LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

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-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044346.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	43	47	59	rVB	77133	113515	2.14%	0.195%
2	3.646	92	95	110	rBV	54640	99225	1.87%	0.171%
3	3.775	114	117	135	rBV	794535	1234329	23.22%	2.122%
4	4.099	169	172	177	rVB2	16364	23609	0.44%	0.041%
5	4.434	225	229	242	rVB	220643	308132	5.80%	0.530%
6	5.040	327	332	344	rBV	160448	247458	4.66%	0.425%
7	5.663	433	438	444	rVB2	13575	23675	0.45%	0.041%
8	6.028	496	500	503	rBV5	5946	10495	0.20%	0.018%
9	7.093	675	681	695	rBV	991318	1618041	30.44%	2.782%
10	7.275	705	712	725	rBV	860597	1350538	25.41%	2.322%
11	7.457	736	743	753	rBV	1008365	1584704	29.81%	2.725%
12	7.934	817	824	832	rVB	696150	1121112	21.09%	1.928%
13	8.004	832	836	837	rBV3	4926	5994	0.11%	0.010%
14	8.645	937	945	955	rBV	1166168	1923403	36.18%	3.307%
15	9.098	1014	1022	1035	rBV	884545	1502547	28.27%	2.583%
16	9.263	1047	1050	1059	rVB9	6797	13006	0.24%	0.022%
17	9.492	1084	1089	1096	rVB4	9862	18344	0.35%	0.032%
18	9.686	1116	1122	1132	rVB	39287	74647	1.40%	0.128%
19	9.822	1138	1145	1157	rBV	724485	1190735	22.40%	2.047%
20	10.357	1227	1236	1257	rBV	1059501	1863458	35.06%	3.204%
21	10.733	1292	1300	1309	rBV	969330	1634957	30.76%	2.811%
22	10.881	1316	1325	1348	rBV	1062871	1984378	37.33%	3.412%
23	11.310	1393	1398	1406	rVB8	9191	19855	0.37%	0.034%
24	11.498	1424	1430	1444	rBV	55152	119391	2.25%	0.205%
25	12.163	1539	1543	1550	rBV6	5941	11220	0.21%	0.019%
26	12.269	1553	1561	1562	rBV6	7850	15803	0.30%	0.027%
27	12.327	1566	1571	1577	rVB2	23078	38013	0.72%	0.065%
28	13.404	1750	1754	1762	rBV4	15591	23948	0.45%	0.041%
29	13.480	1762	1767	1773	rBV2	27038	44692	0.84%	0.077%
30	13.551	1773	1779	1782	rBV6	5088	8320	0.16%	0.014%
31	13.998	1848	1855	1866	rBV	1862305	2678051	50.38%	4.604%
32	14.269	1890	1901	1915	rBV	2248718	3416621	64.28%	5.874%
33	14.480	1933	1937	1939	rBV4	4218	5786	0.11%	0.010%
34	14.574	1946	1953	1961	rBV	1392741	2078810	39.11%	3.574%
35	14.780	1981	1988	2013	rBV	608034	1403479	26.40%	2.413%
36	14.992	2021	2024	2035	rVB	12105	32142	0.60%	0.055%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

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-BM022324.MA.M
Title : SVOA CALIBRATION

