LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042743.D
Acq On : 14 Nov 2023 20:46
Operator : MA/JU
Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4939

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	30	32	37	rVB2	8478	10982	0.89%	0.110%
2	3.634	107	110	122	rBV3	13945	30369	2.47%	0.303%
3	4.263	215	217	222	rBV5	1667	2414	0.20%	0.024%
4	4.510	258	259	263	rBV4	1500	2205	0.18%	0.022%
5	5.769	471	473	477	rVB4	1423	1736	0.14%	0.017%
6	6.210	546	548	552	rVB5	1284	1434	0.12%	0.014%
7	6.634	618	620	626	rVB3	995	1534	0.12%	0.015%
8	6.857	656	658	661	rVB4	1309	1400	0.11%	0.014%
9	7.004	678	683	700	rBV4	29435	77257	6.27%	0.772%
10	7.181	708	713	725	rBV	108099	187870	15.25%	1.876%
11	7.357	737	743	753	rBV	113348	205921	16.72%	2.057%
12	7.510	768	769	772	rVB2	1704	1334	0.11%	0.013%
13	7.669	795	796	802	rVB4	1225	1796	0.15%	0.018%
14	7.834	817	824	838	rBV	109552	200696	16.29%	2.004%
15	7.998	849	852	856	rBV4	769	1382	0.11%	0.014%
16	8.557	941	947	961	rBV	77872	157821	12.81%	1.576%
17	9.034	1022	1028	1041	rBV	129751	254851	20.69%	2.545%
18	9.745	1143	1149	1164	rVV	115824	220439	17.90%	2.202%
19	10.204	1222	1227	1229	rBV3	987	1495	0.12%	0.015%
20	10.275	1233	1239	1260	rBV	123177	294131	23.88%	2.938%
21	10.581	1285	1291	1292	rBV3	1350	2188	0.18%	0.022%
22	10.645	1296	1302	1318	rVB	158767	270416	21.95%	2.701%
23	10.845	1330	1336	1341	rBV8	4173	8074	0.66%	0.081%
24	10.910	1346	1347	1351	rVB4	2093	1637	0.13%	0.016%
25	12.110	1548	1551	1556	rVB3	918	1541	0.13%	0.015%
26	13.333	1753	1759	1764	rVB2	7186	10792	0.88%	0.108%
27	13.710	1820	1823	1827	rBV4	1629	2391	0.19%	0.024%
28	13.810	1835	1840	1844	rBV	641	1255	0.10%	0.013%
29	13.910	1851	1857	1872	rBV	404162	559093	45.39%	5.584%
30	14.186	1898	1904	1918	rBV	377543	557362	45.25%	5.567%
31	14.486	1949	1955	1966	rBV	250356	364473	29.59%	3.640%
32	14.780	1998	2005	2006	rBV4	5118	8607	0.70%	0.086%
33	15.221	2076	2080	2081	rBV2	1841	2511	0.20%	0.025%
34	15.263	2085	2087	2088	rVV2	2002	1532	0.12%	0.015%
35	15.310	2091	2095	2097	rVB2	1422	1704	0.14%	0.017%
36	15.410	2109	2112	2116	rVB3	1004	1348	0.11%	0.013%

LSC Area Percent Report

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Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4939

