LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014727.D
Acq On : 19 Apr 2023 13:21
Operator : CG/JU
Sample : 02378-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ7

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: BP014727.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	3	5	20	rVB	979835	1082858	15.29%	1.896%
2	3.487	46	51	57	rBV2	40100	53382	0.75%	0.093%
3	3.764	95	98	110	rBV	27484	39598	0.56%	0.069%
4	3.922	124	125	139	rBV	88648	145461	2.05%	0.255%
5	4.164	162	166	172	rVB2	6367	11302	0.16%	0.020%
6	4.264	177	183	190	rVB	17489	24003	0.34%	0.042%
7	5.422	376	380	384	rBV4	6506	9806	0.14%	0.017%
8	6.528	561	568	579	rBV	51800	88008	1.24%	0.154%
9	7.287	690	697	706	rBV	152053	243618	3.44%	0.426%
10	7.469	721	728	736	rBV	813465	1232999	17.41%	2.159%
11	7.675	756	763	775	rBV	667022	1034398	14.61%	1.811%
12	8.152	837	844	851	rBV	671391	1067393	15.07%	1.869%
13	8.510	896	905	915	rBV5	15688	31804	0.45%	0.056%
14	8.846	955	962	974	rBV	352901	569254	8.04%	0.997%
15	9.246	1024	1030	1035	rBV5	13401	22953	0.32%	0.040%
16	9.322	1035	1043	1055	rVV	849592	1350905	19.08%	2.365%
17	9.746	1108	1115	1120	rVB	30997	47261	0.67%	0.083%
18	10.052	1159	1167	1179	rBV	529316	845790	11.94%	1.481%
19	10.587	1250	1258	1272	rBV	941598	1567141	22.13%	2.744%
20	10.846	1294	1302	1305	rBV7	7279	13600	0.19%	0.024%
21	10.981	1317	1325	1334	rVB	909640	1525915	21.55%	2.671%
22	11.110	1340	1347	1360	rBV	409450	683258	9.65%	1.196%
23	12.234	1535	1538	1544	rBV2	11014	16716	0.24%	0.029%
24	12.363	1555	1560	1565	rBV6	5952	8572	0.12%	0.015%
25	12.551	1587	1592	1600	rVB	20573	34264	0.48%	0.060%
26	13.587	1759	1768	1773	rBV8	8717	21097	0.30%	0.037%
27	13.675	1777	1783	1789	rVB	19443	30305	0.43%	0.053%
28	13.757	1792	1797	1803	rBV7	3678	7501	0.11%	0.013%
29	13.904	1818	1822	1826	rVB3	6577	8288	0.12%	0.015%
30	14.187	1862	1870	1882	rBV	2324987	3259605	46.03%	5.707%
31	14.304	1886	1890	1894	rBV7	5283	7320	0.10%	0.013%
32	14.363	1894	1900	1903	rBV	11919	16618	0.23%	0.029%
33	14.481	1913	1920	1927	rBV	2671410	3809806	53.80%	6.670%
34	14.787	1964	1972	1979	rBV	1443432	2091208	29.53%	3.661%
35	14.945	1992	1999	2007	rBV	134681	214443	3.03%	0.375%
36	15.098	2020	2025	2030	rBV5	12457	21643	0.31%	0.038%

LSC Area Percent Report

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Data File : BP014727.D
Acq On : 19 Apr 2023 13:21
Operator : CG/JU
Sample : 02378-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ7

