LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0MJ9

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-BP041823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014729.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	3	5	27	rVB	809551	915195	13.45%	1.465%
2	3.487	47	51	57	rBV	42827	53249	0.78%	0.085%
3	3.775	94	100	105	rBV3	6614	13245	0.19%	0.021%
4	3.922	122	125	147	rBV	197563	330908	4.86%	0.530%
5	4.263	179	183	191	rVB	17237	24764	0.36%	0.040%
6	5.205	336	343	351	rVB8	5182	9873	0.15%	0.016%
7	5.428	374	381	388	rBV	338084	512369	7.53%	0.820%
8	5.652	414	419	425	rVB	6383	10368	0.15%	0.017%
9	6.528	563	568	578	rBV	24635	40318	0.59%	0.065%
10	7.287	688	697	704	rBV	176607	284794	4.19%	0.456%
11	7.469	719	728	742	rVB	800286	1228785	18.06%	1.967%
12	7.675	756	763	773	rBV	705228	1095598	16.10%	1.754%
13	7.763	773	778	783	rVB8	5204	8257	0.12%	0.013%
14	8.046	820	826	832	rVB	22613	36871	0.54%	0.059%
15	8.152	838	844	849	rBV	656532	1100028	16.17%	1.761%
16	8.510	897	905	911	rBV	109888	181093	2.66%	0.290%
17	8.851	955	963	973	rBV	433596	740228	10.88%	1.185%
18	9.246	1025	1030	1035	rBV9	5916	10591	0.16%	0.017%
19	9.322	1035	1043	1054	rBV	829952	1354567	19.91%	2.168%
20	9.475	1067	1069	1076	rVB8	5586	9839	0.14%	0.016%
21	9.746	1108	1115	1121	rVB	71621	109676	1.61%	0.176%
22	10.051	1158	1167	1181	rBV	540450	869676	12.78%	1.392%
23	10.328	1209	1214	1219	rVB3	7838	14010	0.21%	0.022%
24	10.587	1249	1258	1278	rBV	990222	1640276	24.11%	2.625%
25	10.751	1281	1286	1291	rVB7	3827	7035	0.10%	0.011%
26	10.840	1295	1301	1306	rBV	32161	51039	0.75%	0.082%
27	10.887	1306	1309	1315	rVB3	8335	13644	0.20%	0.022%
28	10.981	1317	1325	1333	rBV	939713	1549895	22.78%	2.481%
29	11.110	1339	1347	1364	rVB	588332	985126	14.48%	1.577%
30	11.369	1387	1391	1399	rVB10	6488	13438	0.20%	0.022%
31	11.792	1457	1463	1467	rVB6	8223	15734	0.23%	0.025%
32	12.098	1509	1515	1522	rVB2	12397	20417	0.30%	0.033%
33	12.240	1530	1539	1544	rBV	40552	62319	0.92%	0.100%
34	12.551	1586	1592	1601	rVV	21763	35001	0.51%	0.056%
35	12.628	1601	1605	1611	rVB8	5763	8920	0.13%	0.014%
36	12.769	1623	1629	1634	rBV10	3965	7383	0.11%	0.012%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0MJ9

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-BP041823.M
Title : SVOA CALIBRATION

