LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
Data File : BP009868.D
Acq On : 15 Apr 2022 18:59
Operator : CG/JU
Sample : N2422-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0J78

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_P\Methods\SFAM-EPA-BP040722.M
Title : SVOA CALIBRATION

Signal : TIC: BP009868.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	22	rVB	320330	474170	8.76%	0.991%
2	3.381	46	50	58	rVB	23360	34383	0.64%	0.072%
3	3.664	95	98	106	rVB	6758	12736	0.24%	0.027%
4	3.805	118	122	132	rBV	97112	176630	3.26%	0.369%
5	4.134	173	178	183	rBV2	8210	13618	0.25%	0.028%
6	7.111	677	684	694	rBV	130937	217002	4.01%	0.454%
7	7.281	706	713	723	rBV	465166	751511	13.88%	1.571%
8	7.364	723	727	732	rVB2	5677	10390	0.19%	0.022%
9	7.487	740	748	762	rBV	476472	748659	13.83%	1.565%
10	7.599	762	767	771	rVB8	3623	5506	0.10%	0.012%
11	7.958	820	828	837	rBV	495103	804342	14.86%	1.681%
12	8.028	837	840	844	rVB5	4131	6019	0.11%	0.013%
13	8.658	940	947	958	rBV	404525	649310	11.99%	1.357%
14	9.116	1017	1025	1037	rBV	622666	1068856	19.74%	2.234%
15	9.228	1040	1044	1050	rVV7	6543	11410	0.21%	0.024%
16	9.293	1050	1055	1063	rVB7	5787	12251	0.23%	0.026%
17	9.569	1097	1102	1107	rVB3	8745	14899	0.28%	0.031%
18	9.840	1138	1148	1157	rBV	517443	884189	16.33%	1.848%
19	10.075	1182	1188	1193	rVB10	4292	6788	0.13%	0.014%
20	10.381	1229	1240	1252	rBV	734865	1241615	22.94%	2.596%
21	10.557	1264	1270	1276	rBV6	10818	22316	0.41%	0.047%
22	10.763	1297	1305	1319	rVV	747479	1266985	23.40%	2.649%
23	10.893	1319	1327	1347	rVB	722897	1243750	22.97%	2.600%
24	11.481	1421	1427	1432	rVB2	13036	20429	0.38%	0.043%
25	11.557	1434	1440	1448	rBV6	8439	20055	0.37%	0.042%
26	12.069	1522	1527	1536	rVB6	6444	11312	0.21%	0.024%
27	12.346	1568	1574	1580	rBV2	16783	28023	0.52%	0.059%
28	12.957	1675	1678	1683	rBV7	3825	5829	0.11%	0.012%
29	13.104	1697	1703	1709	rBV	42146	73090	1.35%	0.153%
30	13.210	1715	1721	1726	rVB4	8466	13676	0.25%	0.029%
31	13.434	1753	1759	1763	rBV5	19535	30337	0.56%	0.063%
32	13.493	1765	1769	1777	rVV2	14412	25182	0.47%	0.053%
33	13.557	1777	1780	1785	rVB7	4428	7876	0.15%	0.016%
34	13.993	1846	1854	1861	rBV	1792819	2463695	45.51%	5.150%
35	14.128	1875	1877	1884	rVB8	6857	8958	0.17%	0.019%
36	14.281	1897	1903	1916	rVB	1853310	2669327	49.31%	5.580%

LSC Area Percent Report

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Sample : N2422-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0J78

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_P\Methods\SFAM-EPA-BP040722.M
Title : SVOA CALIBRATION