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	15.187	2037	2040	2044	rBV6	5138	7433	0.10%	0.013%
38	15.516	2090	2096	2104	rBV	166282	246065	3.47%	0.431%
39	15.587	2104	2108	2112	rVB	26717	34313	0.48%	0.060%
40	15.775	2133	2140	2150	rBV	3526333	4939915	69.76%	8.648%
41	15.875	2151	2157	2172	rVV	565885	818721	11.56%	1.433%
42	16.010	2176	2180	2185	rVB3	13167	21682	0.31%	0.038%
43	16.134	2195	2201	2208	rBV	850521	1099116	15.52%	1.924%
44	16.439	2248	2253	2254	rBV3	15019	20315	0.29%	0.036%
45	16.557	2269	2273	2280	rBV9	5405	9705	0.14%	0.017%
46	16.704	2293	2298	2309	rVB	85896	125481	1.77%	0.220%
47	17.210	2381	2384	2392	rVB10	6918	13050	0.18%	0.023%
48	17.534	2432	2439	2446	rBV	1922125	2589658	36.57%	4.534%
49	17.634	2450	2456	2468	rVB	3782713	5182662	73.18%	9.073%
50	17.892	2498	2500	2506	rVB7	6461	8515	0.12%	0.015%
51	18.392	2580	2585	2594	rBV2	172858	255668	3.61%	0.448%
52	18.469	2595	2598	2601	rVB2	9224	13066	0.18%	0.023%
53	18.804	2652	2655	2659	rBV2	19409	21378	0.30%	0.037%
54	18.869	2663	2666	2669	rVB5	9085	12407	0.18%	0.022%
55	19.428	2756	2761	2765	rBV2	52634	74707	1.05%	0.131%
56	19.492	2766	2772	2776	rVV2	54387	101356	1.43%	0.177%
57	19.616	2789	2793	2801	rBV	293255	394865	5.58%	0.691%
58	19.845	2827	2832	2838	rBV	4876817	6466378	91.31%	11.321%
59	21.286	3073	3077	3081	rBV3	91881	128226	1.81%	0.224%
60	21.610	3126	3132	3142	rBV	2182819	2919979	41.23%	5.112%
61	22.780	3327	3331	3337	rBV4	76584	134944	1.91%	0.236%
62	24.021	3534	3542	3550	rBV	3640431	7081640	100.00%	12.398%
63	24.186	3563	3570	3585	rVB	1487106	3160972	44.64%	5.534%

Sum of corrected areas: 57120310

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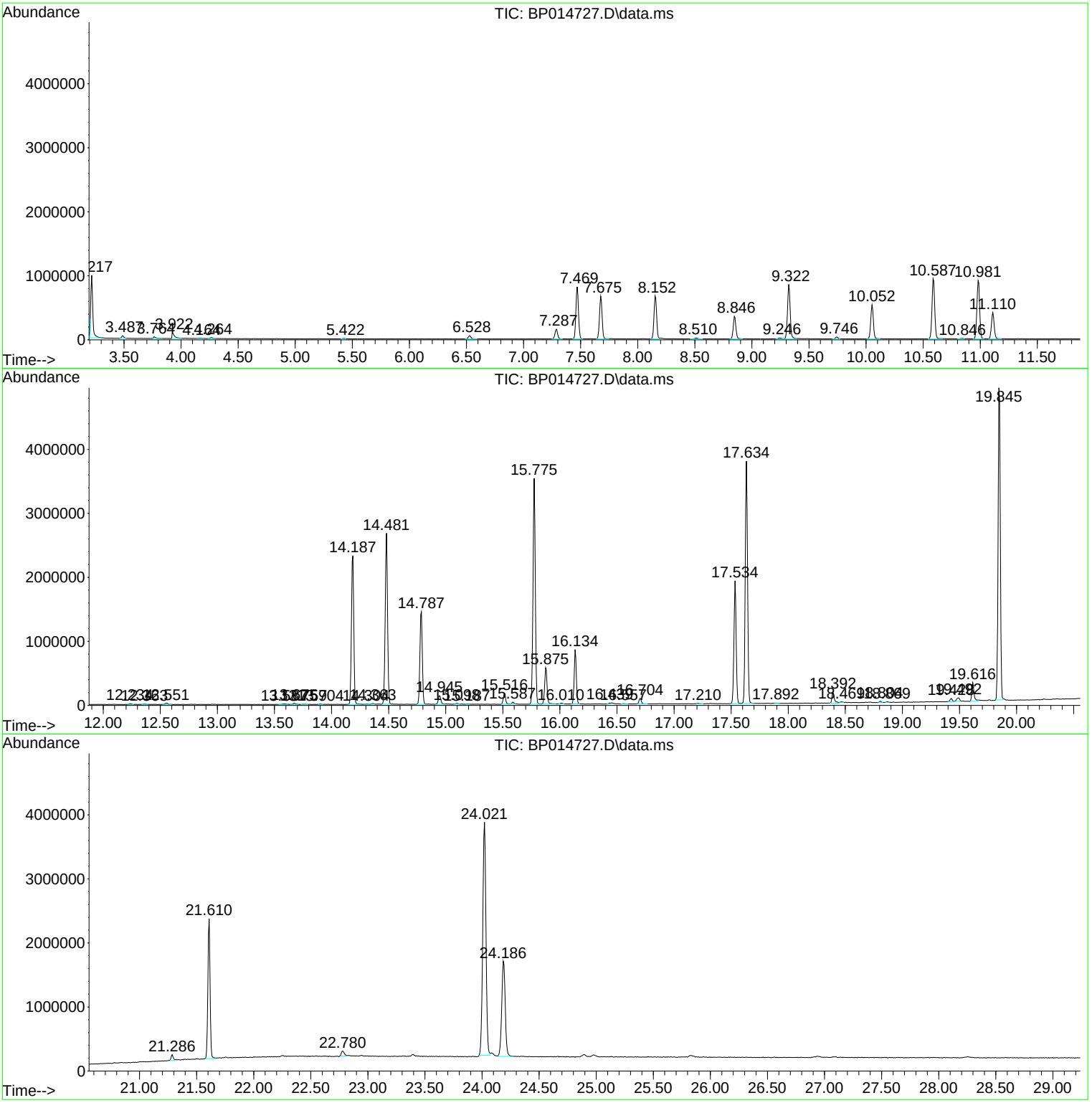
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ7