37	12.957	1657	1661	1663	rBV6	7227	10013	0.15%	0.016%
38	12.987	1663	1666	1674	rVB6	10554	16674	0.25%	0.027%
39	13.163	1689	1696	1699	rBV8	3262	7633	0.11%	0.012%
40	13.587	1763	1768	1776	rBV5	40352	70240	1.03%	0.112%
41	13.675	1778	1783	1787	rVB	18446	28699	0.42%	0.046%
42	13.775	1795	1800	1802	rBV6	6892	11226	0.17%	0.018%
43	13.904	1818	1822	1827	rBV7	4698	7383	0.11%	0.012%
44	14.104	1851	1856	1862	rBV9	2825	7583	0.11%	0.012%
45	14.181	1862	1869	1881	rBV	2282445	3246757	47.72%	5.197%
46	14.304	1887	1890	1895	rBV7	5693	9121	0.13%	0.015%
47	14.481	1912	1920	1927	rBV	2707069	3823509	56.20%	6.120%
48	14.610	1940	1942	1950	rVB9	4039	8184	0.12%	0.013%
49	14.786	1962	1972	1978	rBV	1489526	2158829	31.73%	3.455%
50	14.951	1994	2000	2009	rBV	147366	242409	3.56%	0.388%
51	15.098	2017	2025	2029	rBV7	25028	49422	0.73%	0.079%
52	15.186	2036	2040	2044	rVB7	6354	10008	0.15%	0.016%
53	15.516	2089	2096	2104	rBV	780357	1032242	15.17%	1.652%
54	15.586	2104	2108	2113	rVB	88450	122801	1.81%	0.197%
55	15.775	2133	2140	2151	rBV	3516117	5026375	73.88%	8.045%
56	15.875	2151	2157	2167	rVV	617575	853728	12.55%	1.367%
57	16.016	2176	2181	2189	rBV4	23674	49274	0.72%	0.079%
58	16.133	2195	2201	2208	rBV	770476	1031541	15.16%	1.651%
59	16.439	2246	2253	2254	rBV2	75982	108833	1.60%	0.174%
60	16.510	2260	2265	2270	rVB	73066	104759	1.54%	0.168%
61	16.704	2293	2298	2303	rBV	33832	51423	0.76%	0.082%
62	17.333	2400	2405	2410	rBV2	67809	107317	1.58%	0.172%
63	17.533	2433	2439	2445	rBV	1914834	2691455	39.56%	4.308%
64	17.633	2450	2456	2465	rVV	3885530	5446918	80.06%	8.718%
65	17.939	2505	2508	2513	rBV4	40729	59699	0.88%	0.096%
66	18.398	2581	2586	2596	rBV	503475	783645	11.52%	1.254%
67	19.427	2758	2761	2767	rVB5	47555	61398	0.90%	0.098%
68	19.621	2789	2794	2807	rBV	1249628	1793356	26.36%	2.870%
69	19.851	2827	2833	2842	rVB	4925093	6732323	98.96%	10.776%
70	21.286	3073	3077	3082	rBV2	137330	183230	2.69%	0.293%
71	21.610	3126	3132	3142	rVB	2212033	2940545	43.22%	4.707%
72	22.780	3326	3331	3343	rBV3	187840	398875	5.86%	0.638%
73	24.021	3533	3542	3550	rBV2	3249587	6803174	100.00%	10.889%
74	24.186	3563	3570	3582	rVB2	1453431	3020339	44.40%	4.834%

Sum of corrected areas: 62475469

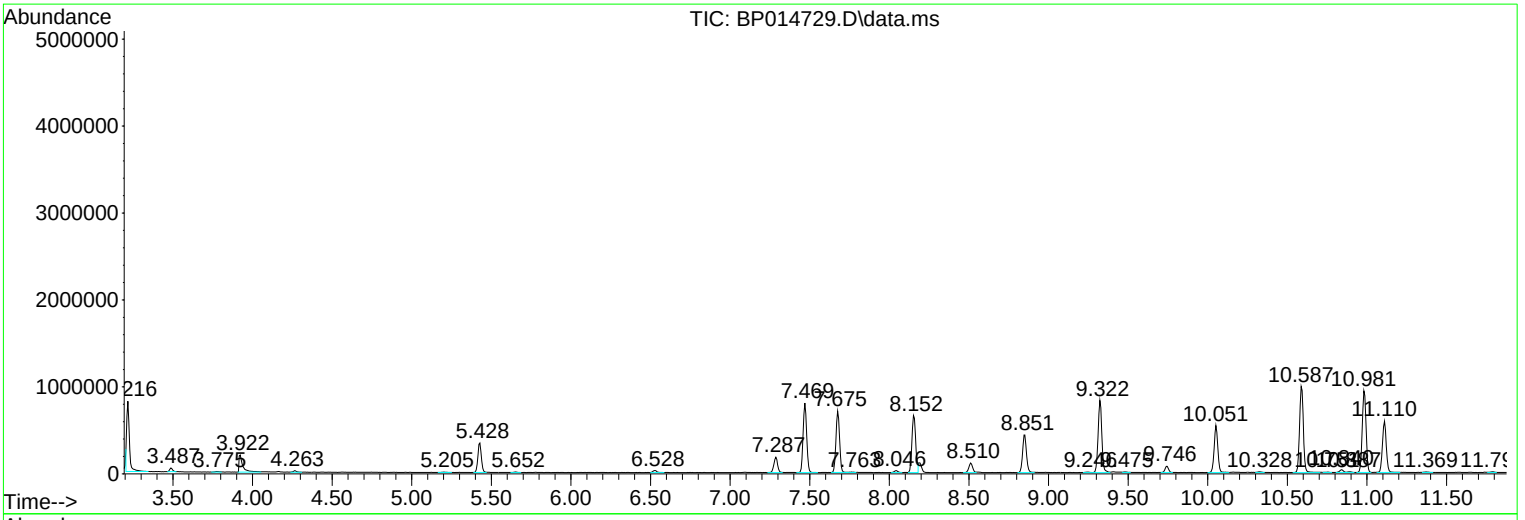
Instrument :
BNA_P
ClientSampleId :
C0MJ9

