LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

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-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP024016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	31	34	42	rVB	96381	122859	0.20%	0.070%
2	3.705	101	105	118	rBV	234424	396333	0.65%	0.227%
3	5.970	485	490	503	rBV	133991	245706	0.40%	0.141%
4	6.781	621	628	636	rBV	34900	61380	0.10%	0.035%
5	6.952	646	657	673	rVB2	589653	1143159	1.87%	0.655%
6	7.099	676	682	687	rVV	1614160	2392600	3.92%	1.371%
7	7.140	687	689	699	rVB	147374	193106	0.32%	0.111%
8	7.305	711	717	730	rVB	1933094	2885290	4.72%	1.654%
9	7.764	788	795	802	rBV	1473828	2328003	3.81%	1.334%
10	7.834	802	807	822	rVB	63674	123318	0.20%	0.071%
11	8.469	907	915	921	rBV	1693224	2701772	4.42%	1.549%
12	8.522	921	924	935	rVB	53275	100809	0.17%	0.058%
13	8.905	982	989	1001	rVB	1765443	2893371	4.74%	1.659%
14	9.340	1053	1063	1069	rBV	38171	64488	0.11%	0.037%
15	9.463	1076	1084	1097	rVB	104934	169053	0.28%	0.097%
16	9.622	1103	1111	1118	rBV	1471248	2299698	3.76%	1.318%
17	9.863	1147	1152	1160	rVV	65607	108967	0.18%	0.062%
18	10.163	1195	1203	1215	rBV	2616789	4153180	6.80%	2.381%
19	10.534	1258	1266	1274	rBV	2200224	3487944	5.71%	1.999%
20	10.669	1280	1289	1305	rBV	1215823	2155808	3.53%	1.236%
21	11.869	1488	1493	1502	rVB2	59034	97376	0.16%	0.056%
22	12.122	1524	1536	1539	rBV2	35913	65114	0.11%	0.037%
23	12.157	1539	1542	1558	rVB2	43345	92239	0.15%	0.053%
24	12.657	1621	1627	1630	rVV	107038	155115	0.25%	0.089%
25	12.693	1630	1633	1642	rVB5	40199	80112	0.13%	0.046%
26	13.787	1810	1819	1830	rVV	4011578	5709341	9.34%	3.273%
27	13.922	1836	1842	1856	rVB	309706	461991	0.76%	0.265%
28	14.069	1856	1867	1878	rBV2	4658633	7261314	11.89%	4.162%
29	14.381	1913	1920	1931	rBV	3283591	4613462	7.55%	2.645%
30	14.598	1951	1957	1968	rBV	405065	720086	1.18%	0.413%
31	14.893	1987	2007	2009	rBV2	18913268	61095362	100.00%	35.021%
32	15.387	2085	2091	2098	rBV	6740201	9164061	15.00%	5.253%
33	15.504	2105	2111	2119	rBV	1743791	2297875	3.76%	1.317%
34	15.757	2149	2154	2161	rVB	1163578	1514470	2.48%	0.868%
35	16.045	2199	2203	2208	rBV	144653	209975	0.34%	0.120%
36	16.157	2218	2222	2226	rVB	49428	61700	0.10%	0.035%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

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-BP012925.MA.M
Title : SVOA CALIBRATION