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 : BP014727.D
Acq On : 19 Apr 2023 13:21
Operator : CG/JU
Sample : 02378-04
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Instrument :
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ClientSampleId :
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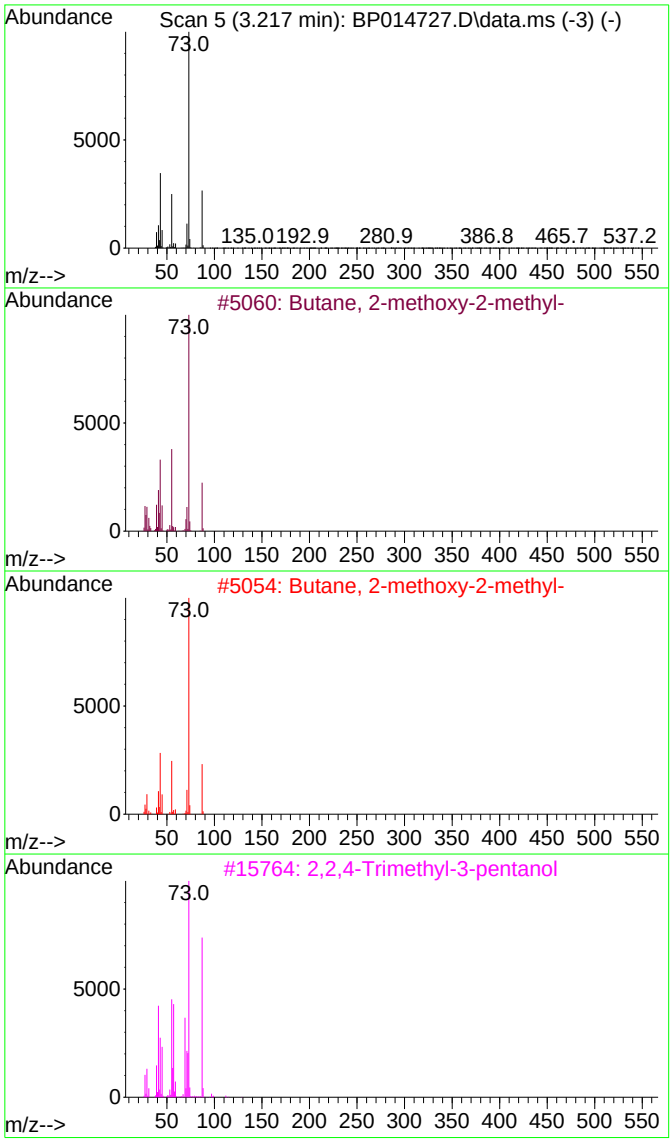
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