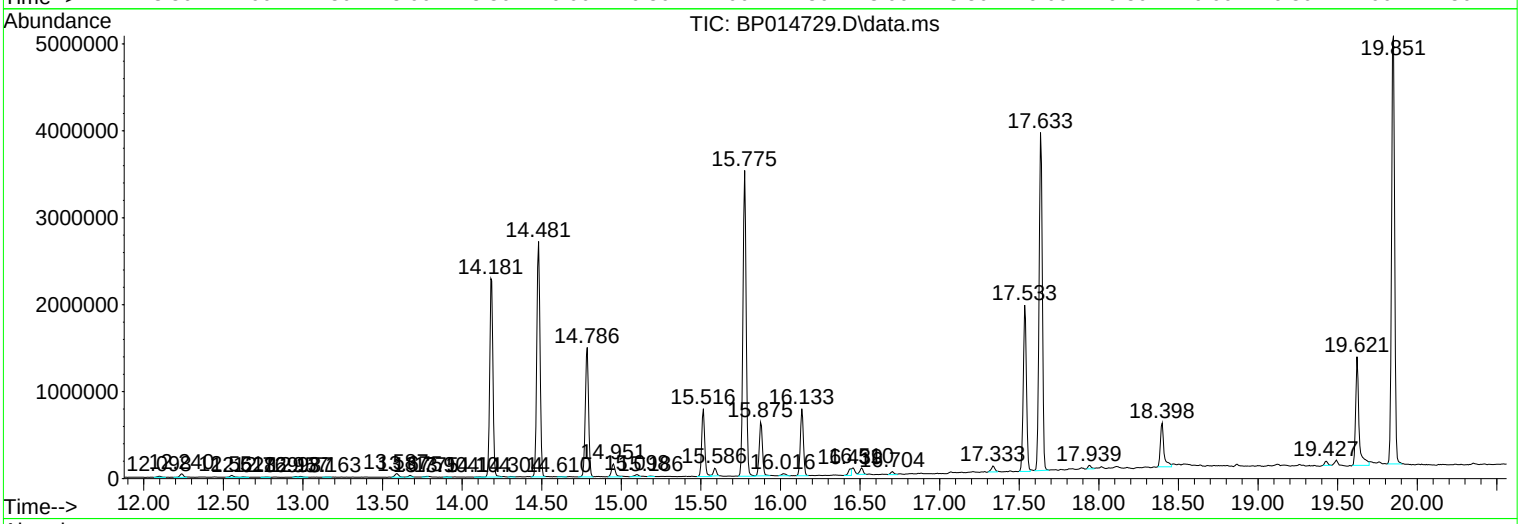
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

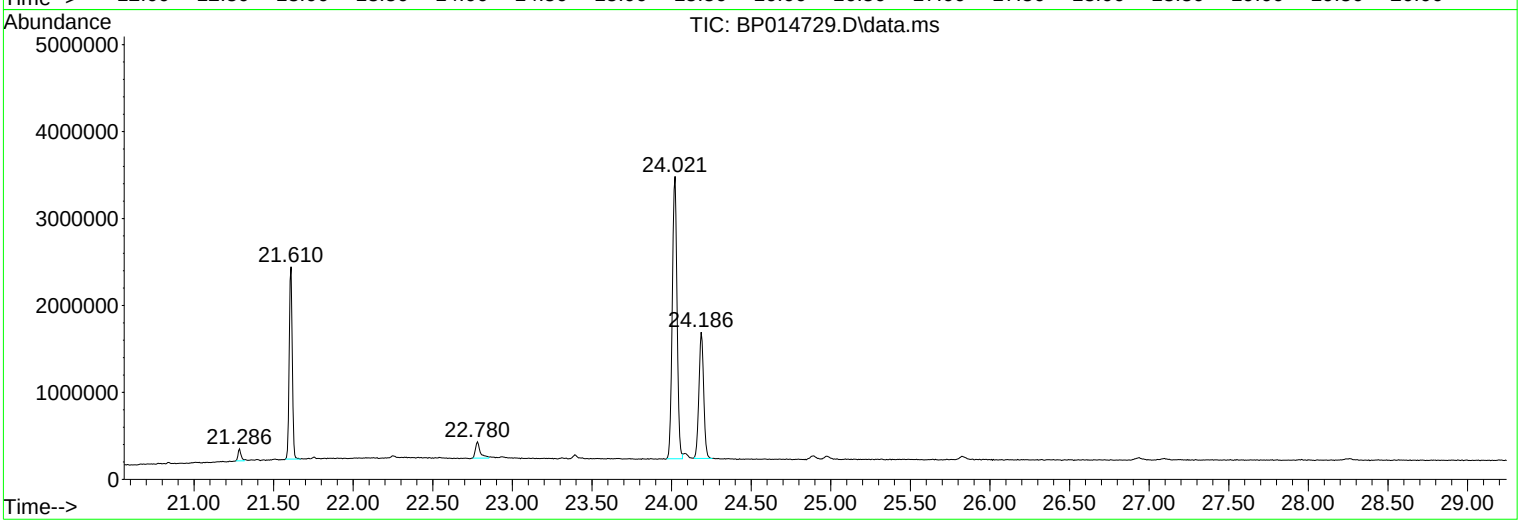
Instrument :
BNA_P
ClientSampleId :
C0MJ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