37	14.498	1936	1940	1944	rVB2	9074	11786	0.22%	0.025%
38	14.587	1944	1955	1965	rBV	1285139	1940456	35.84%	4.057%
39	14.763	1977	1985	1991	rBV	159820	262533	4.85%	0.549%
40	14.822	1991	1995	2006	rVB2	18293	32861	0.61%	0.069%
41	15.004	2021	2026	2033	rVB2	8048	13033	0.24%	0.027%
42	15.222	2058	2063	2072	rVB3	16203	29693	0.55%	0.062%
43	15.398	2085	2093	2098	rBV2	32938	52600	0.97%	0.110%
44	15.445	2098	2101	2105	rVB4	8923	11066	0.20%	0.023%
45	15.581	2116	2124	2136	rBV	2528169	3660636	67.62%	7.653%
46	15.687	2136	2142	2158	rBV	913375	1297041	23.96%	2.711%
47	15.822	2158	2165	2171	rVV2	27545	47669	0.88%	0.100%
48	15.945	2182	2186	2191	rVB7	12286	18049	0.33%	0.038%
49	16.004	2192	2196	2202	rVB9	8324	13361	0.25%	0.028%
50	16.081	2206	2209	2213	rVV5	10128	14548	0.27%	0.030%
51	16.134	2213	2218	2226	rVV8	14335	25575	0.47%	0.053%
52	16.210	2226	2231	2237	rVV	24042	49249	0.91%	0.103%
53	16.281	2237	2243	2246	rVV4	27514	54757	1.01%	0.114%
54	16.310	2246	2248	2251	rVV4	14479	18037	0.33%	0.038%
55	16.369	2254	2258	2265	rVB9	13545	25151	0.46%	0.053%
56	16.481	2272	2277	2285	rBV7	13829	25940	0.48%	0.054%
57	16.592	2291	2296	2299	rBV6	5927	9069	0.17%	0.019%
58	16.657	2305	2307	2314	rBV8	3365	6918	0.13%	0.014%
59	16.822	2330	2335	2338	rBV6	10441	15374	0.28%	0.032%
60	16.887	2344	2346	2349	rBV4	4563	5518	0.10%	0.012%
61	16.957	2356	2358	2363	rBV6	4157	5984	0.11%	0.013%
62	17.016	2364	2368	2373	rBV7	4864	7804	0.14%	0.016%
63	17.063	2373	2376	2378	rBV4	4282	5744	0.11%	0.012%
64	17.110	2378	2384	2386	rBV5	15348	30669	0.57%	0.064%
65	17.269	2406	2411	2416	rVB2	31646	41334	0.76%	0.086%
66	17.339	2416	2423	2433	rBV	1706039	2423037	44.76%	5.065%
67	17.439	2433	2440	2455	rBV	3222165	4517781	83.45%	9.444%
68	17.628	2467	2472	2476	rBV	58403	81693	1.51%	0.171%
69	17.728	2485	2489	2494	rBV4	50091	70523	1.30%	0.147%
70	17.957	2525	2528	2531	rBV5	8256	12057	0.22%	0.025%
71	18.016	2533	2538	2549	rVB	230762	294486	5.44%	0.616%
72	18.222	2569	2573	2580	rBV	70031	97992	1.81%	0.205%
73	18.292	2580	2585	2590	rVB	137580	168014	3.10%	0.351%
74	18.522	2620	2624	2627	rBV6	11804	18347	0.34%	0.038%
75	18.639	2641	2644	2647	rBV3	27469	30683	0.57%	0.064%
76	18.728	2655	2659	2662	rBV4	11091	16998	0.31%	0.036%

LSC Area Percent Report

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Sample : N2422-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0J78

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
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Title : SVOA CALIBRATION