37	15.374	2084	2089	2092	rBV7	6247	11171	0.21%	0.019%
38	15.568	2114	2122	2134	rBV	2892241	4176063	78.56%	7.180%
39	15.686	2137	2142	2154	rVV	812924	1177536	22.15%	2.025%
40	15.810	2159	2163	2172	rVB5	14914	30524	0.57%	0.052%
41	16.133	2211	2218	2222	rBV9	5196	10578	0.20%	0.018%
42	16.233	2232	2235	2238	rBV5	3950	5803	0.11%	0.010%
43	16.298	2241	2246	2247	rBV5	6721	9347	0.18%	0.016%
44	16.351	2251	2255	2262	rVB5	9742	15712	0.30%	0.027%
45	16.468	2271	2275	2280	rVB7	5186	10119	0.19%	0.017%
46	16.733	2317	2320	2324	rVB5	5772	7636	0.14%	0.013%
47	17.092	2378	2381	2387	rBV6	5186	10975	0.21%	0.019%
48	17.321	2414	2420	2427	rBV	1706860	2448574	46.06%	4.210%
49	17.421	2431	2437	2449	rVV	3190336	4473620	84.16%	7.691%
50	17.527	2452	2455	2461	rVB5	21956	34216	0.64%	0.059%
51	17.721	2483	2488	2490	rBV6	11002	16658	0.31%	0.029%
52	17.839	2504	2508	2511	rVB5	5316	6723	0.13%	0.012%
53	18.009	2534	2537	2542	rVB5	11008	15569	0.29%	0.027%
54	18.080	2544	2549	2551	rBV6	4965	8074	0.15%	0.014%
55	18.233	2570	2575	2587	rBV	352078	541475	10.19%	0.931%
56	18.668	2646	2649	2653	rBV4	16245	19953	0.38%	0.034%
57	18.904	2686	2689	2692	rBV4	5057	7583	0.14%	0.013%
58	19.286	2749	2754	2759	rBV2	44933	63679	1.20%	0.109%
59	19.356	2762	2766	2770	rBV	35160	56241	1.06%	0.097%
60	19.398	2770	2773	2775	rVB3	14795	16243	0.31%	0.028%
61	19.515	2789	2793	2801	rBV2	123069	163169	3.07%	0.281%
62	19.674	2817	2820	2821	rBV3	9505	9052	0.17%	0.016%
63	19.721	2822	2828	2837	rVV	3830732	5239830	98.58%	9.009%
64	20.286	2922	2924	2929	rVB5	19389	22526	0.42%	0.039%
65	21.250	3083	3088	3098	rBV	491410	822205	15.47%	1.414%
66	21.521	3129	3134	3151	rBV	2001377	2699648	50.79%	4.641%
67	21.703	3162	3165	3170	rBV3	50956	72921	1.37%	0.125%
68	23.780	3510	3518	3531	rVB	2686160	5315576	100.00%	9.139%
69	23.933	3538	3544	3555	rVB	1342605	2801923	52.71%	4.817%