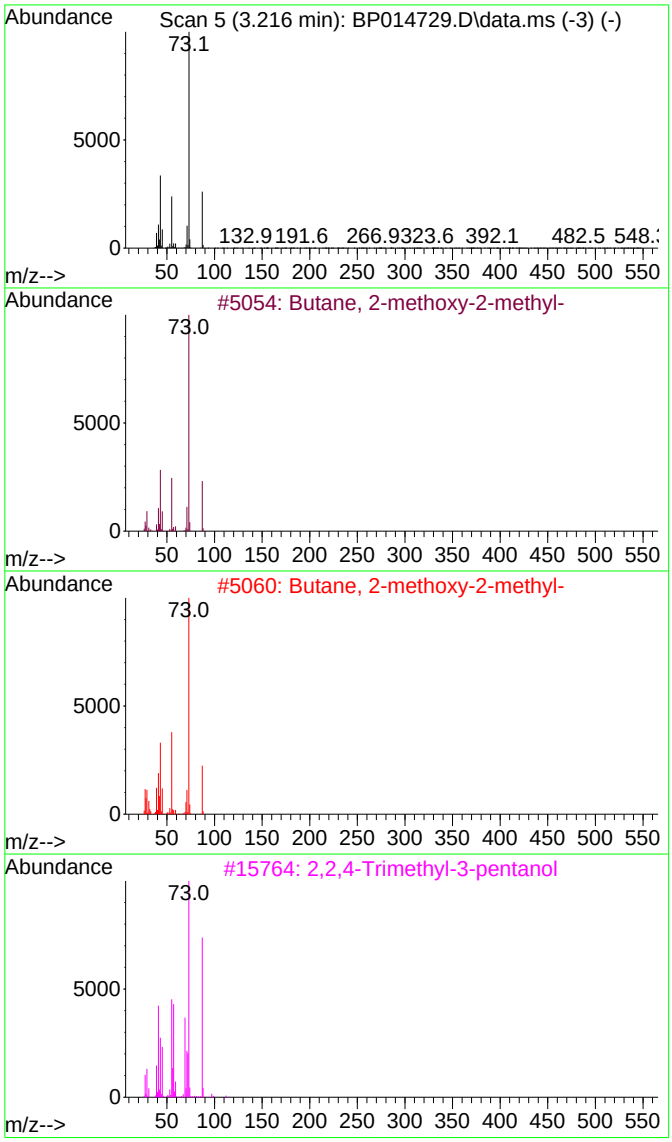
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

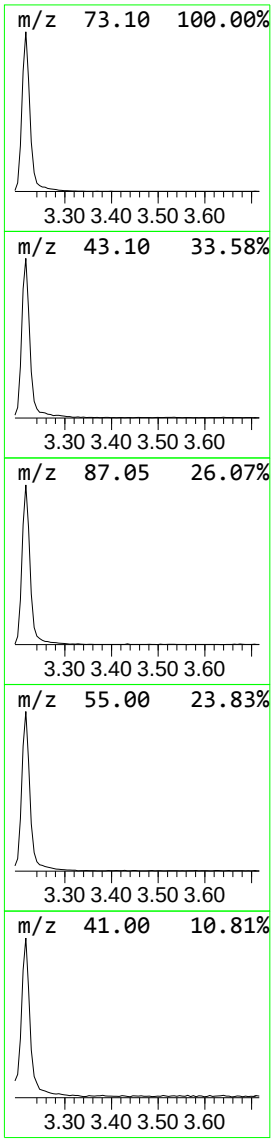
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.216	16.64 ng/ul	915195	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

