LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017302.D
Acq On : 23 Sep 2023 00:00
Operator : MA/JU
Sample : 04410-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHM2

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-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	33	36	43	rVB	38999	54186	1.01%	0.117%
2	3.611	86	89	90	rBV	8754	7301	0.14%	0.016%
3	3.740	108	111	128	rBV	203440	323808	6.03%	0.697%
4	3.928	139	143	148	rVB	36816	53331	0.99%	0.115%
5	4.046	160	163	168	rVB3	9974	14603	0.27%	0.031%
6	4.193	183	188	194	rVB6	14489	24635	0.46%	0.053%
7	4.434	224	229	233	rVB4	11097	17776	0.33%	0.038%
8	4.569	247	252	256	rVB5	13976	20337	0.38%	0.044%
9	4.981	319	322	325	rVB4	6287	8098	0.15%	0.017%
10	5.563	417	421	427	rBV3	7931	14869	0.28%	0.032%
11	6.340	547	553	557	rBV5	12391	23710	0.44%	0.051%
12	6.905	648	649	658	rVB8	6714	7126	0.13%	0.015%
13	7.087	674	680	694	rVB	162458	277394	5.17%	0.597%
14	7.275	702	712	721	rBV	572864	886256	16.50%	1.908%
15	7.452	734	742	750	rBV	581582	902223	16.80%	1.942%
16	7.528	750	755	765	rVB	40874	84717	1.58%	0.182%
17	7.934	816	824	834	rBV	596023	952222	17.73%	2.050%
18	8.646	938	945	955	rBV	482816	767188	14.29%	1.652%
19	9.128	1021	1027	1038	rBV	636973	1043596	19.43%	2.247%
20	9.334	1057	1062	1070	rVB3	13791	25007	0.47%	0.054%
21	9.587	1099	1105	1107	rBV7	4206	6612	0.12%	0.014%
22	9.846	1141	1149	1157	rBV	397107	662687	12.34%	1.427%
23	9.993	1170	1174	1180	rBV6	4413	6065	0.11%	0.013%
24	10.369	1231	1238	1256	rBV	747300	1267562	23.60%	2.729%
25	10.757	1296	1304	1313	rBV	807301	1340829	24.97%	2.886%
26	10.922	1323	1332	1341	rBV	692230	1187404	22.11%	2.556%
27	11.310	1395	1398	1404	rVB5	7423	9451	0.18%	0.020%
28	11.793	1473	1480	1484	rBV10	6758	13888	0.26%	0.030%
29	11.822	1484	1485	1491	rVB6	7096	10058	0.19%	0.022%
30	11.898	1491	1498	1502	rBV10	5851	9461	0.18%	0.020%
31	12.040	1517	1522	1523	rBV5	7205	9065	0.17%	0.020%
32	12.145	1534	1540	1541	rBV6	5538	8757	0.16%	0.019%
33	12.169	1541	1544	1550	rVV7	8058	17910	0.33%	0.039%
34	12.234	1552	1555	1561	rVB8	6739	12343	0.23%	0.027%
35	12.340	1568	1573	1578	rVV3	18022	26279	0.49%	0.057%
36	12.581	1610	1614	1622	rVB5	6984	9989	0.19%	0.022%

LSC Area Percent Report

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Sample : 04410-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBHM2

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-BP092023.MA.M
Title : SVOA CALIBRATION

