LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	37	40	44	rVB2	8099	10245	0.45%	0.048%
2	3.652	110	113	121	rVB4	8090	14375	0.63%	0.068%
3	3.740	123	128	133	rVB3	14508	20478	0.89%	0.097%
4	3.958	161	165	172	rVB	12349	17329	0.76%	0.082%
5	4.322	224	227	233	rVB8	2543	4333	0.19%	0.020%
6	4.393	236	239	242	rVB2	3356	4114	0.18%	0.019%
7	4.499	254	257	260	rBV5	2258	2753	0.12%	0.013%
8	4.746	295	299	305	rVB3	6764	9480	0.41%	0.045%
9	4.864	314	319	325	rVB3	26926	47726	2.08%	0.225%
10	5.252	382	385	395	rVB4	5059	9110	0.40%	0.043%
11	5.728	460	466	475	rVB	53966	87729	3.83%	0.414%
12	5.987	503	510	516	rBV2	13033	22421	0.98%	0.106%
13	6.211	544	548	556	rVB7	4285	9370	0.41%	0.044%
14	6.705	626	632	634	rVV2	3122	5431	0.24%	0.026%
15	6.740	635	638	644	rVB8	2419	4923	0.21%	0.023%
16	6.810	646	650	652	rBV5	1871	3012	0.13%	0.014%
17	6.887	652	663	675	rVB	147340	272427	11.88%	1.287%
18	7.040	683	689	699	rVB	109511	170709	7.44%	0.806%
19	7.240	717	723	732	rBV	151939	245812	10.72%	1.161%
20	7.322	734	737	742	rVB7	2814	3735	0.16%	0.018%
21	7.528	768	772	775	rBV6	1812	2518	0.11%	0.012%
22	7.569	775	779	784	rBV8	1514	2639	0.12%	0.012%
23	7.699	792	801	809	rBV	396871	658090	28.70%	3.108%
24	7.763	809	812	820	rVB9	4318	8473	0.37%	0.040%
25	8.057	858	862	870	rBV10	3981	6793	0.30%	0.032%
26	8.181	879	883	888	rVB8	3049	4780	0.21%	0.023%
27	8.399	912	920	928	rBV	152035	268423	11.71%	1.268%
28	8.510	934	939	948	rVB	30255	52958	2.31%	0.250%
29	8.840	987	995	1005	rBV	136663	238775	10.41%	1.128%
30	9.252	1061	1065	1071	rVB3	6767	10947	0.48%	0.052%
31	9.393	1082	1089	1099	rBV2	15587	29290	1.28%	0.138%
32	9.552	1108	1116	1126	rBV	122777	211206	9.21%	0.998%
33	9.734	1142	1147	1153	rBV10	3682	10191	0.44%	0.048%
34	9.904	1173	1176	1182	rVB7	3460	5195	0.23%	0.025%
35	10.087	1200	1207	1221	rBV	190491	342041	14.92%	1.615%
36	10.457	1261	1270	1280	rBV	496969	921037	40.16%	4.350%