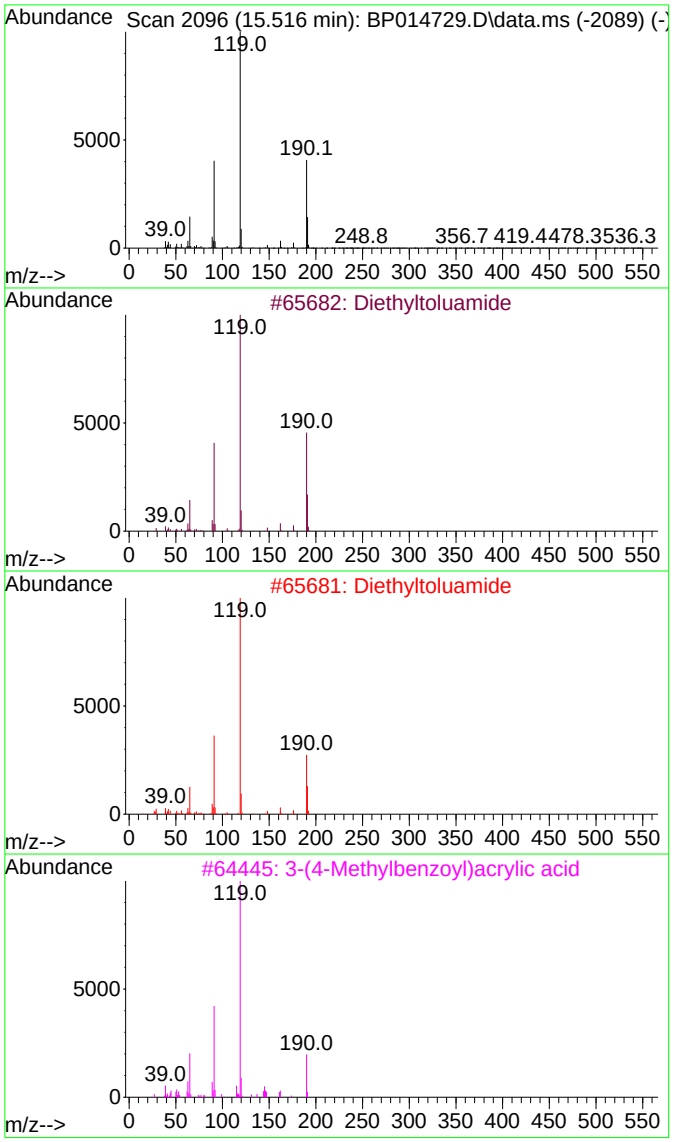
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

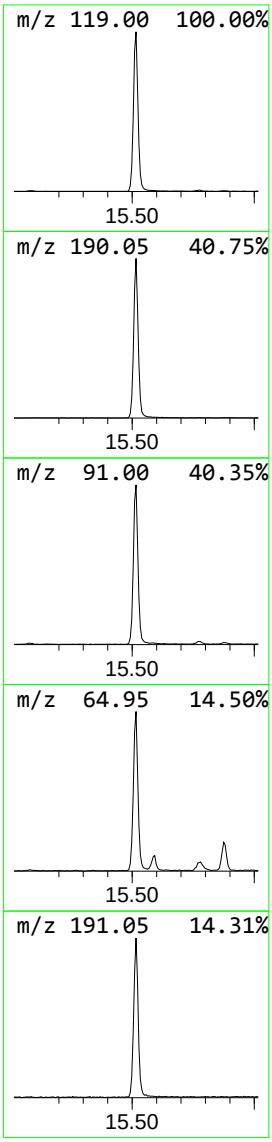
****

Peak Number 4 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	9.56 ng/ul	1032240	Acenaphthene-d10	14.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

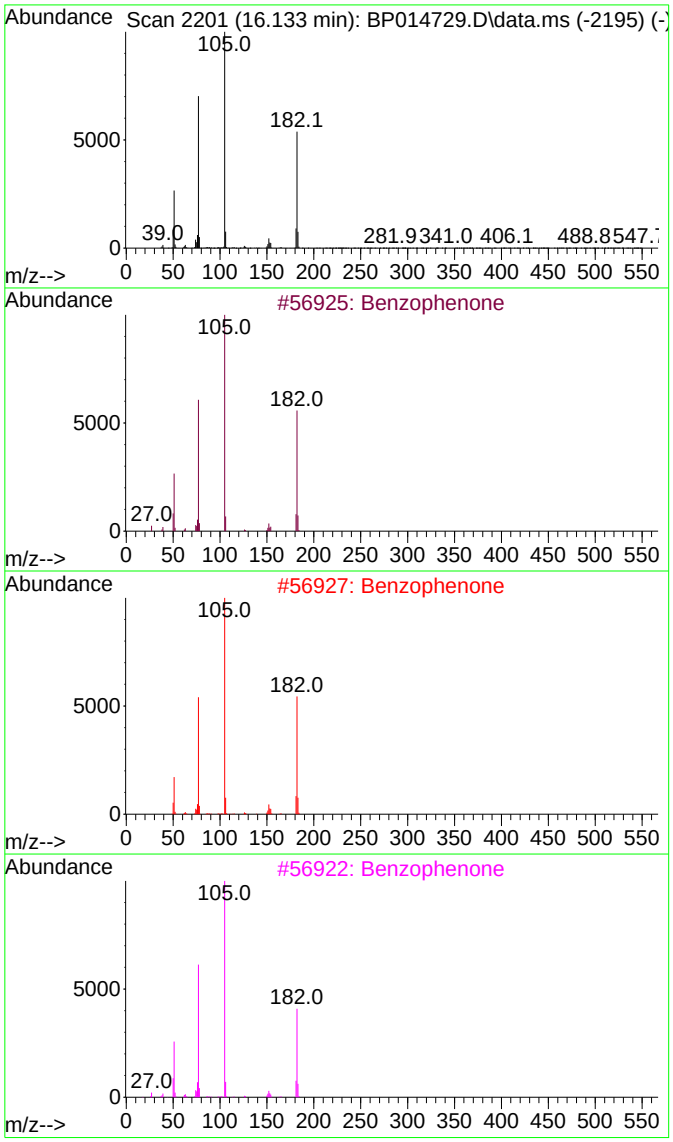
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

