LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016028.D
Acq On : 06 Jul 2023 11:33
Operator : MA/JU
Sample : 03257-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYY2

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016028.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	25	28	47	rVB	56830	118470	1.42%	0.150%
2	3.817	105	107	131	rBV	171088	400002	4.78%	0.505%
3	4.017	138	141	147	rVB2	17195	25894	0.31%	0.033%
4	4.117	155	158	165	rVB	18278	29019	0.35%	0.037%
5	5.411	375	378	382	rBV3	9092	11866	0.14%	0.015%
6	7.246	682	690	702	rBV	129956	383954	4.59%	0.485%
7	7.358	703	709	733	rVB	676224	1411406	16.88%	1.782%
8	7.569	738	745	770	rVB	606037	1464492	17.52%	1.849%
9	8.028	815	823	831	rBV	731565	1506725	18.02%	1.902%
10	8.122	831	839	869	rVB3	226656	1346692	16.11%	1.700%
11	8.781	944	951	967	rBV	461400	1291162	15.44%	1.630%
12	8.899	967	971	979	rVB	60198	118016	1.41%	0.149%
13	9.222	1020	1026	1050	rBV	805777	1864035	22.29%	2.353%
14	9.393	1052	1055	1064	rVB	8848	20677	0.25%	0.026%
15	9.546	1077	1081	1086	rVB5	5116	9205	0.11%	0.012%
16	9.952	1143	1150	1172	rBV	591172	1635596	19.56%	2.065%
17	10.528	1240	1248	1279	rBV	564313	2167302	25.92%	2.736%
18	10.857	1296	1304	1312	rBV	1167258	2376774	28.43%	3.001%
19	11.040	1327	1335	1369	rBV2	547337	2024855	24.22%	2.557%
20	11.834	1464	1470	1476	rVB8	14149	30847	0.37%	0.039%
21	12.399	1561	1566	1568	rBV5	5764	10033	0.12%	0.013%
22	12.493	1578	1582	1591	rVB5	12122	24735	0.30%	0.031%
23	12.587	1594	1598	1602	rVB7	5384	9144	0.11%	0.012%
24	12.687	1611	1615	1624	rBV7	6263	13848	0.17%	0.017%
25	13.093	1679	1684	1691	rBV2	74466	118632	1.42%	0.150%
26	13.281	1710	1716	1721	rBV10	7653	18855	0.23%	0.024%
27	13.557	1755	1763	1773	rVV3	44821	102434	1.23%	0.129%
28	13.663	1775	1781	1790	rVB3	13211	30623	0.37%	0.039%
29	13.940	1824	1828	1830	rBV5	5402	8907	0.11%	0.011%
30	13.981	1831	1835	1837	rVV5	6550	9563	0.11%	0.012%
31	14.093	1848	1854	1867	rBV	2133883	3802719	45.48%	4.801%
32	14.275	1881	1885	1892	rBV	18966	27896	0.33%	0.035%
33	14.375	1895	1902	1916	rBV2	2713453	4474380	53.51%	5.649%
34	14.616	1937	1943	1947	rBV3	20232	43296	0.52%	0.055%
35	14.681	1947	1954	1969	rVV	2103622	3332182	39.85%	4.207%
36	14.922	1991	1995	2002	rVB5	13450	23714	0.28%	0.030%

LSC Area Percent Report

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Sample : 03257-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXYY2