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

37	15.480	2118	2124	2140	rVV	519753	749299	60.83%	7.484%
38	15.580	2140	2141	2144	rVV2	3057	3211	0.26%	0.032%
39	15.627	2144	2149	2164	rVV	183812	287743	23.36%	2.874%
40	15.757	2168	2171	2173	rVB3	1688	2007	0.16%	0.020%
41	15.857	2183	2188	2196	rBV	53079	77015	6.25%	0.769%
42	16.104	2226	2230	2233	rBV4	1521	1889	0.15%	0.019%
43	16.139	2233	2236	2238	rVV3	1414	1710	0.14%	0.017%
44	16.333	2266	2269	2270	rBV2	1370	1344	0.11%	0.013%
45	16.345	2270	2271	2274	rVB4	1760	1472	0.12%	0.015%
46	16.415	2279	2283	2290	rVV2	16878	23714	1.93%	0.237%
47	16.533	2299	2303	2306	rBV4	1150	2029	0.16%	0.020%
48	16.880	2360	2362	2366	rBV2	1636	1680	0.14%	0.017%
49	16.921	2366	2369	2373	rVV4	1617	2560	0.21%	0.026%
50	17.057	2390	2392	2395	rBV4	1261	1669	0.14%	0.017%
51	17.198	2414	2416	2418	rBV2	1366	1501	0.12%	0.015%
52	17.239	2418	2423	2432	rVV	305460	439103	35.65%	4.385%
53	17.339	2434	2440	2462	rVV	592449	897186	72.84%	8.961%
54	17.492	2465	2466	2470	rVB3	2039	2408	0.20%	0.024%
55	17.562	2475	2478	2479	rBV2	1191	1243	0.10%	0.012%
56	17.657	2492	2494	2498	rBV4	1004	1545	0.13%	0.015%
57	17.927	2538	2540	2542	rBV2	997	1241	0.10%	0.012%
58	18.098	2564	2569	2587	rBV	100211	205312	16.67%	2.051%
59	18.268	2596	2598	2599	rVB2	2688	1413	0.11%	0.014%
60	18.380	2615	2617	2622	rVB4	2341	3391	0.28%	0.034%
61	18.504	2634	2638	2642	rBV5	3206	5385	0.44%	0.054%
62	18.662	2661	2665	2668	rVV7	2684	4550	0.37%	0.045%
63	18.698	2668	2671	2676	rVV6	1252	2114	0.17%	0.021%
64	18.768	2679	2683	2684	rBV3	2812	2657	0.22%	0.027%
65	18.809	2688	2690	2695	rBV5	1367	1789	0.15%	0.018%
66	18.898	2703	2705	2707	rVB3	1689	1473	0.12%	0.015%
67	18.957	2712	2715	2717	rVB3	2804	2915	0.24%	0.029%
68	19.198	2752	2756	2759	rVB4	7087	7933	0.64%	0.079%
69	19.274	2764	2769	2772	rBV3	7132	11995	0.97%	0.120%
70	19.374	2782	2786	2795	rBV4	27125	50481	4.10%	0.504%
71	19.515	2806	2810	2812	rVB4	6074	5955	0.48%	0.059%
72	19.633	2825	2830	2846	rBV	913854	1213864	98.55%	12.123%
73	20.103	2907	2910	2916	rVB8	7758	11164	0.91%	0.111%
74	21.086	3073	3077	3087	rBV	166045	237462	19.28%	2.372%
75	21.421	3130	3134	3143	rBV	360131	503718	40.90%	5.031%
76	23.633	3503	3510	3522	rBV	617270	1231725	100.00%	12.302%

LSC Area Percent Report

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Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4939