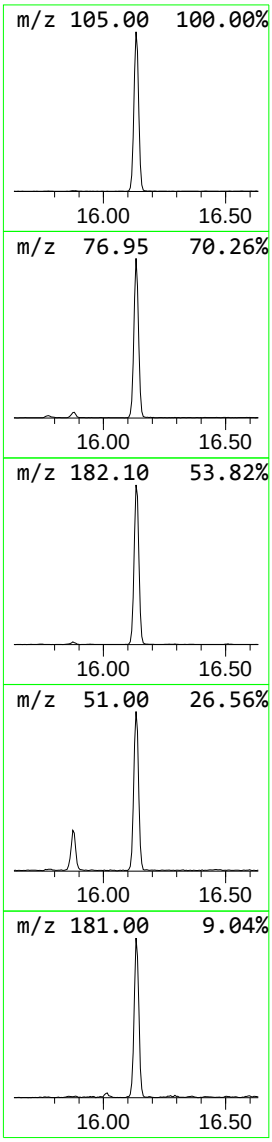
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	9.56 ng/ul	1031540	Acenaphthene-d10	14.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

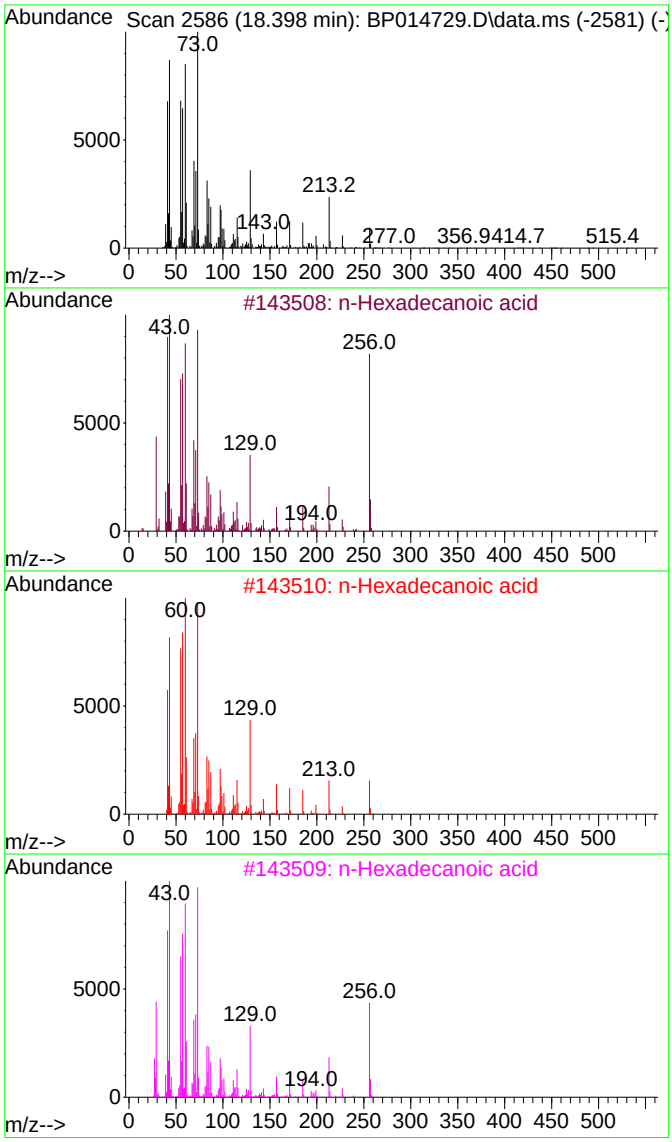
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