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	14.998	2004	2008	2010	rBV5	10738	14289	0.17%	0.018%
38	15.045	2010	2016	2022	rBV4	57593	189577	2.27%	0.239%
39	15.428	2075	2081	2091	rBV	860943	1357510	16.24%	1.714%
40	15.681	2117	2124	2145	rBV	3255372	5764151	68.94%	7.278%
41	15.857	2148	2154	2181	rVV	859175	2279820	27.27%	2.878%
42	16.051	2181	2187	2202	rVB	735728	1184530	14.17%	1.496%
43	16.398	2244	2246	2251	rBV6	7856	11936	0.14%	0.015%
44	16.451	2252	2255	2260	rVB	8953	15077	0.18%	0.019%
45	16.610	2276	2282	2296	rVB	214376	365272	4.37%	0.461%
46	17.016	2348	2351	2357	rVB4	14823	26471	0.32%	0.033%
47	17.110	2363	2367	2372	rBV8	9972	21114	0.25%	0.027%
48	17.163	2372	2376	2378	rVV5	6464	9111	0.11%	0.012%
49	17.198	2378	2382	2386	rVV7	5898	9173	0.11%	0.012%
50	17.286	2393	2397	2412	rVB6	20742	62135	0.74%	0.078%
51	17.445	2417	2424	2435	rBV	2691200	4074636	48.73%	5.145%
52	17.551	2435	2442	2464	rVB2	3262757	6591861	78.84%	8.323%
53	18.081	2528	2532	2536	rBV5	36446	52875	0.63%	0.067%
54	18.298	2564	2569	2580	rBV	425025	844985	10.11%	1.067%
55	19.357	2745	2749	2752	rBV2	54418	68588	0.82%	0.087%
56	19.428	2757	2761	2765	rVV	57141	79462	0.95%	0.100%
57	19.528	2774	2778	2792	rBV	206468	433916	5.19%	0.548%
58	19.775	2815	2820	2841	rBV	4812981	8361144	100.00%	10.557%
59	21.227	3064	3067	3073	rVB2	220066	328643	3.93%	0.415%
60	21.545	3116	3121	3133	rBV	2368777	4496727	53.78%	5.677%
61	23.910	3516	3523	3544	rVB2	3197715	7847965	93.86%	9.909%
62	24.080	3546	3552	3573	rVB	1583054	4424352	52.92%	5.586%