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

77	23.786	3530	3536	3547	rVB	269250	553799	44.96%	5.531%

Sum of corrected areas: 10012655

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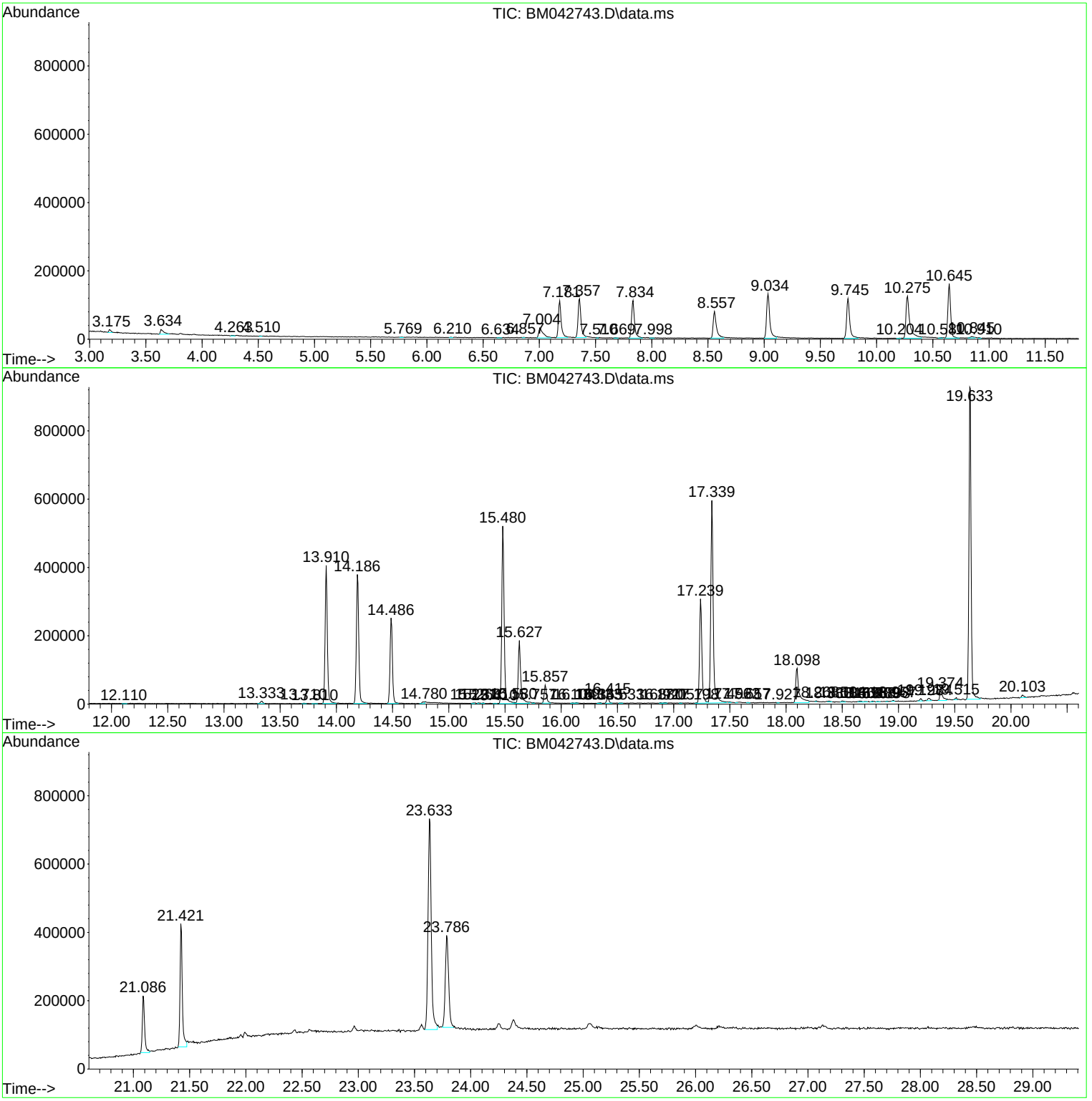
Operator : MA/JU
Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042743.D
Acq On : 14 Nov 2023 20:46
Operator : MA/JU
Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

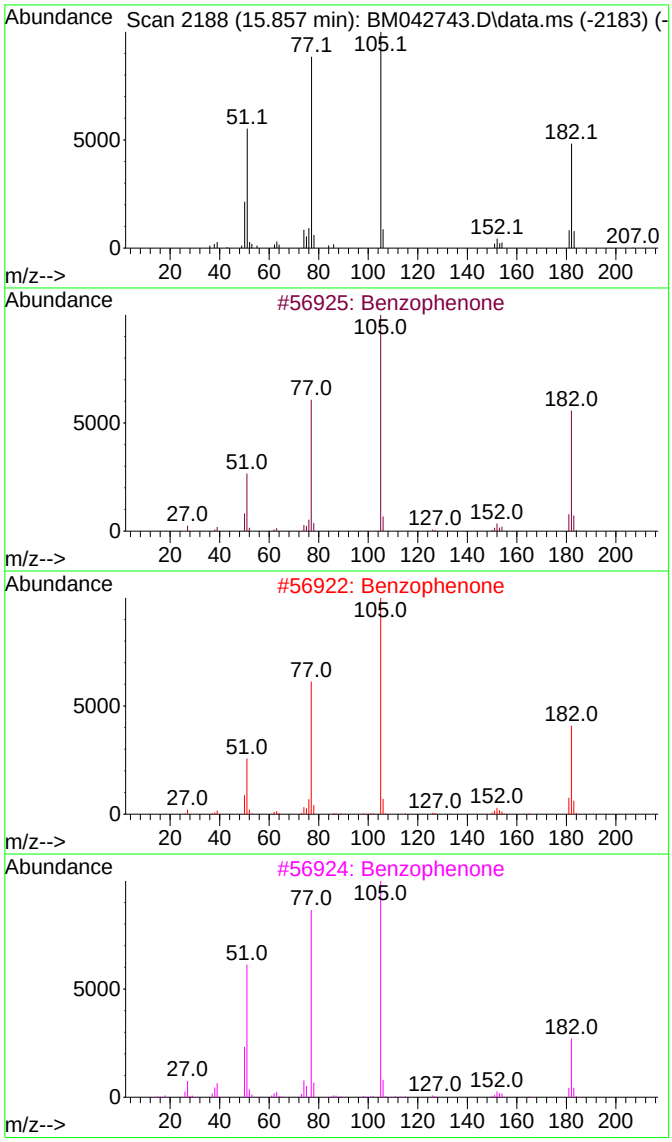
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