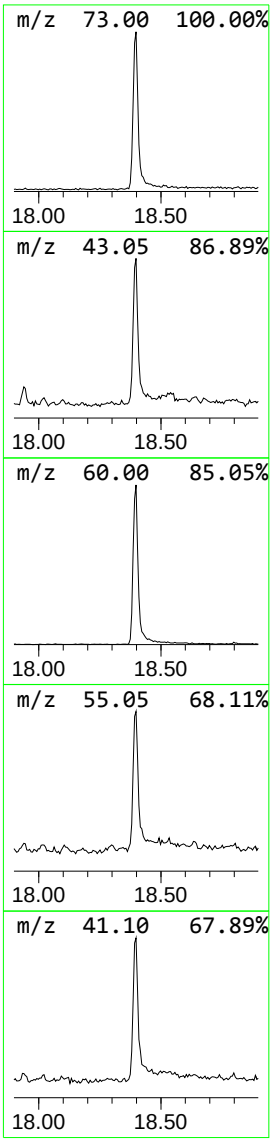
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	5.82 ng/ul	783645	Phenanthrene-d10	17.533

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

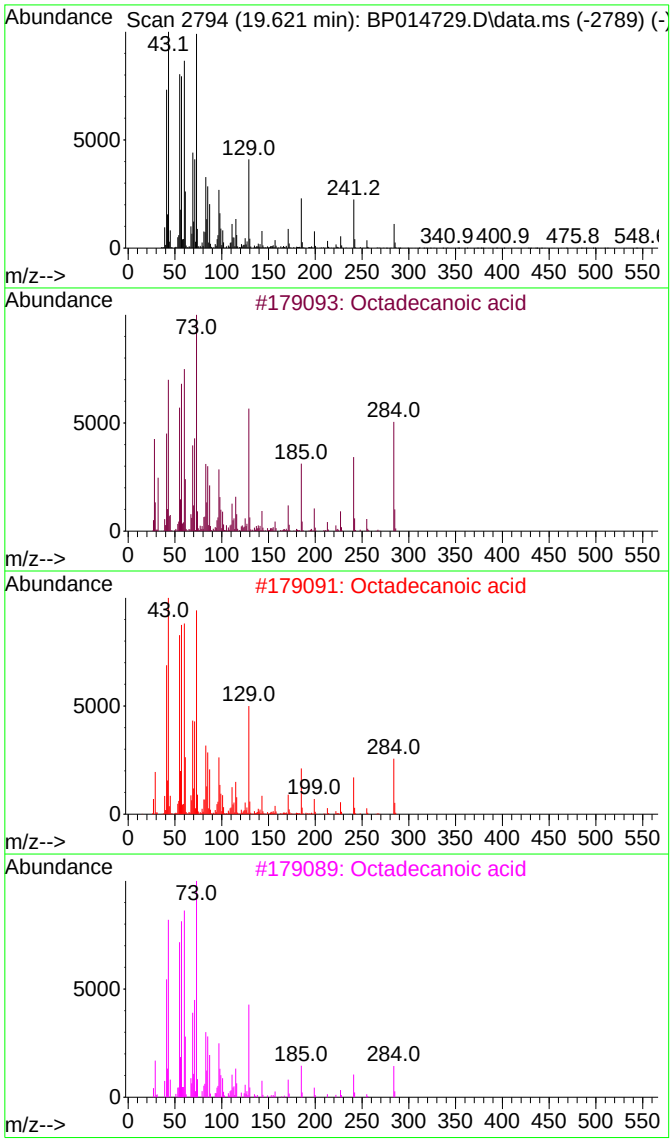
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

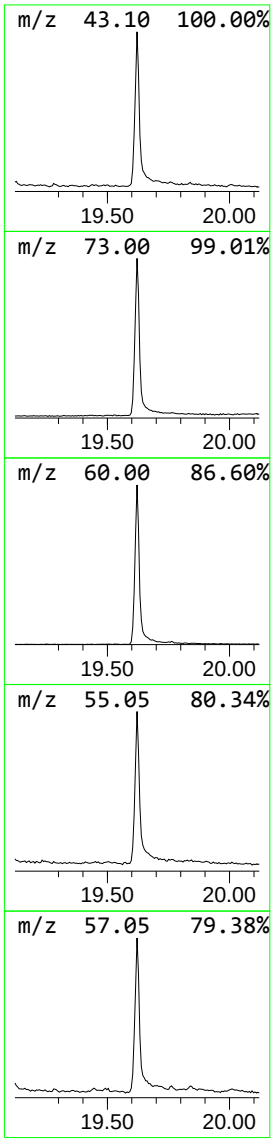
****

Peak Number 7 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.622	12.20 ng/ul	1793360	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