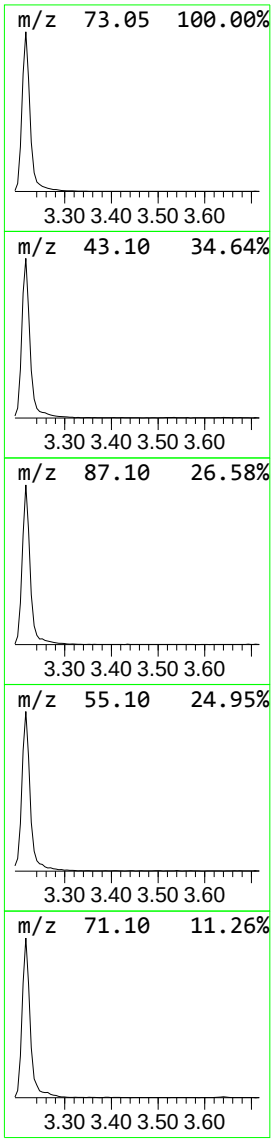
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.217	20.29 ng/ul	1082860	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014727.D
Acq On : 19 Apr 2023 13:21
Operator : CG/JU
Sample : 02378-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ7

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

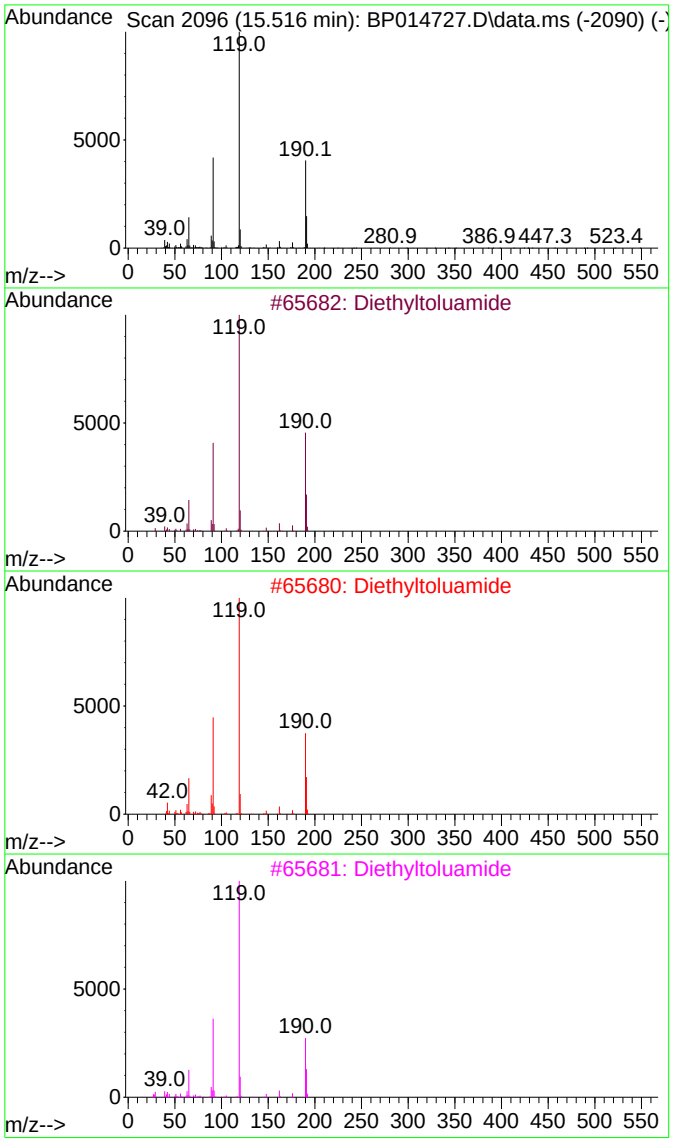
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

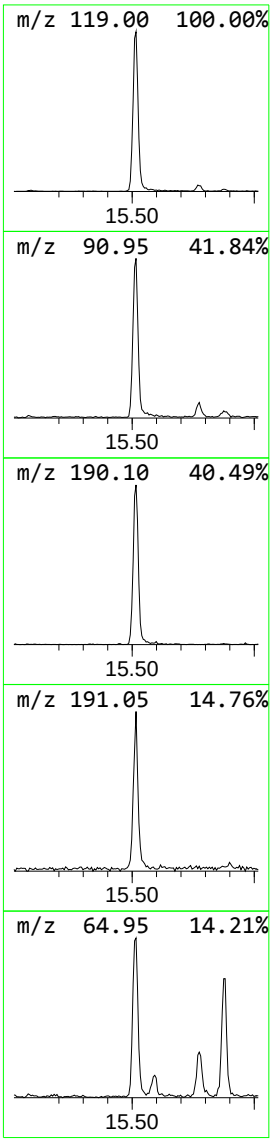
****

Peak Number 2 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	2.35 ng/ul	246065	Acenaphthene-d10	14.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	97
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Diethyltoluamide	191	C12H17NO	000134-62-3	95
5	Diethyltoluamide	191	C12H17NO	000134-62-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014727.D
Acq On : 19 Apr 2023 13:21
Operator : CG/JU
Sample : 02378-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ7