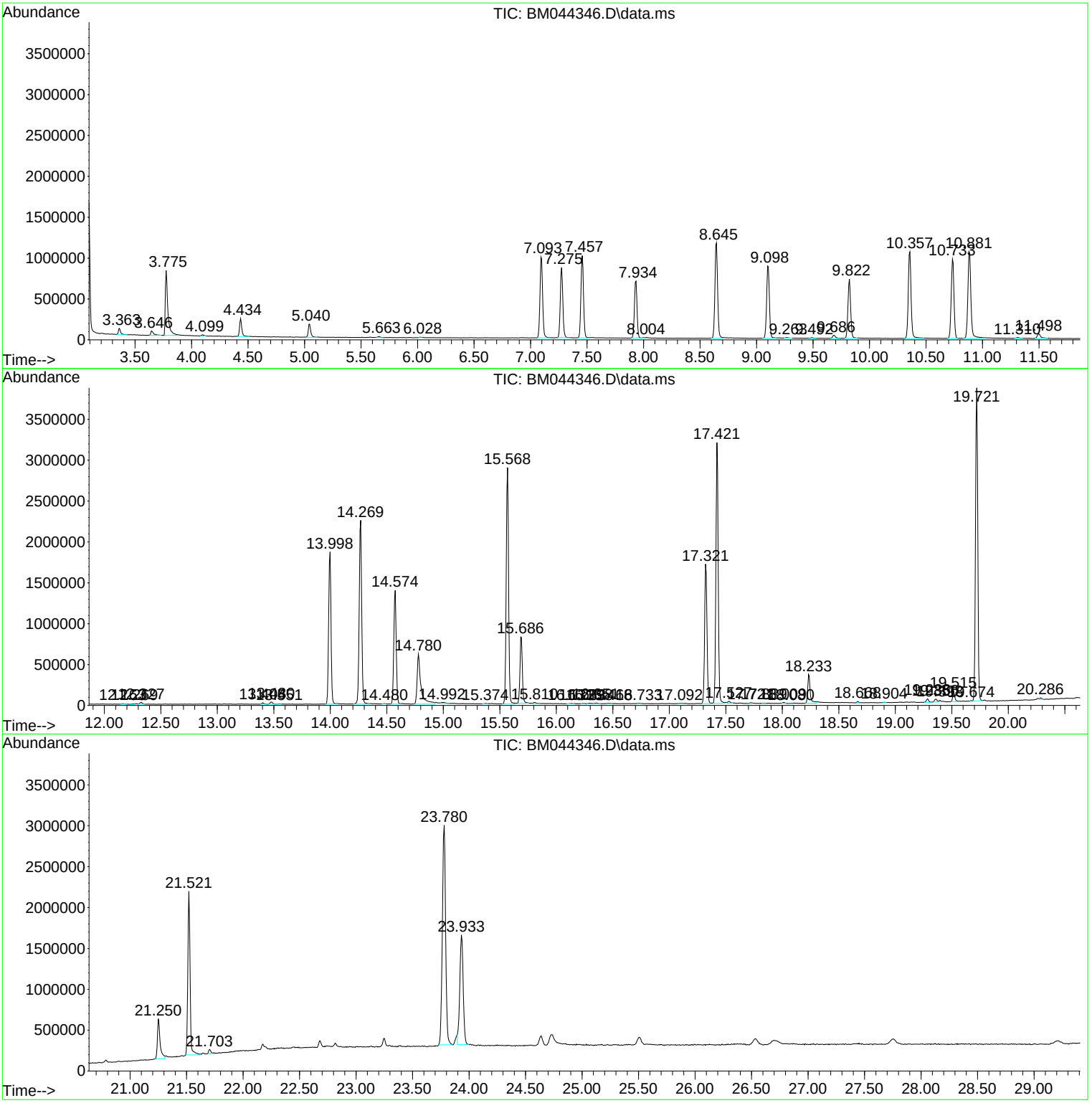
Sum of corrected areas: 58163355

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

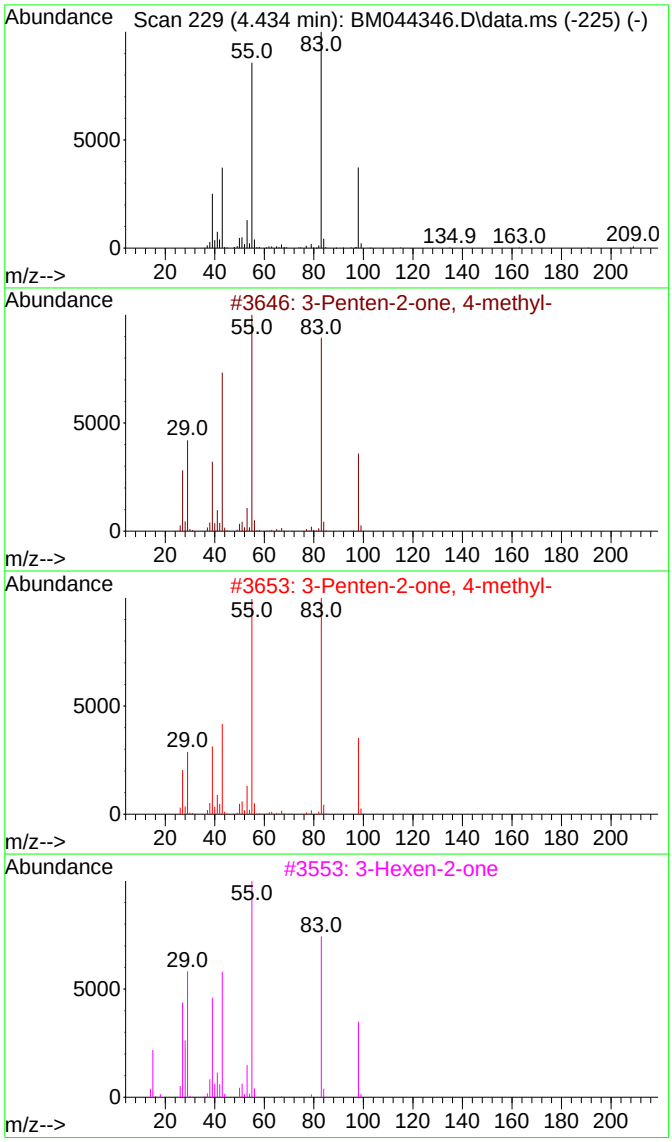
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