37	16.310	2243	2248	2256	rBV2	147293	288006	0.47%	0.165%
38	16.422	2264	2267	2275	rVB3	42576	68101	0.11%	0.039%
39	16.557	2280	2290	2297	rBV10	108513	381785	0.62%	0.219%
40	16.616	2297	2300	2304	rVV	86469	123705	0.20%	0.071%
41	16.663	2304	2308	2315	rVB	99935	166861	0.27%	0.096%
42	17.169	2388	2394	2400	rBV2	4388919	5514248	9.03%	3.161%
43	17.275	2405	2412	2421	rVB	7353645	10159576	16.63%	5.824%
44	17.875	2510	2514	2521	rVB3	64222	78840	0.13%	0.045%
45	18.116	2550	2555	2565	rBV	968364	1503295	2.46%	0.862%
46	18.422	2603	2607	2616	rBV4	109044	227508	0.37%	0.130%
47	19.028	2708	2710	2717	rVB6	47469	75620	0.12%	0.043%
48	19.198	2735	2739	2743	rVB	86881	112816	0.18%	0.065%
49	19.263	2747	2750	2755	rVV	76703	94783	0.16%	0.054%
50	19.445	2777	2781	2790	rBV	272267	432418	0.71%	0.248%
51	19.604	2805	2808	2810	rBV2	53432	71708	0.12%	0.041%
52	19.645	2810	2815	2821	rVV	8999650	11634966	19.04%	6.669%
53	19.934	2860	2864	2874	rVB	339138	466206	0.76%	0.267%
54	21.616	3145	3150	3158	rVB2	3674720	5599608	9.17%	3.210%
55	24.739	3671	3681	3700	rVB	3527140	10216223	16.72%	5.856%
56	24.963	3711	3719	3732	rVB	2372957	5610104	9.18%	3.216%