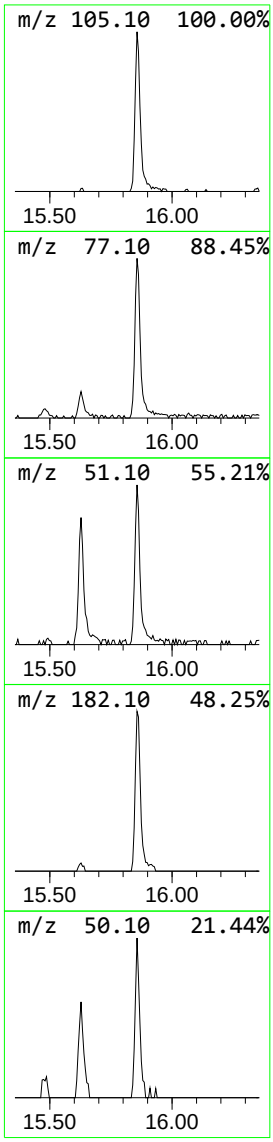
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	4.23 ng/ul	77015	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042743.D
Acq On : 14 Nov 2023 20:46
Operator : MA/JU
Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

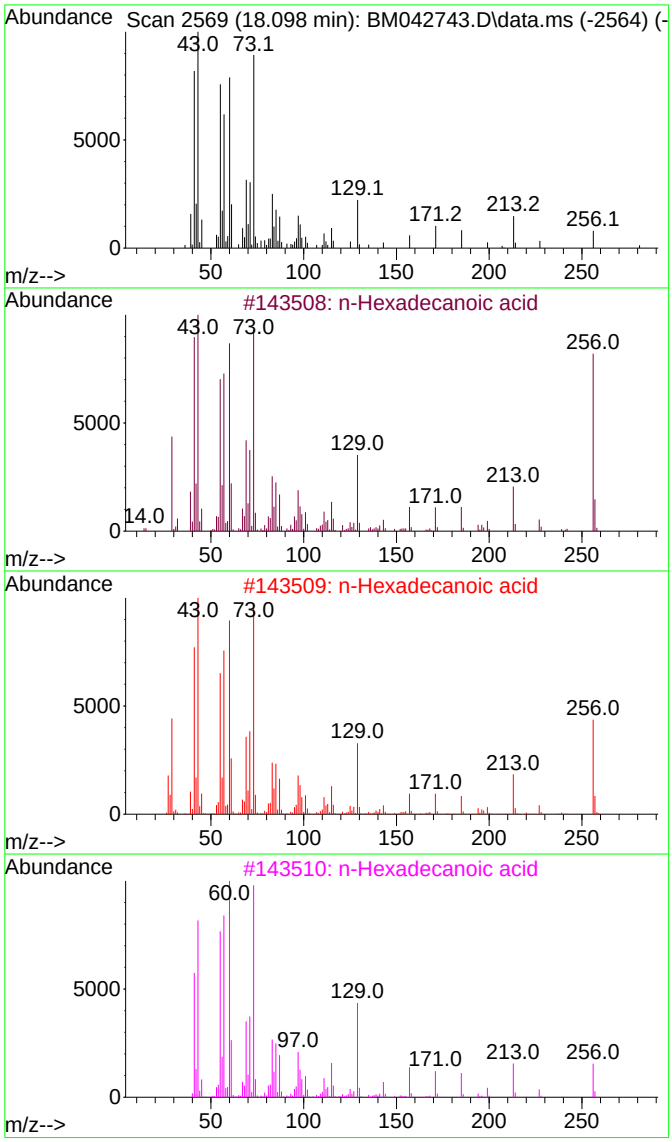
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