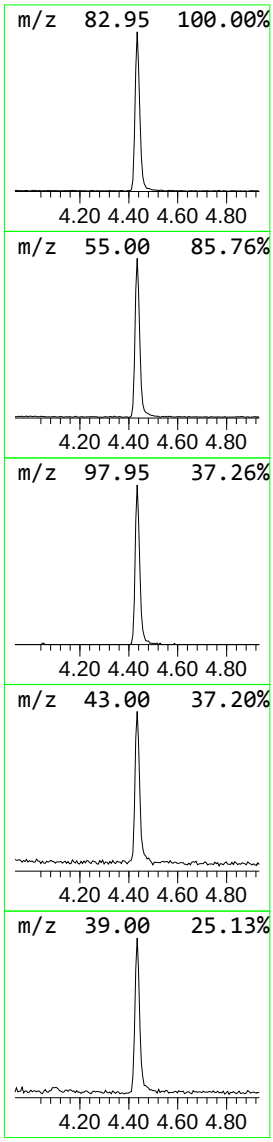
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.434	5.50 ng/ul	308132	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

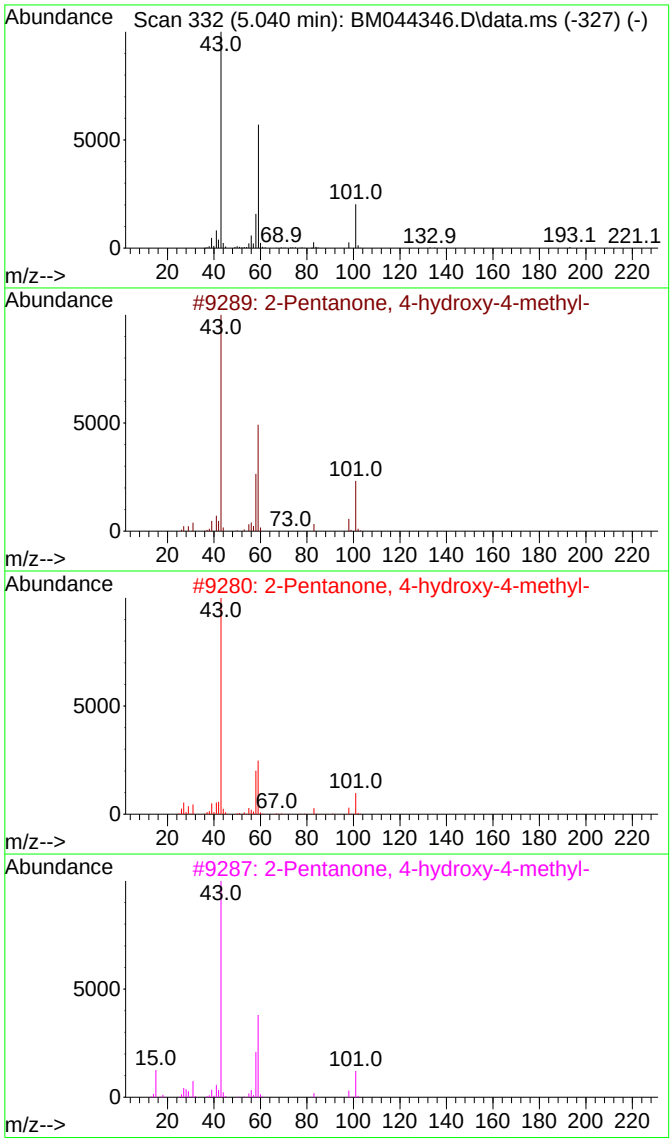
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