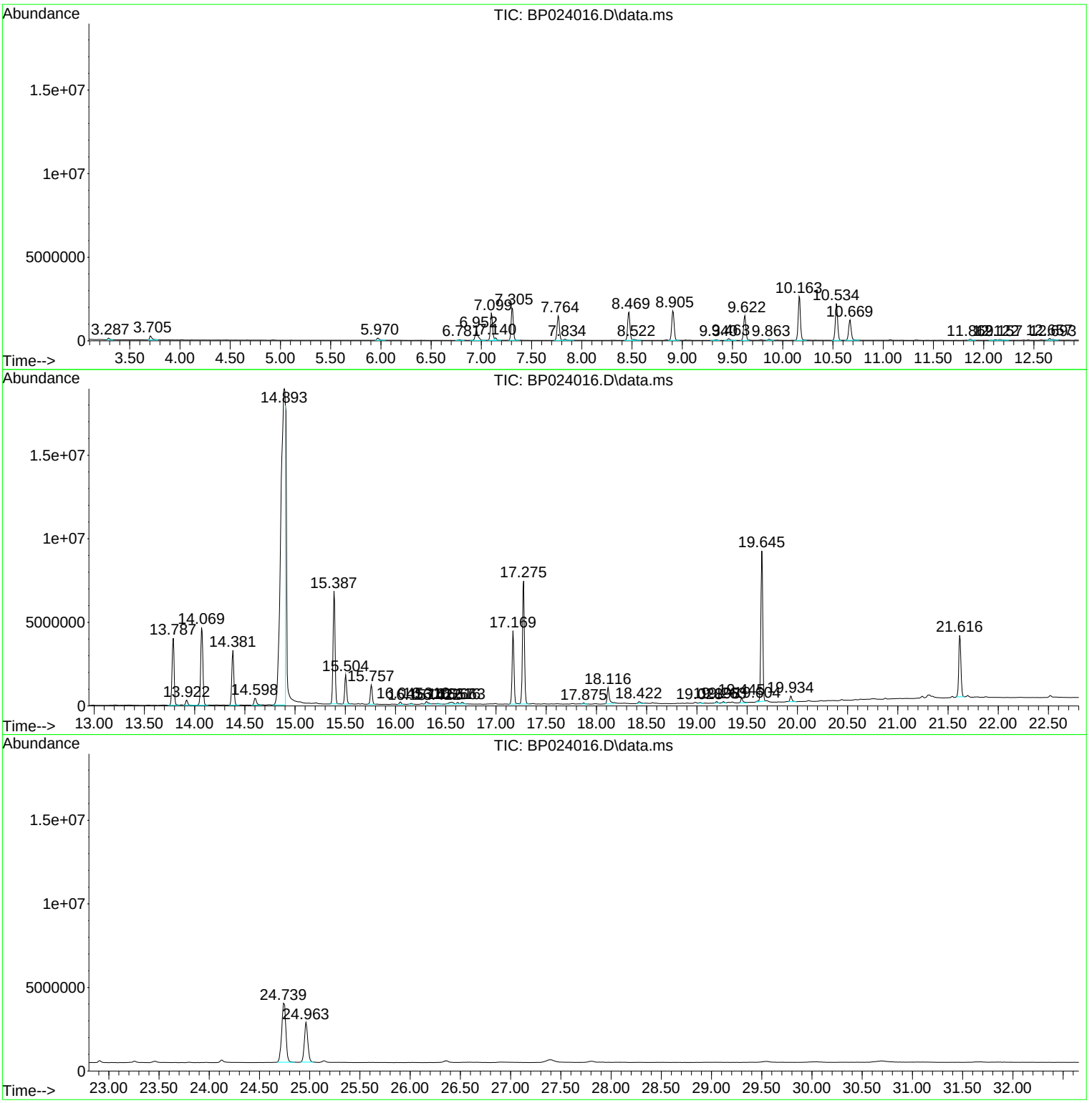
Sum of corrected areas: 174452814

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

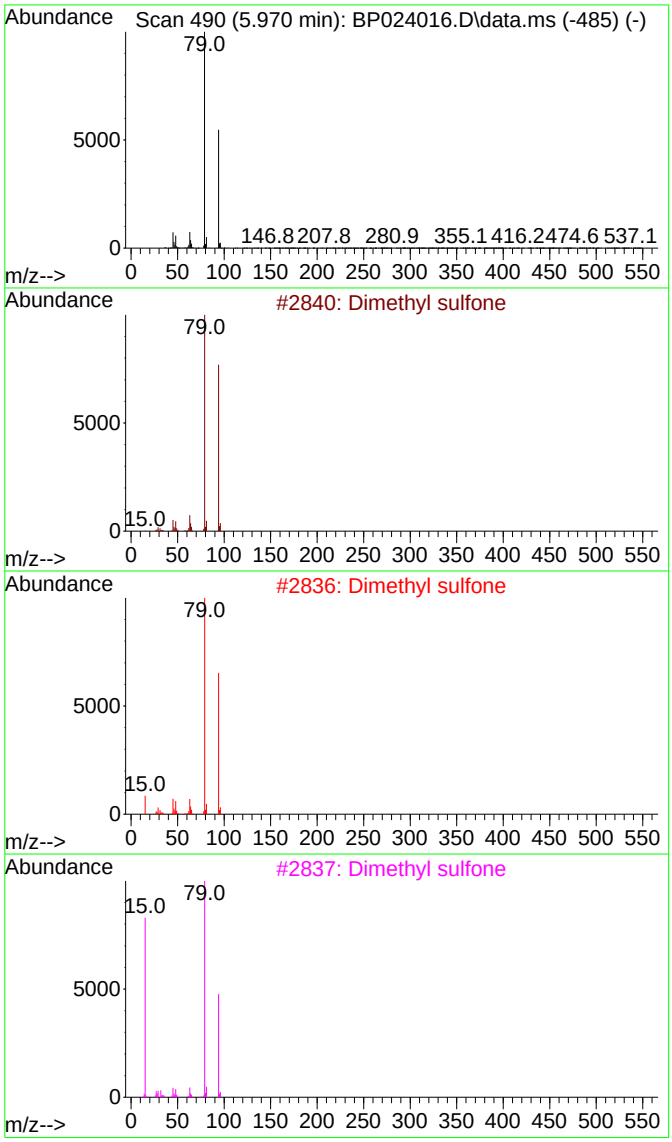
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

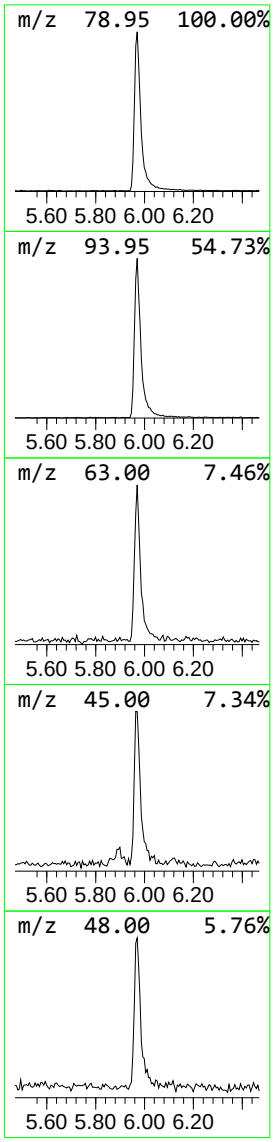
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl sulfone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.970	2.11 ng/ul	245706	1,4-Dichlorobenzene-d4	7.764