Sum of corrected areas: 79203270

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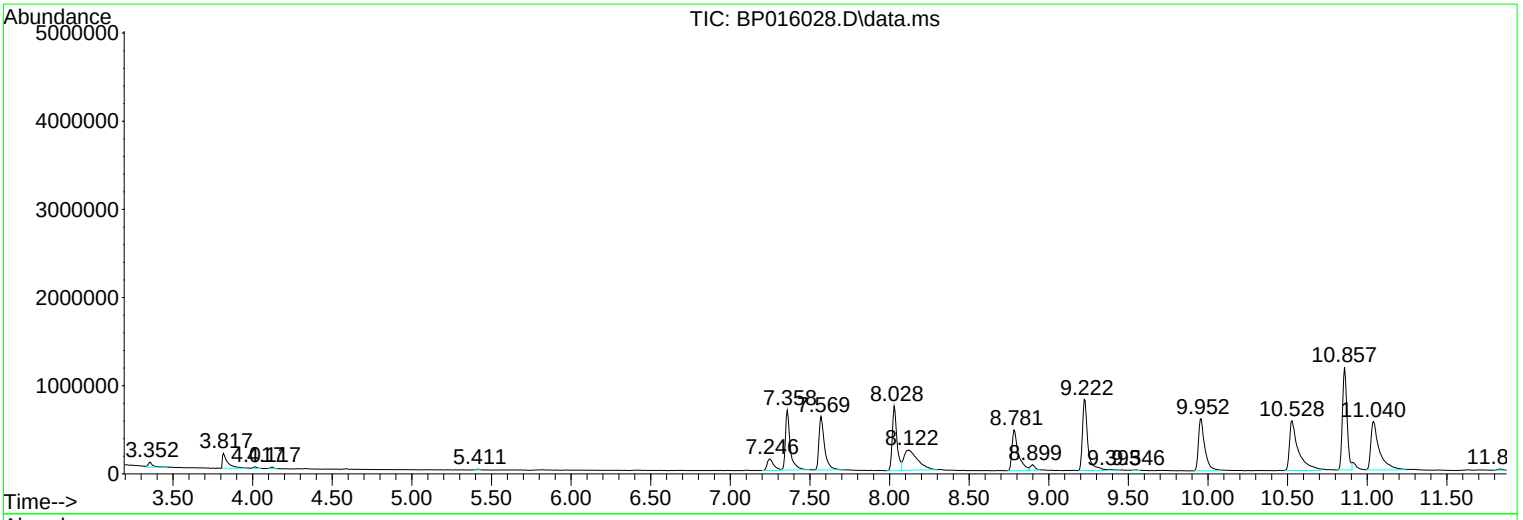
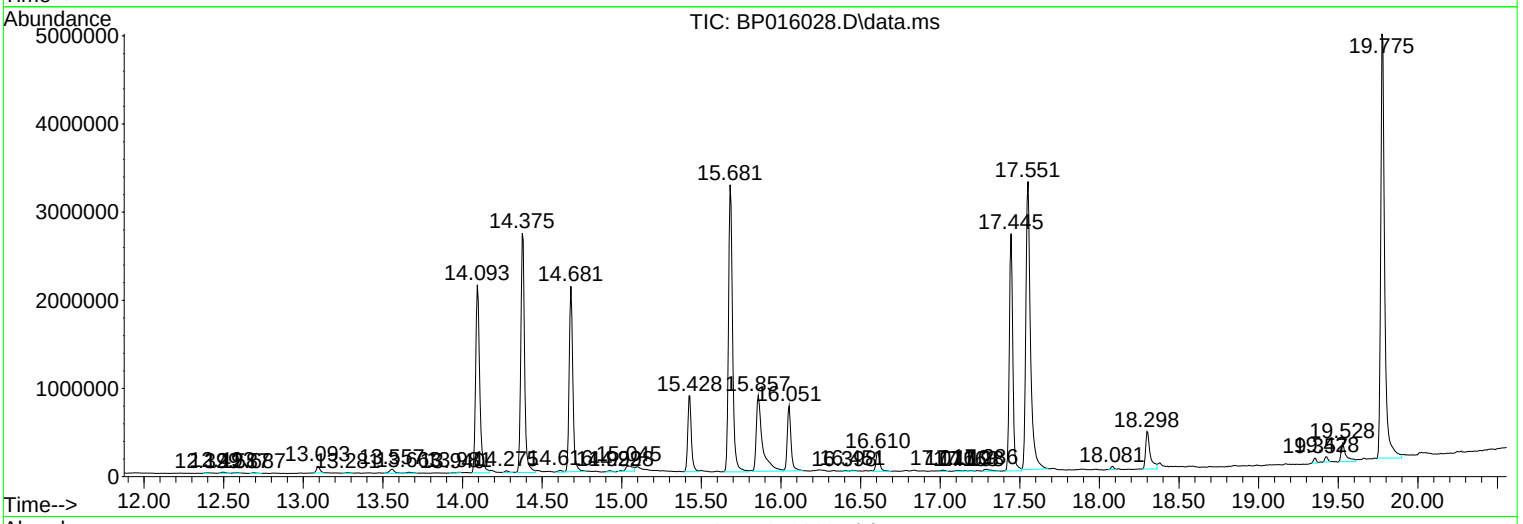
Misc :
ALS Vial : 5 Sample Multiplier: 1