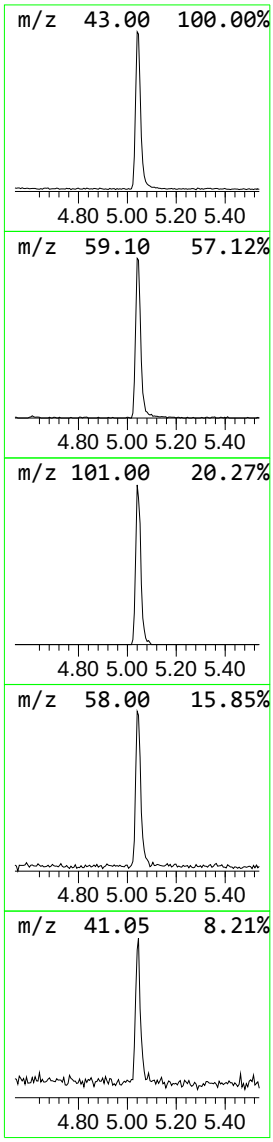
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	4.41 ng/ul	247458	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

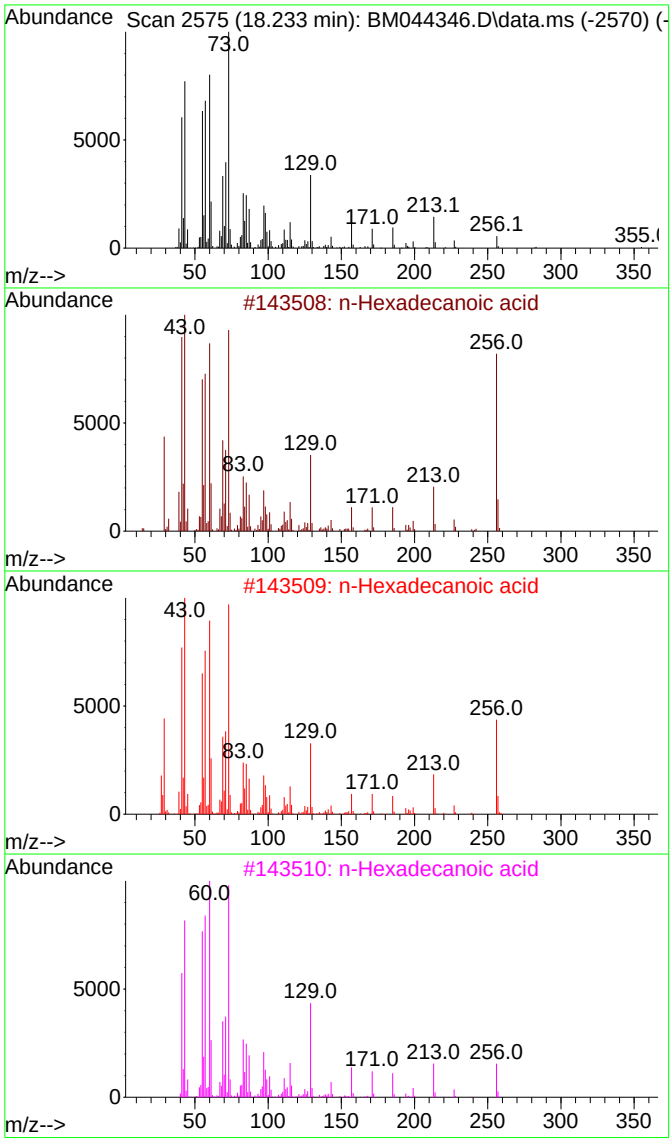
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

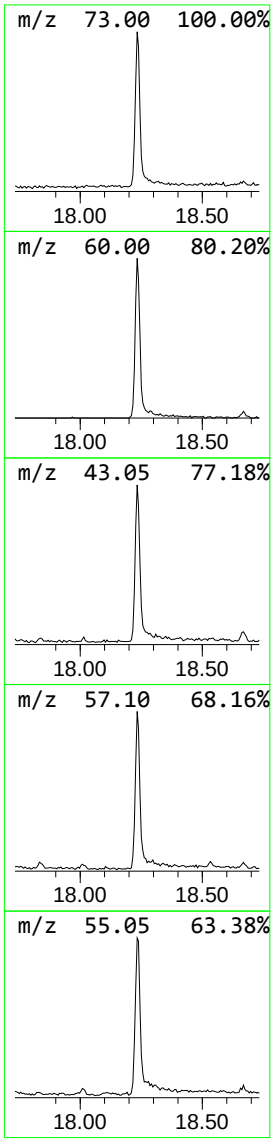
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	4.42 ng/ul	541475	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