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

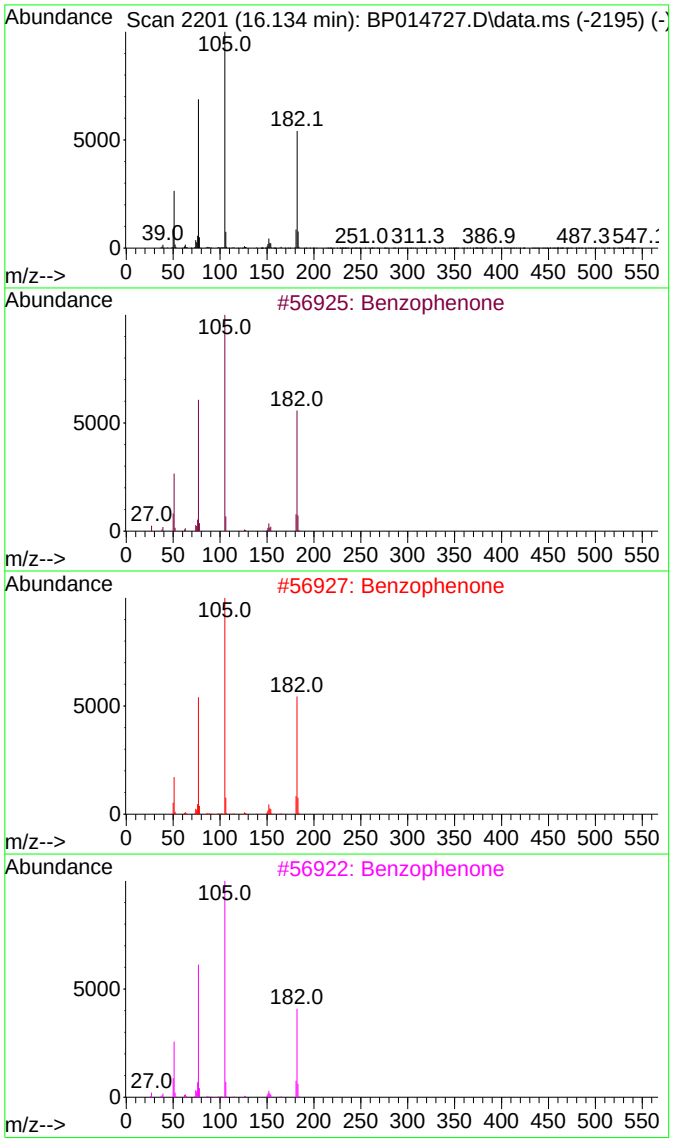
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

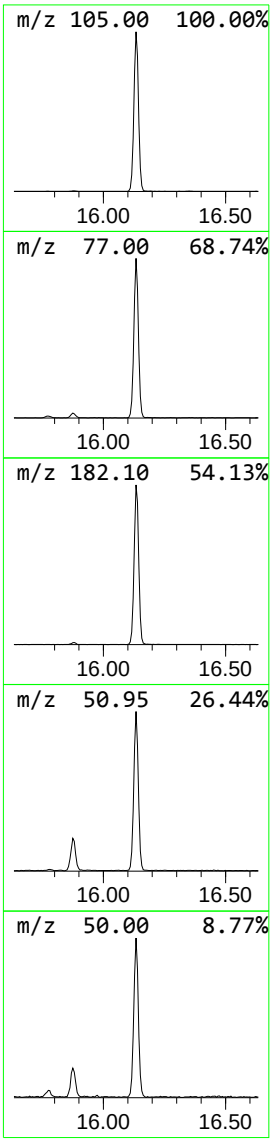
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.134	10.51 ng/ul	1099120	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	90
5	Azobenzene	182	C12H10N2	000103-33-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014727.D
Acq On : 19 Apr 2023 13:21
Operator : CG/JU
Sample : 02378-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0MJ7