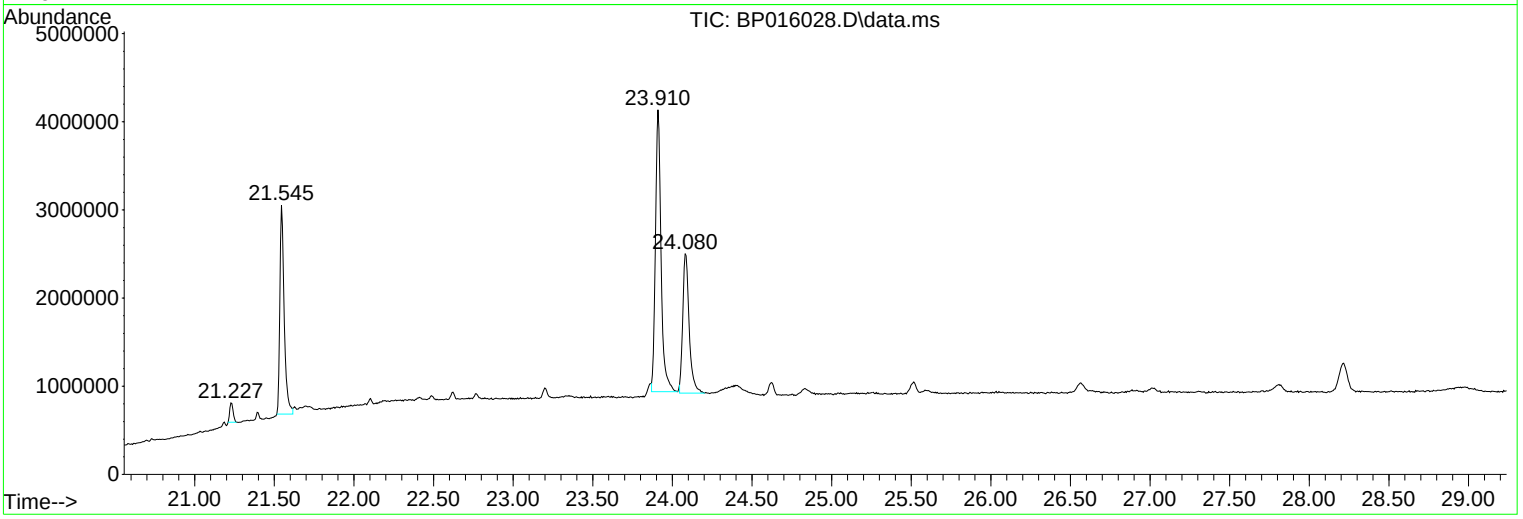
Instrument :
BNA_P
ClientSampleId :
EXYY2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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Data File : BP016028.D
Acq On : 06 Jul 2023 11:33
Operator : MA/JU
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Instrument :
BNA_P
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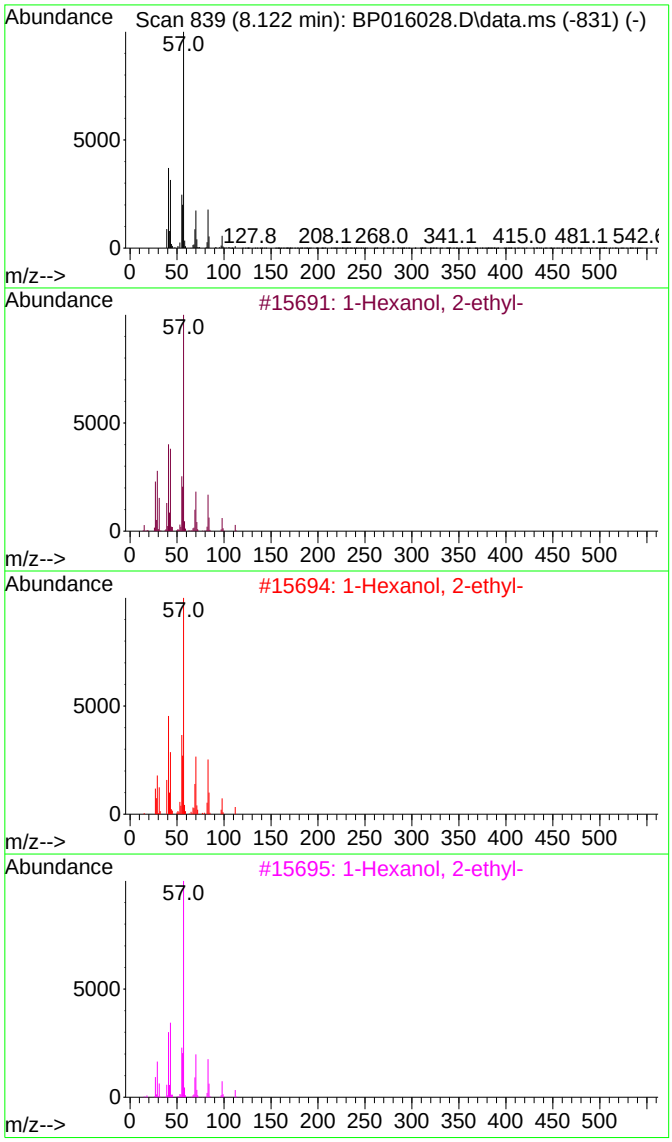
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