37	12.657	1622	1627	1629	rBV6	4557	7027	0.13%	0.015%
38	12.798	1648	1651	1655	rBV6	4901	8422	0.16%	0.018%
39	12.851	1655	1660	1664	rBV8	6669	15346	0.29%	0.033%
40	12.975	1679	1681	1688	rVB8	6818	12103	0.23%	0.026%
41	13.045	1688	1693	1697	rBV7	7993	13783	0.26%	0.030%
42	13.210	1719	1721	1726	rVB6	4919	6257	0.12%	0.013%
43	13.257	1726	1729	1733	rVB6	6693	8540	0.16%	0.018%
44	13.310	1733	1738	1740	rBV6	8979	15889	0.30%	0.034%
45	13.340	1740	1743	1748	rVB7	9033	14434	0.27%	0.031%
46	13.440	1752	1760	1767	rBV	906575	1442695	26.86%	3.106%
47	13.551	1776	1779	1782	rBV5	5639	6349	0.12%	0.014%
48	13.740	1806	1811	1812	rBV5	7189	10963	0.20%	0.024%
49	13.775	1812	1817	1823	rVV6	17738	35995	0.67%	0.077%
50	13.928	1838	1843	1844	rBV4	6551	9957	0.19%	0.021%
51	13.957	1846	1848	1851	rVV4	8108	8137	0.15%	0.018%
52	14.010	1851	1857	1865	rVV	1680872	2274566	42.35%	4.897%
53	14.216	1888	1892	1897	rVB7	11823	15635	0.29%	0.034%
54	14.292	1898	1905	1916	rBV	1864924	2677248	49.85%	5.763%
55	14.416	1924	1926	1930	rVB5	7001	7872	0.15%	0.017%
56	14.592	1950	1956	1969	rBV	1211461	1755186	32.68%	3.778%
57	14.781	1984	1988	1992	rVB7	8556	13293	0.25%	0.029%
58	14.834	1992	1997	2003	rBV3	36382	76809	1.43%	0.165%
59	15.192	2053	2058	2062	rBV7	13232	27989	0.52%	0.060%
60	15.528	2111	2115	2118	rBV6	9806	16535	0.31%	0.036%
61	15.592	2119	2126	2135	rBV	2531858	3624973	67.50%	7.804%
62	15.722	2142	2148	2153	rBV	145118	207095	3.86%	0.446%
63	15.775	2153	2157	2163	rVV2	43529	73740	1.37%	0.159%
64	16.069	2204	2207	2211	rVB3	13832	16954	0.32%	0.036%
65	16.116	2211	2215	2217	rBV5	11181	16546	0.31%	0.036%
66	16.269	2235	2241	2246	rBV7	18235	44688	0.83%	0.096%
67	16.439	2267	2270	2274	rVB6	17447	23023	0.43%	0.050%
68	16.604	2294	2298	2303	rBV	18077	33229	0.62%	0.072%
69	16.710	2311	2316	2328	rBV5	58327	118269	2.20%	0.255%
70	16.898	2346	2348	2351	rBV3	14295	13699	0.26%	0.029%
71	16.992	2361	2364	2370	rBV4	20951	40301	0.75%	0.087%
72	17.086	2376	2380	2387	rBV9	19347	35047	0.65%	0.075%
73	17.363	2421	2427	2438	rBV	1551126	2160319	40.23%	4.651%
74	17.463	2438	2444	2456	rBV	3011275	4294950	79.97%	9.246%
75	17.551	2456	2459	2463	rVB6	19436	27999	0.52%	0.060%
76	17.757	2490	2494	2509	rVB6	20432	64612	1.20%	0.139%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
BBHM2

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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Title : SVOA CALIBRATION

77	17.986	2529	2533	2542	rVB	71158	96784	1.80%	0.208%
78	18.204	2566	2570	2573	rBV3	49800	64576	1.20%	0.139%
79	18.469	2612	2615	2617	rBV4	13236	13684	0.25%	0.029%
80	19.092	2717	2721	2722	rBV3	42500	47714	0.89%	0.103%
81	19.122	2722	2726	2735	rVB	214388	272459	5.07%	0.587%
82	19.275	2749	2752	2756	rVB4	46551	58160	1.08%	0.125%
83	19.345	2760	2764	2771	rVB2	55775	89150	1.66%	0.192%
84	19.439	2778	2780	2787	rVB8	32865	45395	0.85%	0.098%
85	19.704	2820	2825	2836	rBV	4141581	5339732	99.43%	11.495%
86	20.163	2900	2903	2908	rBV2	66872	83201	1.55%	0.179%
87	20.651	2983	2986	2989	rBV	74493	79779	1.49%	0.172%
88	21.139	3065	3069	3080	rVB2	352375	589153	10.97%	1.268%
89	21.469	3120	3125	3130	rBV	1794983	2367736	44.09%	5.097%
90	23.815	3518	3524	3536	rVB2	2645546	5370579	100.00%	11.561%
91	23.980	3546	3552	3562	rVB	1218601	2551204	47.50%	5.492%