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

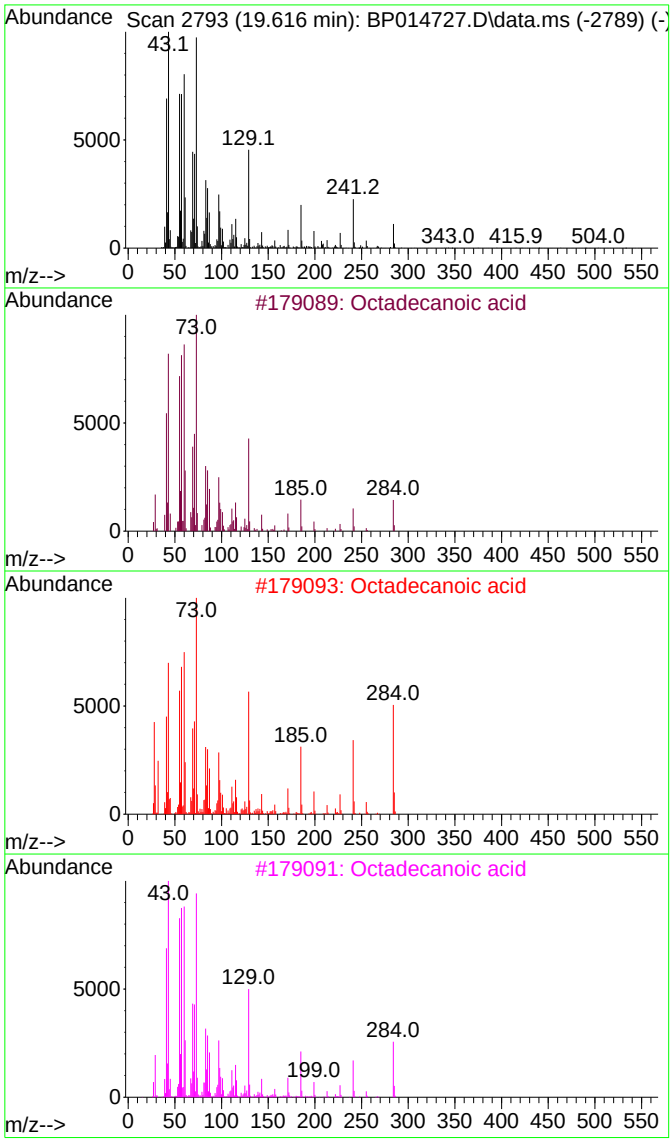
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

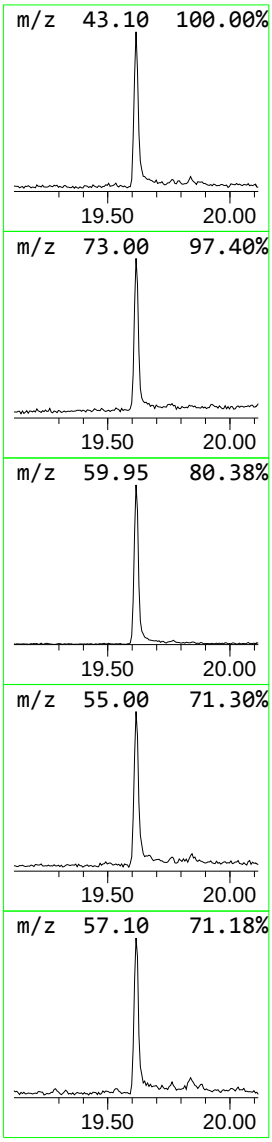
****

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.616	2.70 ng/ul	394865	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	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
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Misc :
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Instrument :
BNA_P
ClientSampleId :
C0MJ7

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...	3.217	20.3	ng/ul	1082860	1	8.152	1067390	20.0
Diethyltoluamide	15.516	2.4	ng/ul	246065	3	14.787	2091210	20.0
Benzophenone	16.134	10.5	ng/ul	1099120	3	14.787	2091210	20.0
Octadecanoic acid	19.616	2.7	ng/ul	394865	5	21.610	2919980	20.0