77	18.804	2670	2672	2676	rBV3	12915	16130	0.30%	0.034%
78	18.969	2697	2700	2704	rVB	20809	25304	0.47%	0.053%
79	19.057	2711	2715	2721	rBV	47835	67974	1.26%	0.142%
80	19.139	2722	2729	2739	rVV	568672	721313	13.32%	1.508%
81	19.245	2743	2747	2748	rVV	47003	53239	0.98%	0.111%
82	19.269	2748	2751	2755	rVV	139532	172726	3.19%	0.361%
83	19.310	2755	2758	2761	rVV	43933	64916	1.20%	0.136%
84	19.363	2765	2767	2774	rVB3	29878	40818	0.75%	0.085%
85	19.451	2780	2782	2785	rBV3	16181	13593	0.25%	0.028%
86	19.586	2802	2805	2811	rVB5	22536	36371	0.67%	0.076%
87	19.669	2813	2819	2829	rVV	4179950	5413528	100.00%	11.317%
88	20.775	3004	3007	3011	rBV2	49619	63577	1.17%	0.133%
89	20.822	3012	3015	3018	rVV	49081	56558	1.04%	0.118%
90	21.127	3063	3067	3073	rBV2	168656	222833	4.12%	0.466%
91	21.422	3111	3117	3123	rBV	2119240	2728148	50.40%	5.703%
92	23.727	3501	3509	3517	rBV2	2567991	5108674	94.37%	10.680%
93	23.886	3529	3536	3546	rVB	1227291	2510314	46.37%	5.248%

Sum of corrected areas: 47835206

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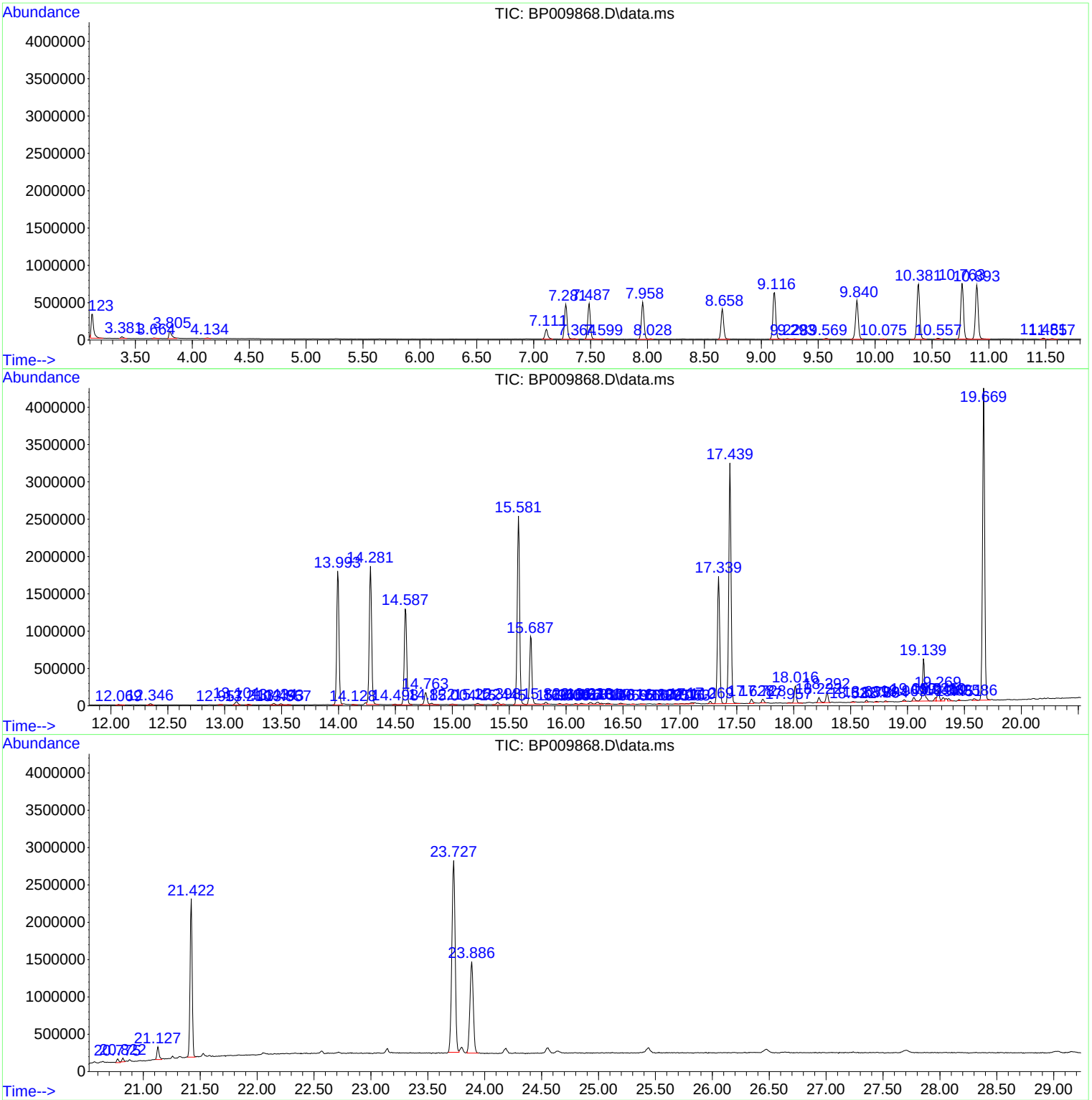
Instrument :
BNA_P
ClientSampleId :
C0J78