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfone	94	C2H6O2S	000067-71-0	94
2	Dimethyl sulfone	94	C2H6O2S	000067-71-0	91
3	Dimethyl sulfone	94	C2H6O2S	000067-71-0	90
4	Dimethyl sulfone	94	C2H6O2S	000067-71-0	70
5	Dimethyl sulfone	94	C2H6O2S	000067-71-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

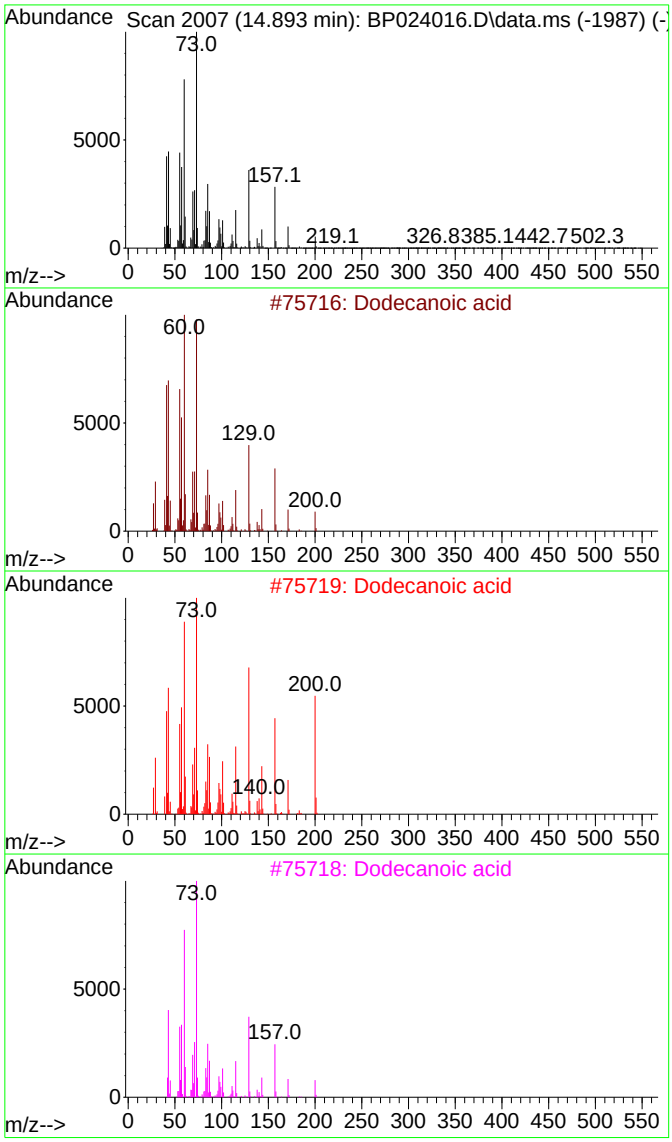
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

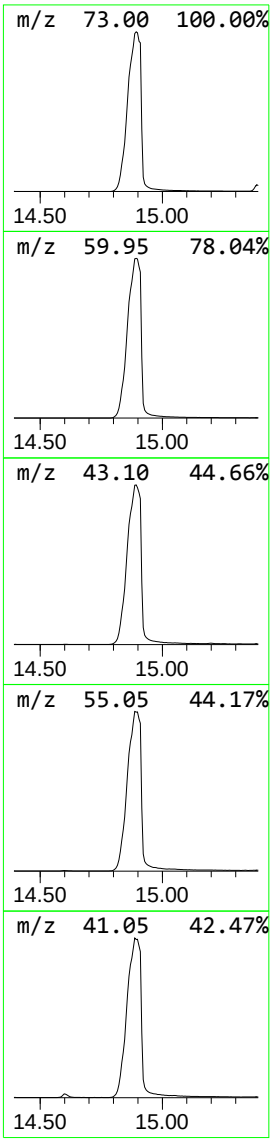
****

Peak Number 3 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.893	264.86 ng/ul	61095400	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	Dodecanoic acid	200	C12H24O2	000143-07-7	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	93
4	Dodecanoic acid	200	C12H24O2	000143-07-7	93
5	Dodecanoic acid	200	C12H24O2	000143-07-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