Sum of corrected areas: 46452523

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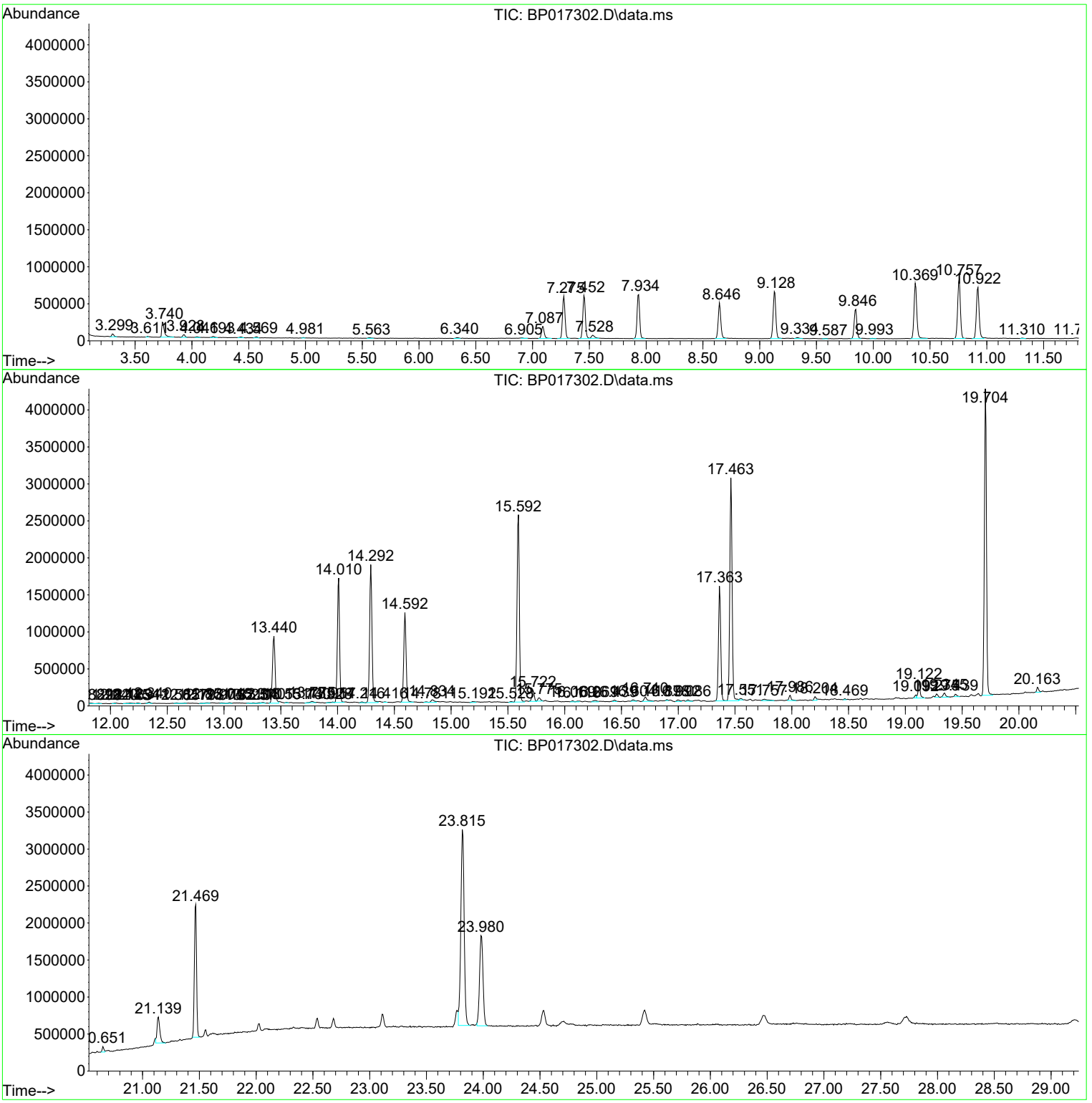
Instrument :
BNA_P
ClientSampleId :
BBHM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017302.D
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Operator : MA/JU