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
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Quant Title : SVOA CALIBRATION

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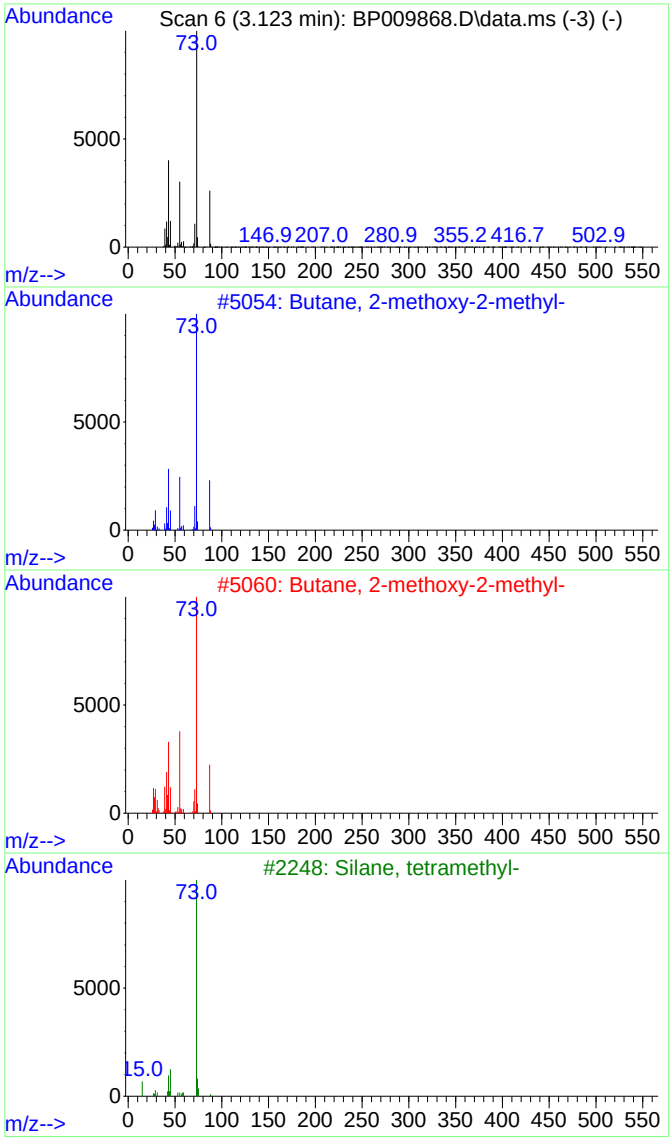
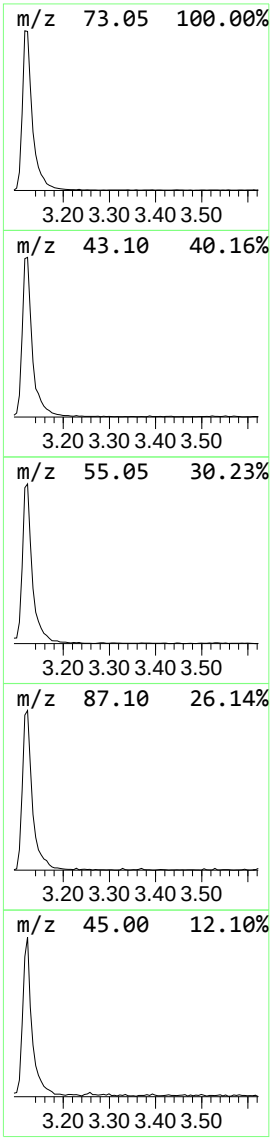
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.123	11.79 ng/ul	474170	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