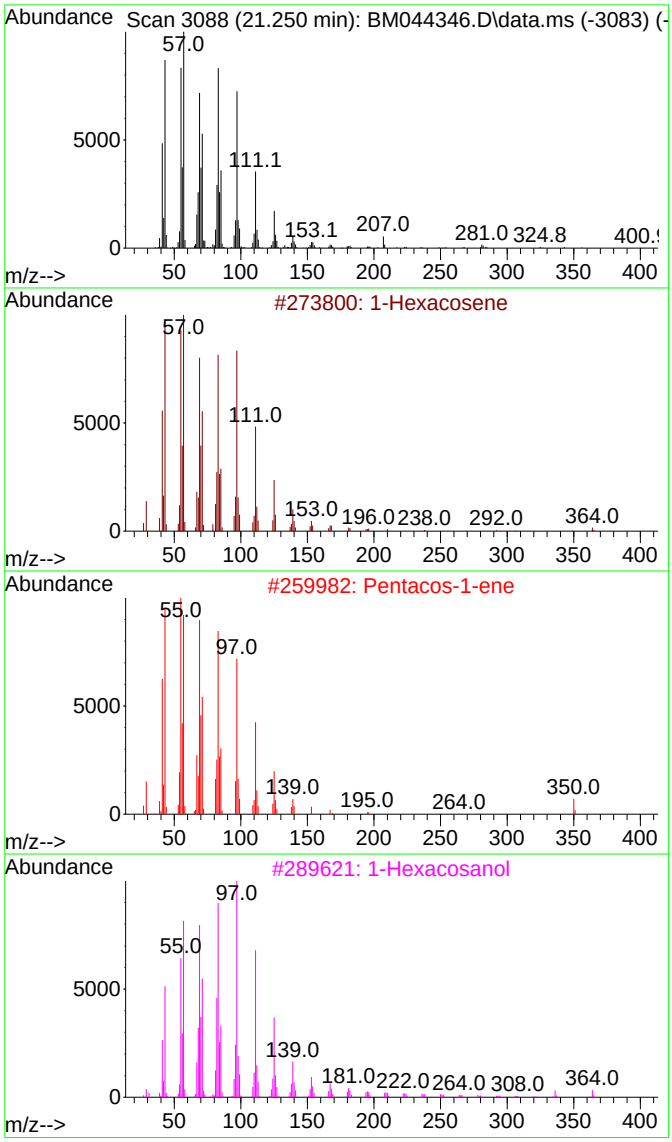
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

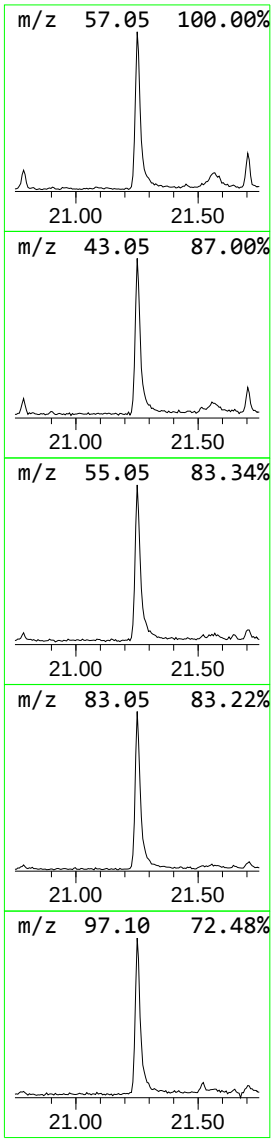
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	6.09 ng/ul	822205	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Octacosanol	410	C28H58O	000557-61-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044346.D
Acq On : 27 Feb 2024 00:13
Operator : MA/JU
Sample : P1442-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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
3-Penten-2-one,...	4.434	5.5	ng/ul	308132	1	7.934	1121110	20.0
2-Pentanone, 4-...	5.040	4.4	ng/ul	247458	1	7.934	1121110	20.0
n-Hexadecanoic ...	18.233	4.4	ng/ul	541475	4	17.321	2448570	20.0
(DEL) Alkane: S...	21.250	6.1	ng/ul	822205	5	21.521	2699650	20.0