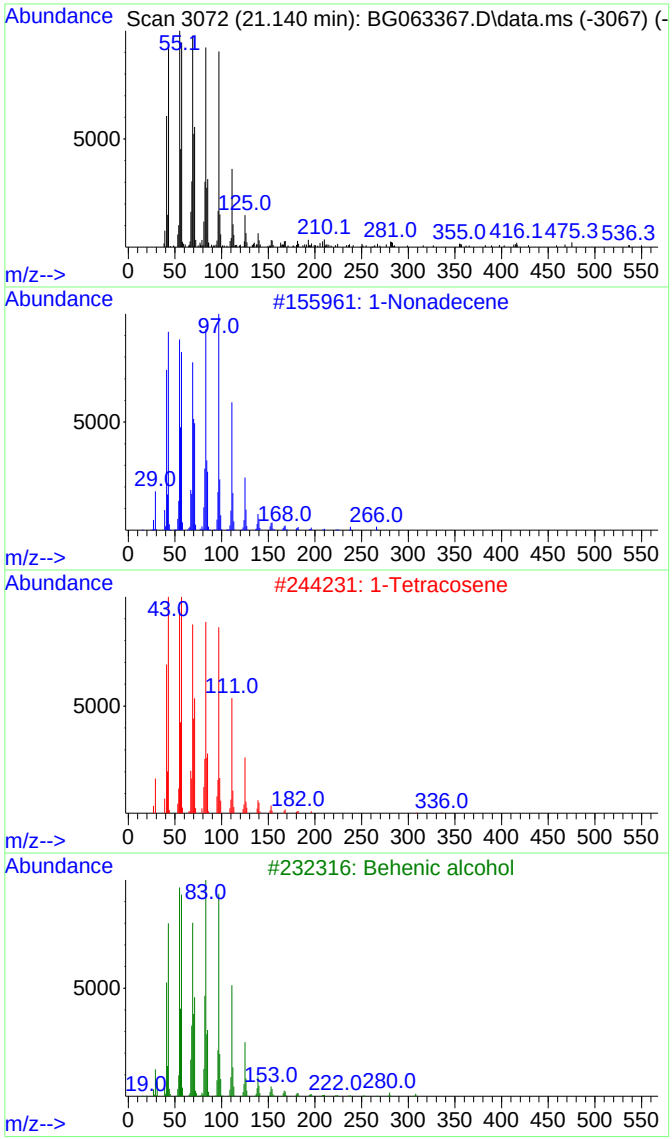
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION

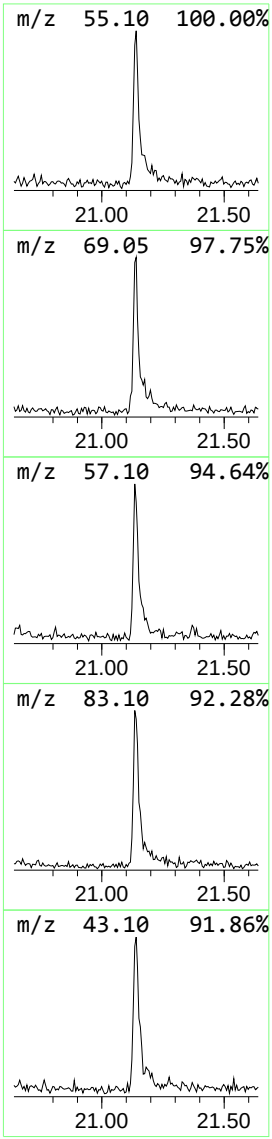
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.140	3.92 ng/ul	453014	Chrysene-d12	21.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Pentacos-1-ene	350	C25H50	016980-85-1	91
5	1-Docosene	308	C22H44	001599-67-3	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
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
Isopropyl myris...	17.139	5.1	ng/ul	506668	4	17.221	1973830	20.0
n-Hexadecanoic ...	18.120	3.3	ng/ul	329972	4	17.221	1973830	20.0
(DEL) Alkane: S...	21.140	3.9	ng/ul	453014	5	21.475	2311150	20.0