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ALS Vial : 18 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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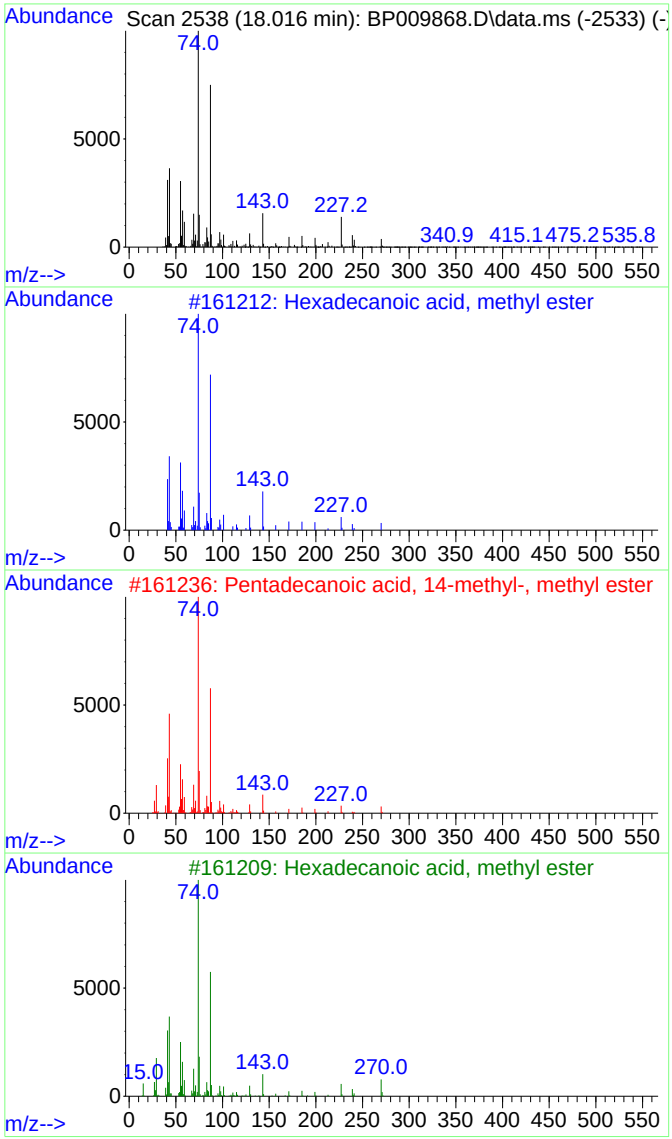
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