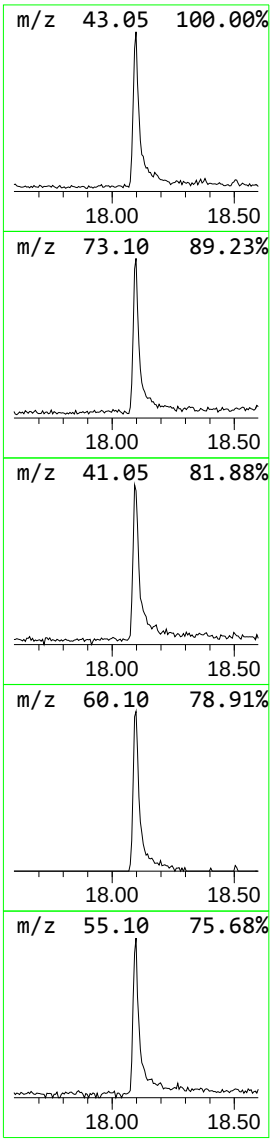
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	9.35 ng/ul	205312	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042743.D
Acq On : 14 Nov 2023 20:46
Operator : MA/JU
Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

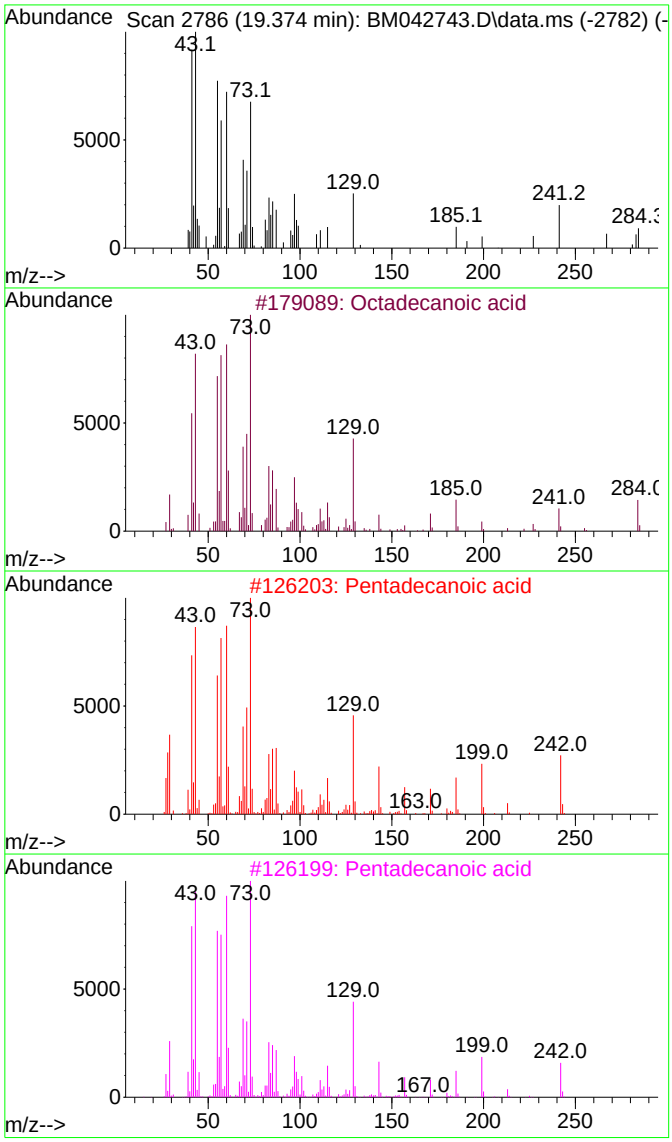
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