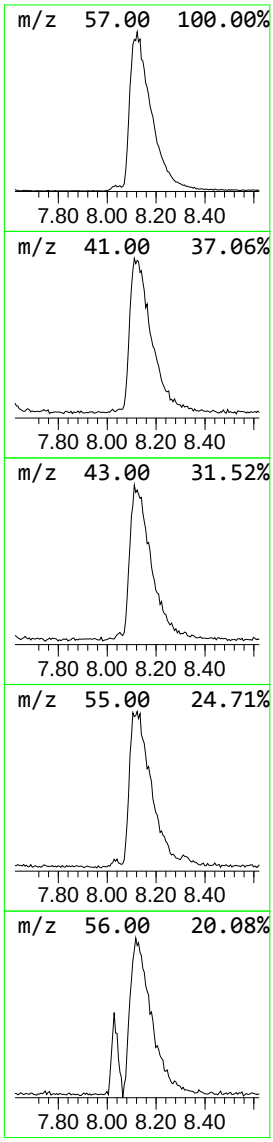
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.122	17.88 ng/ul	1346690	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016028.D
Acq On : 06 Jul 2023 11:33
Operator : MA/JU
Sample : 03257-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYY2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

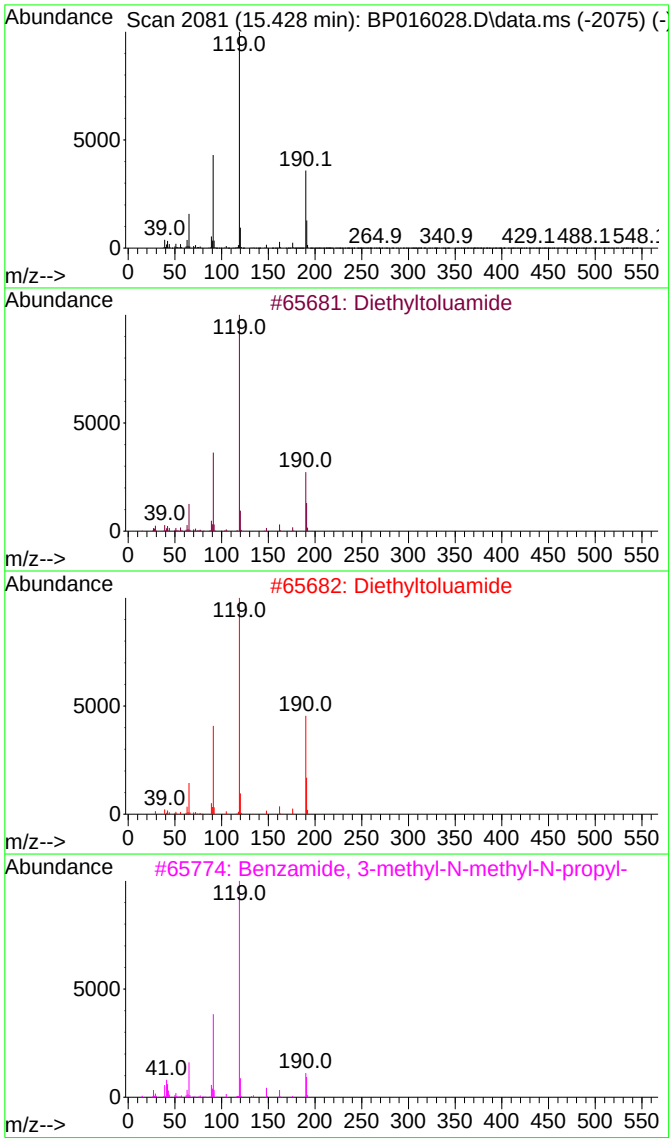
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

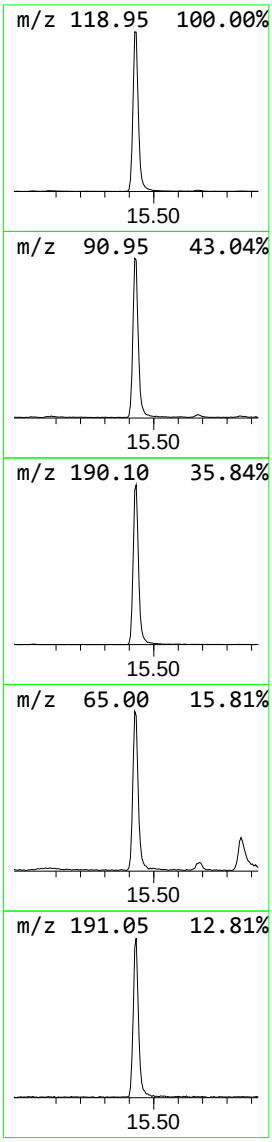
****

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	8.15 ng/ul	1357510	Acenaphthene-d10	14.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
4	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	87
5	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87