Sample : 04410-17
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Instrument :
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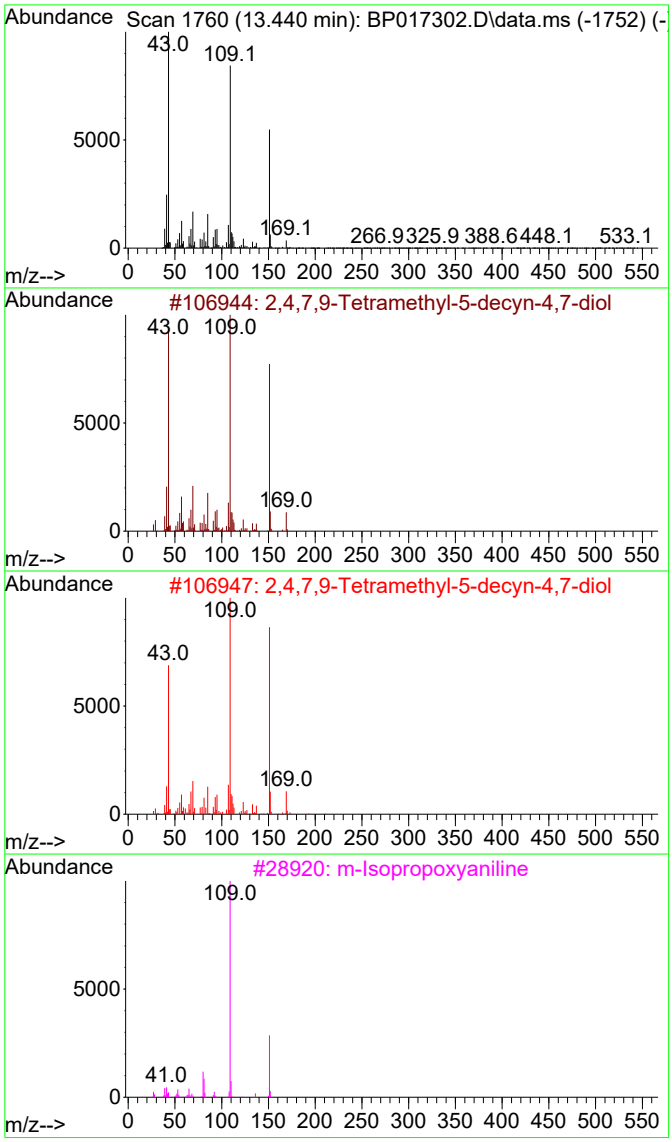
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