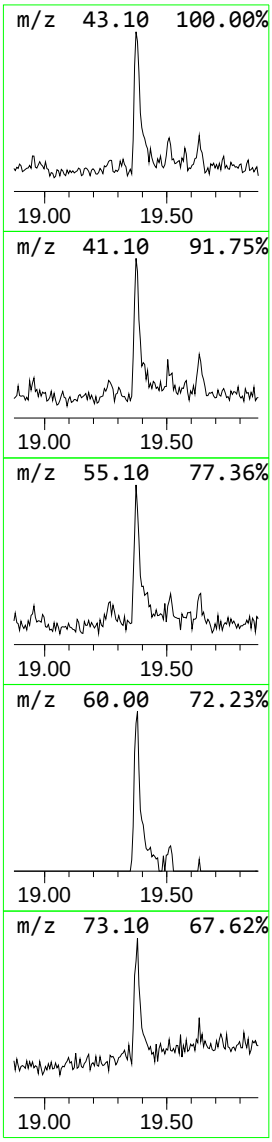
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	2.00 ng/ul	50481	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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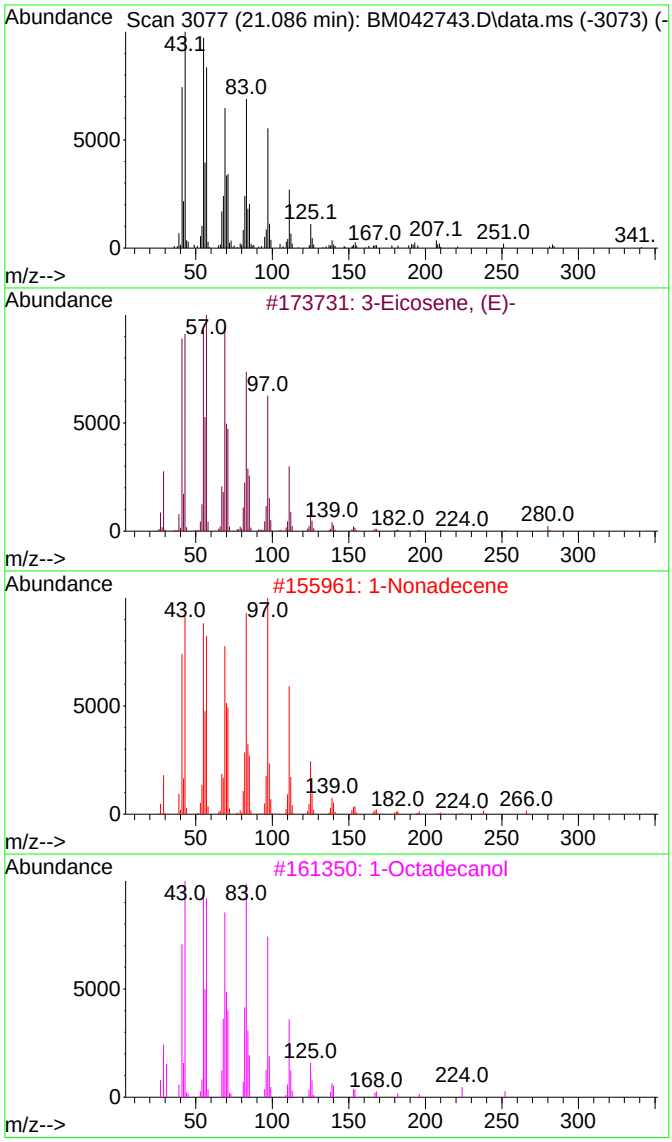
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

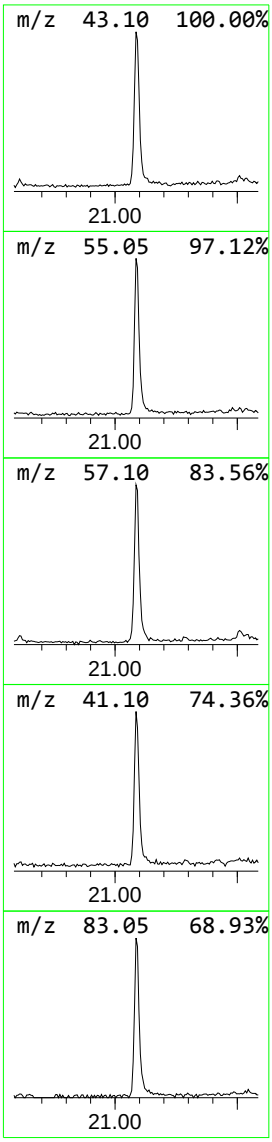
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	9.43 ng/ul	237462	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042743.D
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Operator : MA/JU
Sample : 05057-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.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
Benzophenone	15.857	4.2	ng/ul	77015	3	14.486	364473	20.0
n-Hexadecanoic ...	18.098	9.3	ng/ul	205312	4	17.239	439103	20.0
Octadecanoic acid	19.374	2.0	ng/ul	50481	5	21.421	503718	20.0
(DEL) Alkane: S...	21.086	9.4	ng/ul	237462	5	21.421	503718	20.0