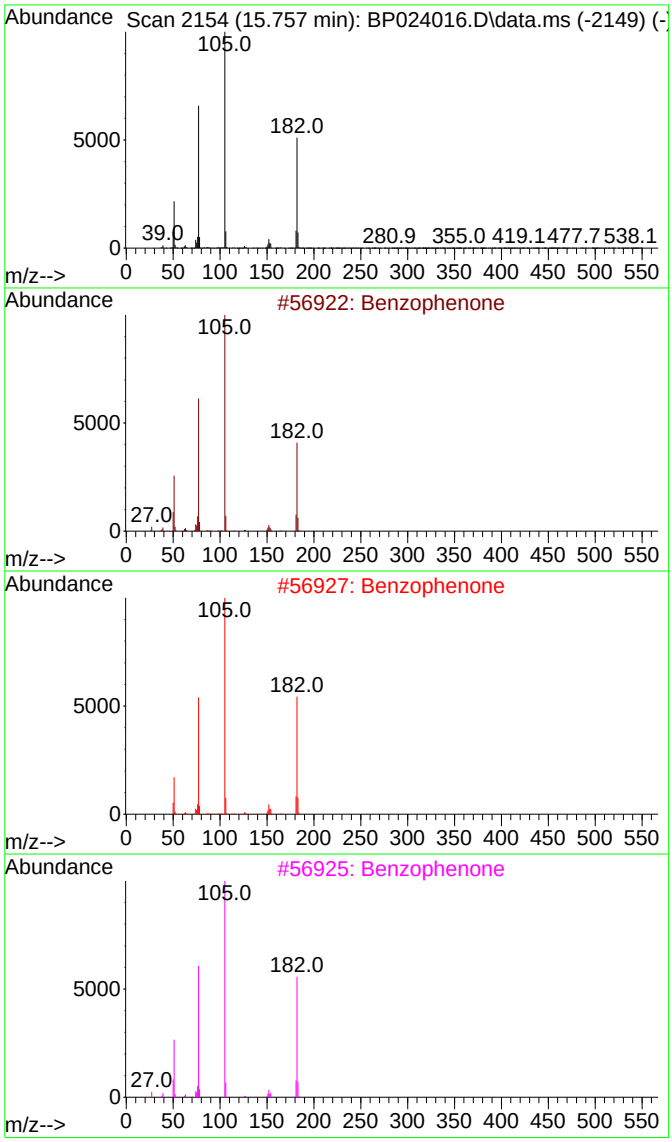
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

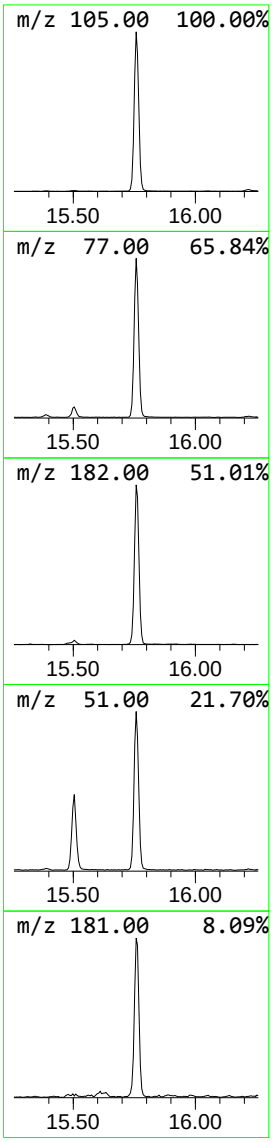
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	6.57 ng/ul	1514470	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