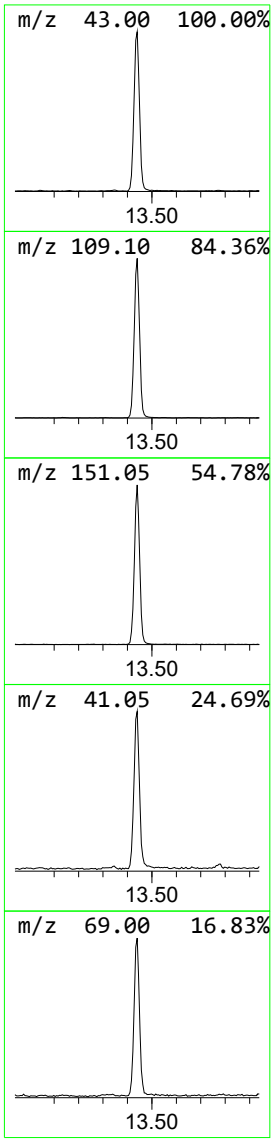
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	16.44 ng/ul	1442700	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	Diacetamate	193	C10H11NO3	002623-33-8	59
5	Acetaminophen	151	C8H9NO2	000103-90-2	59





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBHM2

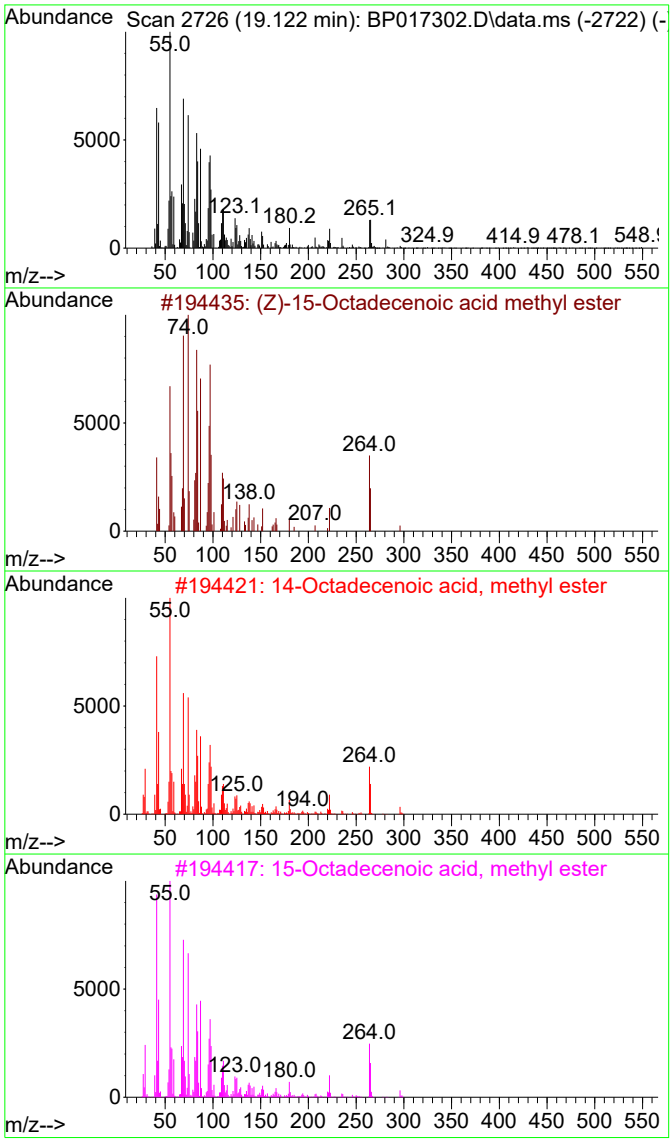
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

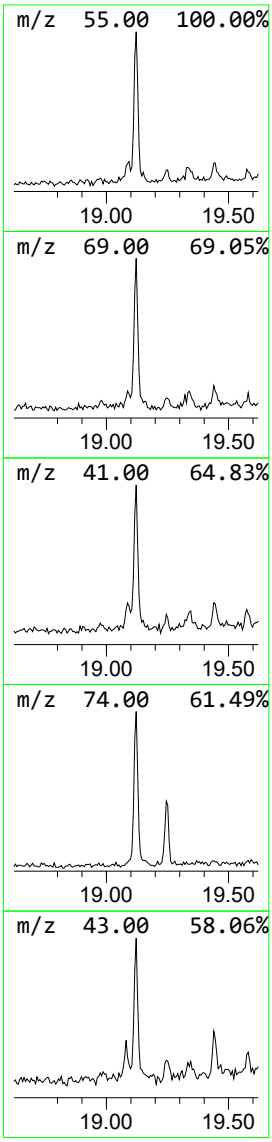
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (Z)-15-Octadecenoic acid me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	2.52 ng/ul	272459	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