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Data File : BP016028.D
Acq On : 06 Jul 2023 11:33
Operator : MA/JU
Sample : 03257-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYY2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

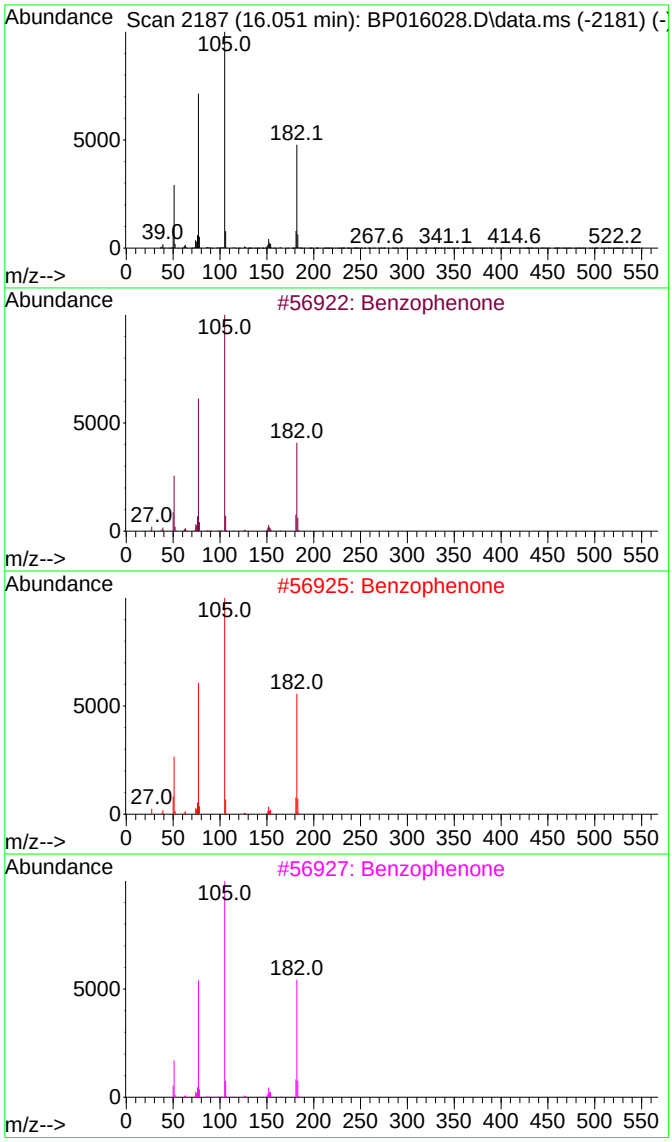
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

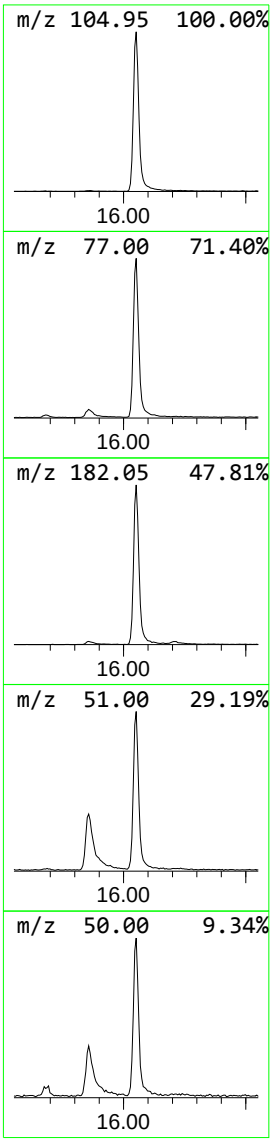
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	7.11 ng/ul	1184530	Acenaphthene-d10	14.681