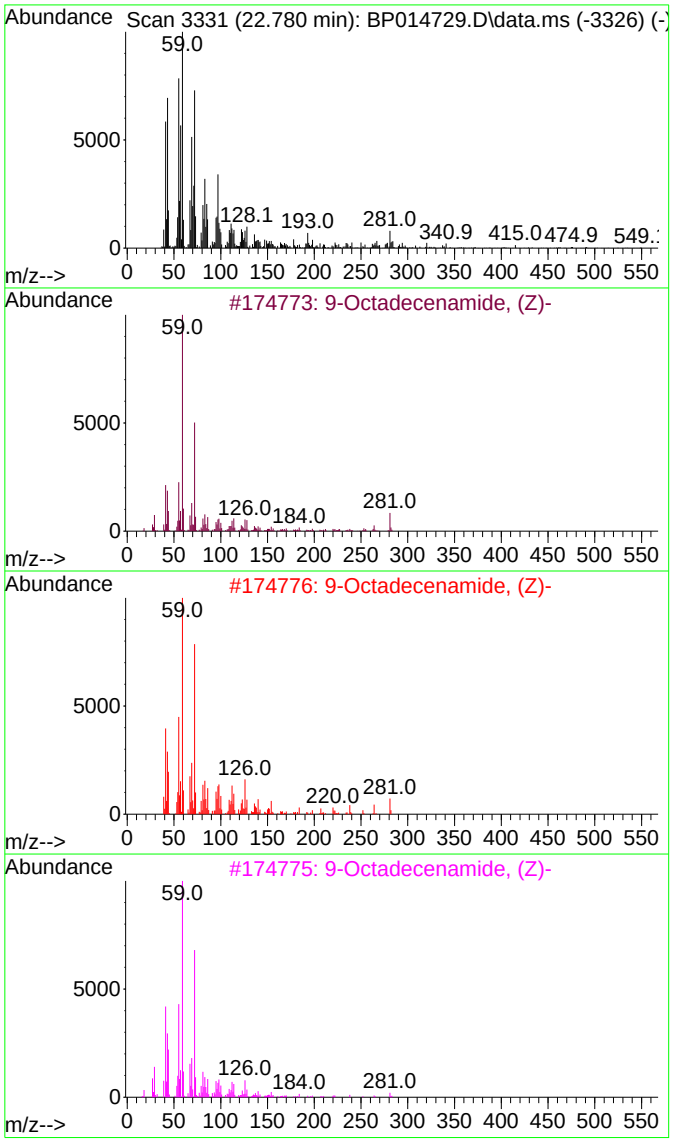
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

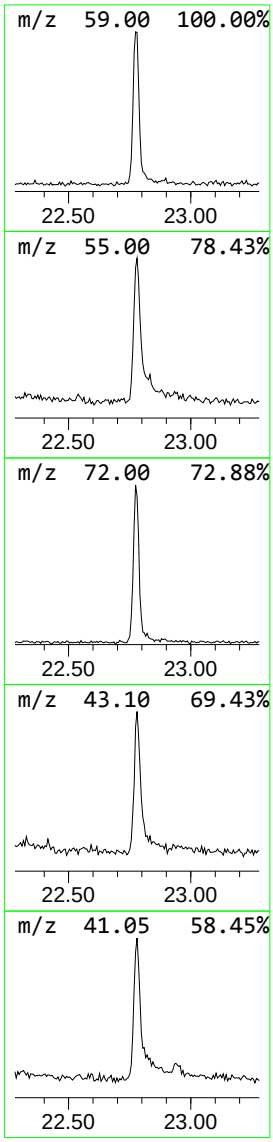
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.780	2.71 ng/ul	398875	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
4	9-Octadecenamide	281	C18H35NO	003322-62-1	76
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014729.D
Acq On : 19 Apr 2023 14:28
Operator : CG/JU
Sample : 02378-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.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
Butane, 2-metho...	3.216	16.6	ng/ul	915195	1	8.152	1100030	20.0
Diethyltoluamide	15.516	9.6	ng/ul	1032240	3	14.787	2158830	20.0
Benzophenone	16.133	9.6	ng/ul	1031540	3	14.787	2158830	20.0
n-Hexadecanoic ...	18.398	5.8	ng/ul	783645	4	17.533	2691460	20.0
Octadecanoic acid	19.622	12.2	ng/ul	1793360	5	21.610	2940550	20.0
9-Octadecenamid...	22.780	2.7	ng/ul	398875	5	21.610	2940550	20.0