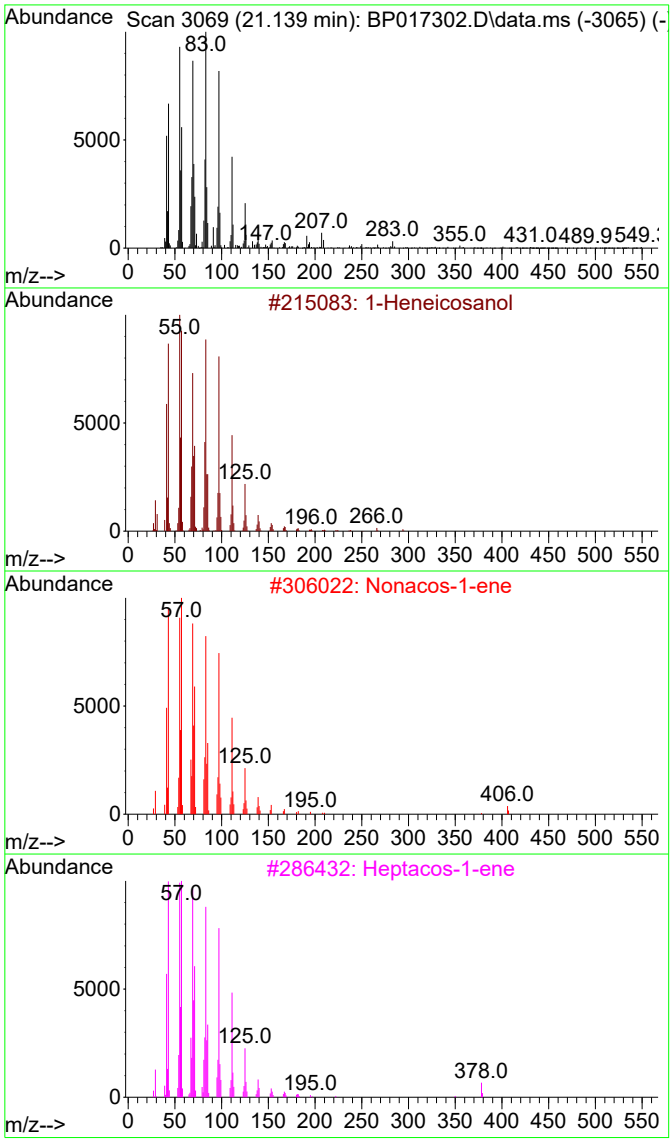
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

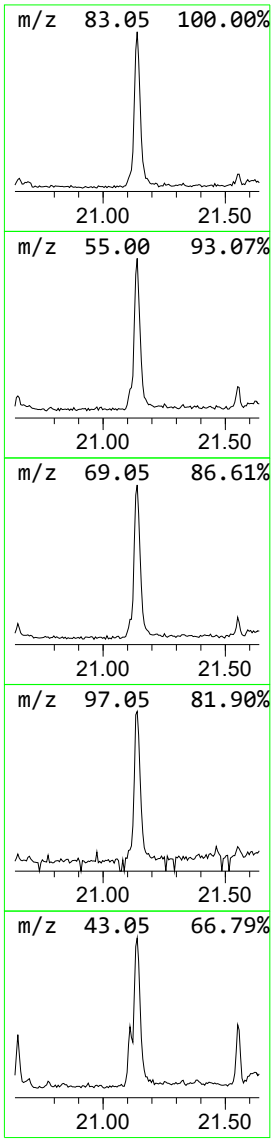
****

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	4.98 ng/ul	589153	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Nonacos-1-ene	406	C29H58	018835-35-3	91
3	Heptacos-1-ene	378	C27H54	015306-27-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	Cyclopentadecane	210	C15H30	000295-48-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.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
2,4,7,9-Tetrame...	13.440	16.4	ng/ul	1442700	3	14.592	1755190	20.0
(Z)-15-Octadece...	19.122	2.5	ng/ul	272459	4	17.363	2160320	20.0
1-Heneicosanol	21.139	5.0	ng/ul	589153	5	21.468	2367740	20.0