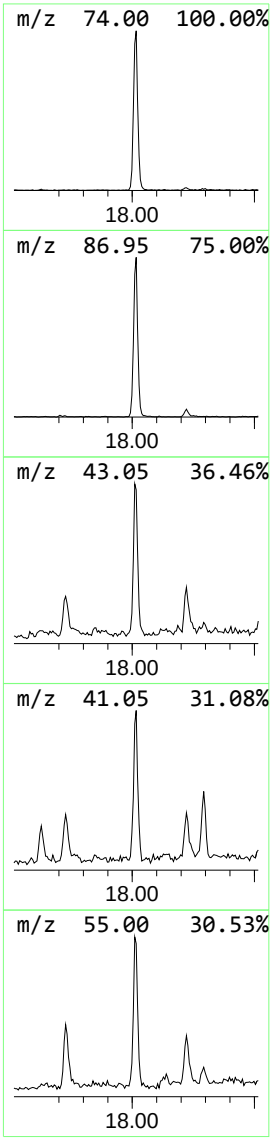
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	2.43 ng/ul	294486	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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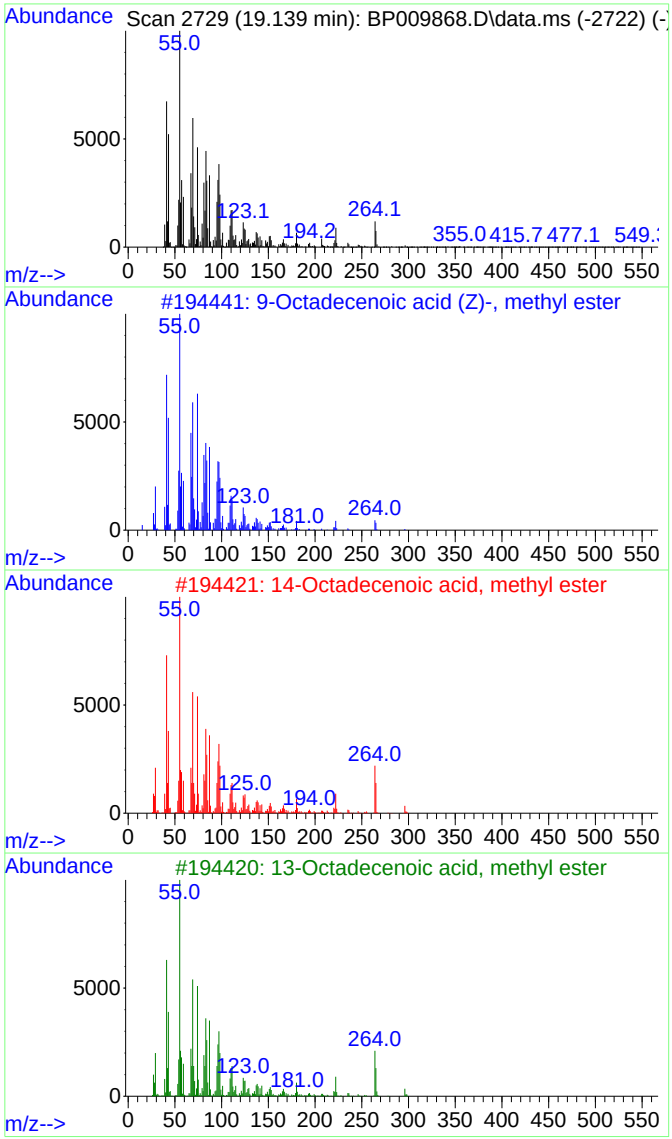
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

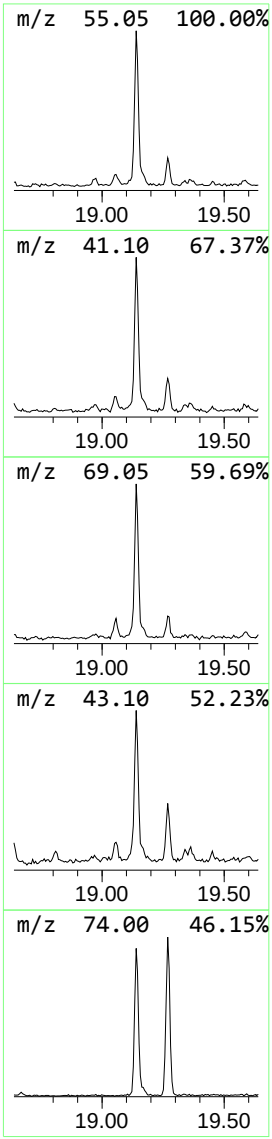
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	5.95 ng/ul	721313	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	94





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
Butane, 2-metho...	3.123	11.8	ng/ul	474170	1	7.958	804342	20.0
Hexadecanoic ac...	18.016	2.4	ng/ul	294486	4	17.339	2423040	20.0
9-Octadecenoic ...	19.139	6.0	ng/ul	721313	4	17.339	2423040	20.0