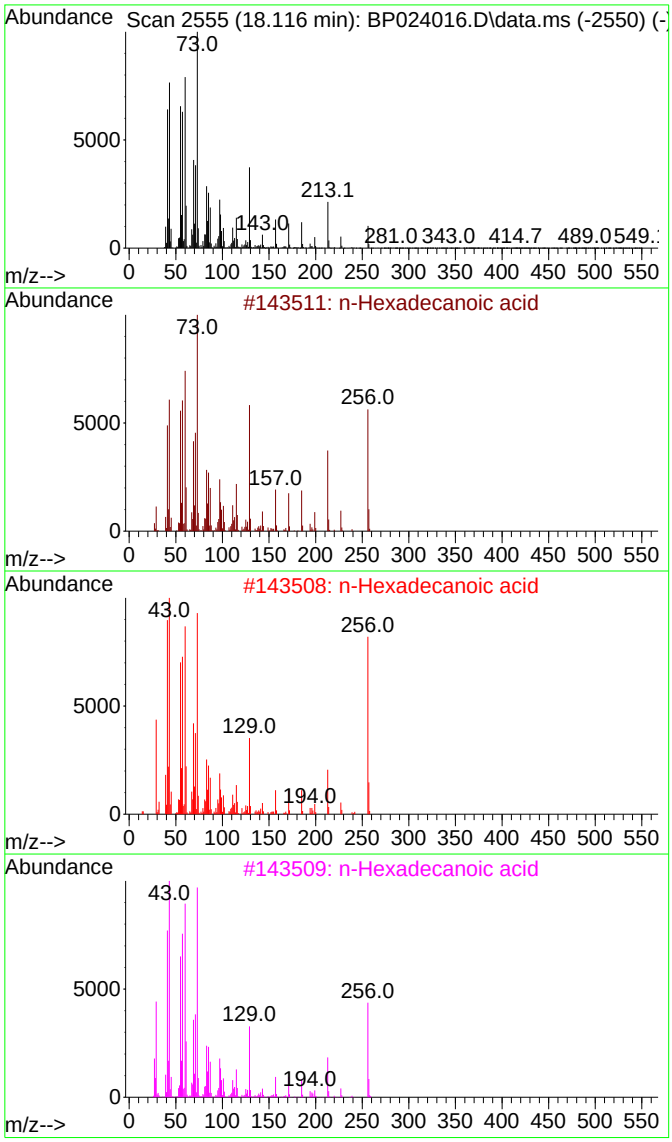
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

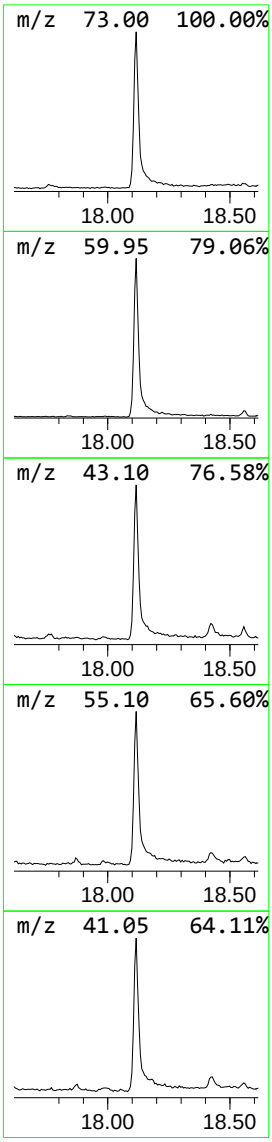
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	5.45 ng/ul	1503300	Phenanthrene-d10	17.169

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	99
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024016.D
Acq On : 10 Feb 2025 17:12
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E29D1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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
Dimethyl sulfone	5.970	2.1	ng/ul	245706	1	7.764	2328000	20.0
Dodecanoic acid	14.893	264.9	ng/ul	61095400	3	14.381	4613460	20.0
Benzophenone	15.757	6.6	ng/ul	1514470	3	14.381	4613460	20.0
n-Hexadecanoic ...	18.116	5.5	ng/ul	1503300	4	17.169	5514250	20.0