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016028.D
Acq On : 06 Jul 2023 11:33
Operator : MA/JU
Sample : 03257-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYY2

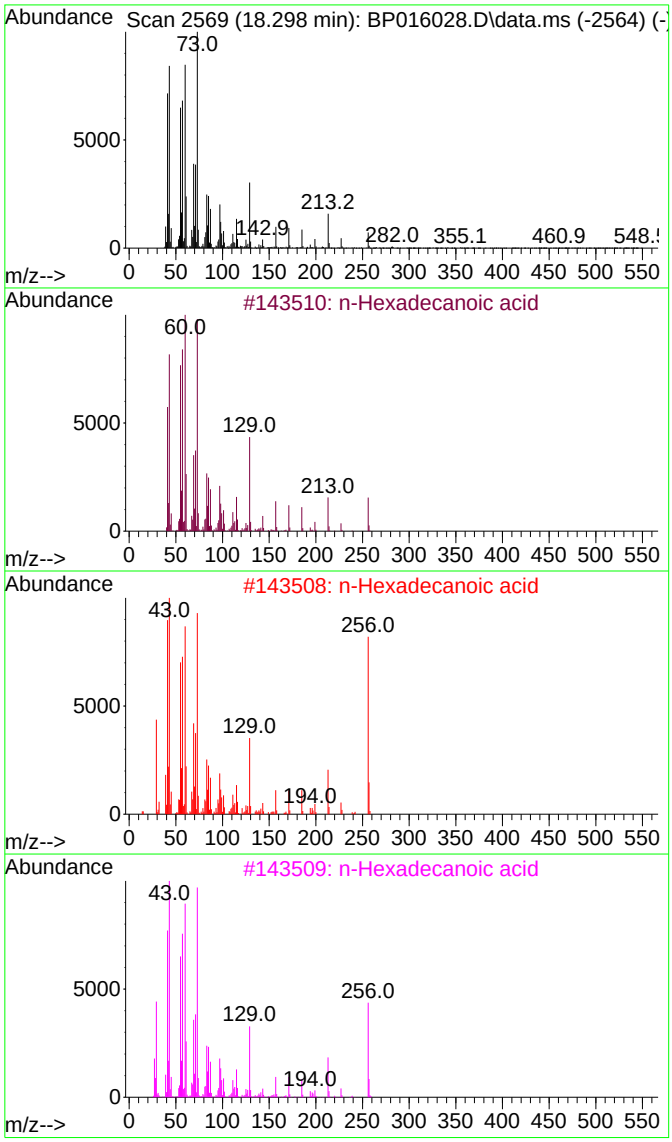
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

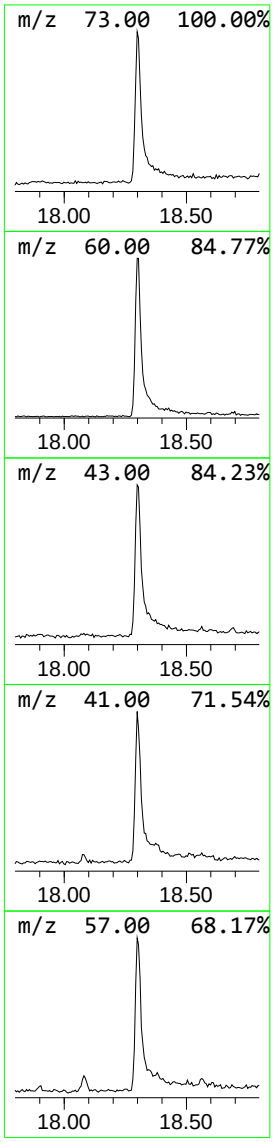
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.15 ng/ul	844985	Phenanthrene-d10	17.445

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXYY2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
1-Hexanol, 2-et...	8.122	17.9	ng/ul	1346690	1	8.028	1506730	20.0
Diethyltoluamide	15.428	8.2	ng/ul	1357510	3	14.681	3332180	20.0
Benzophenone	16.051	7.1	ng/ul	1184530	3	14.681	3332180	20.0
n-Hexadecanoic ...	18.298	4.2	ng/ul	844985	4	17.445	4074640	20.0