LSC Area Percent Report

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Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	10.599	1285	1294	1305	rBV	113151	230241	10.04%	1.087%
38	11.004	1357	1363	1368	rBV10	4857	10269	0.45%	0.048%
39	11.257	1400	1406	1415	rBV10	3351	8086	0.35%	0.038%
40	11.728	1482	1486	1491	rVB5	3600	5975	0.26%	0.028%
41	11.981	1525	1529	1534	rVV8	3408	6943	0.30%	0.033%
42	12.040	1534	1539	1545	rVB5	3436	6254	0.27%	0.030%
43	13.040	1704	1709	1716	rBV10	2211	4011	0.17%	0.019%
44	13.122	1718	1723	1728	rBV4	3976	7202	0.31%	0.034%
45	13.275	1744	1749	1755	rBV10	2420	5669	0.25%	0.027%
46	13.640	1802	1811	1812	rBV8	2116	3921	0.17%	0.019%
47	13.716	1817	1824	1833	rVV	418257	547491	23.87%	2.586%
48	13.834	1840	1844	1850	rBV9	3178	6191	0.27%	0.029%
49	14.004	1865	1873	1878	rBV	416271	651121	28.39%	3.075%
50	14.045	1878	1880	1887	rVB3	32146	39792	1.74%	0.188%
51	14.316	1918	1926	1936	rBV	822450	1492308	65.08%	7.048%
52	14.428	1943	1945	1950	rVB5	2612	3090	0.13%	0.015%
53	14.545	1956	1965	1983	rBV	93976	225647	9.84%	1.066%
54	14.692	1987	1990	1994	rVV4	7569	12617	0.55%	0.060%
55	14.745	1995	1999	2004	rVB8	6070	11628	0.51%	0.055%
56	14.998	2037	2042	2046	rBV7	2958	4210	0.18%	0.020%
57	15.116	2058	2062	2070	rVB10	6071	10342	0.45%	0.049%
58	15.316	2088	2096	2104	rBV	582917	898762	39.19%	4.245%
59	15.381	2104	2107	2114	rVV8	8270	13114	0.57%	0.062%
60	15.451	2114	2119	2126	rVV	157896	186429	8.13%	0.880%
61	15.704	2154	2162	2168	rBV	236117	316680	13.81%	1.496%
62	16.051	2217	2221	2222	rBV4	3690	4785	0.21%	0.023%
63	16.169	2237	2241	2244	rBV3	5161	7213	0.31%	0.034%
64	16.263	2254	2257	2263	rVB4	14472	25518	1.11%	0.121%
65	16.316	2263	2266	2271	rBB5	3792	5261	0.23%	0.025%
66	16.404	2278	2281	2283	rBV4	3753	3964	0.17%	0.019%
67	16.451	2285	2289	2292	rVV4	10370	14297	0.62%	0.068%
68	16.498	2293	2297	2302	rVB8	6115	9563	0.42%	0.045%
69	16.569	2305	2309	2313	rVB4	3069	3884	0.17%	0.018%
70	16.633	2315	2320	2327	rBV6	12594	24195	1.06%	0.114%
71	16.710	2328	2333	2339	rVB	44710	74347	3.24%	0.351%
72	16.763	2339	2342	2348	rBV8	5313	11839	0.52%	0.056%
73	16.981	2374	2379	2383	rBV	39088	61768	2.69%	0.292%
74	17.022	2383	2386	2392	rVV2	32700	48063	2.10%	0.227%
75	17.116	2395	2402	2406	rVV	1389578	1960029	85.47%	9.257%
76	17.151	2406	2408	2413	rVV	81141	106764	4.66%	0.504%

LSC Area Percent Report

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Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	17.210	2413	2418	2427	rVV2	659384	1000906	43.65%	4.727%
78	17.286	2427	2431	2442	rVB	35270	75383	3.29%	0.356%
79	17.575	2476	2480	2483	rBV	29942	40260	1.76%	0.190%
80	17.604	2483	2485	2489	rVB4	14732	16656	0.73%	0.079%
81	17.745	2500	2509	2515	rBV	102129	206451	9.00%	0.975%
82	17.857	2523	2528	2536	rVB5	21523	37930	1.65%	0.179%
83	17.980	2545	2549	2557	rBV6	15664	40157	1.75%	0.190%
84	18.057	2557	2562	2568	rBV2	132642	202689	8.84%	0.957%
85	18.210	2585	2588	2593	rVV2	80277	103514	4.51%	0.489%
86	18.275	2595	2599	2602	rVB	50312	63930	2.79%	0.302%
87	18.316	2602	2606	2611	rBV4	27665	40594	1.77%	0.192%
88	18.516	2636	2640	2647	rBV5	55728	120719	5.26%	0.570%
89	18.686	2666	2669	2676	rVB3	29641	49439	2.16%	0.233%
90	19.016	2722	2725	2730	rVB5	24001	32285	1.41%	0.152%
91	19.245	2760	2764	2768	rVB	147212	182975	7.98%	0.864%
92	19.380	2783	2787	2795	rBV8	52127	85617	3.73%	0.404%
93	19.592	2818	2823	2832	rBV2	939895	1299605	56.67%	6.138%
94	21.174	3089	3092	3095	rBV	183703	224553	9.79%	1.061%
95	21.533	3147	3153	3160	rBV2	1274976	2274660	99.19%	10.743%
96	21.769	3189	3193	3198	rVB	283573	403265	17.59%	1.905%
97	21.839	3201	3205	3211	rVB	355046	599430	26.14%	2.831%
98	21.939	3219	3222	3228	rVB	171696	253151	11.04%	1.196%
99	24.592	3667	3673	3682	rVB	300708	717702	31.30%	3.390%
100	24.821	3704	3712	3722	rVB	865836	2293199	100.00%	10.831%

Sum of corrected areas: 21173421

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
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Acq On : 14 Oct 2024 20:46
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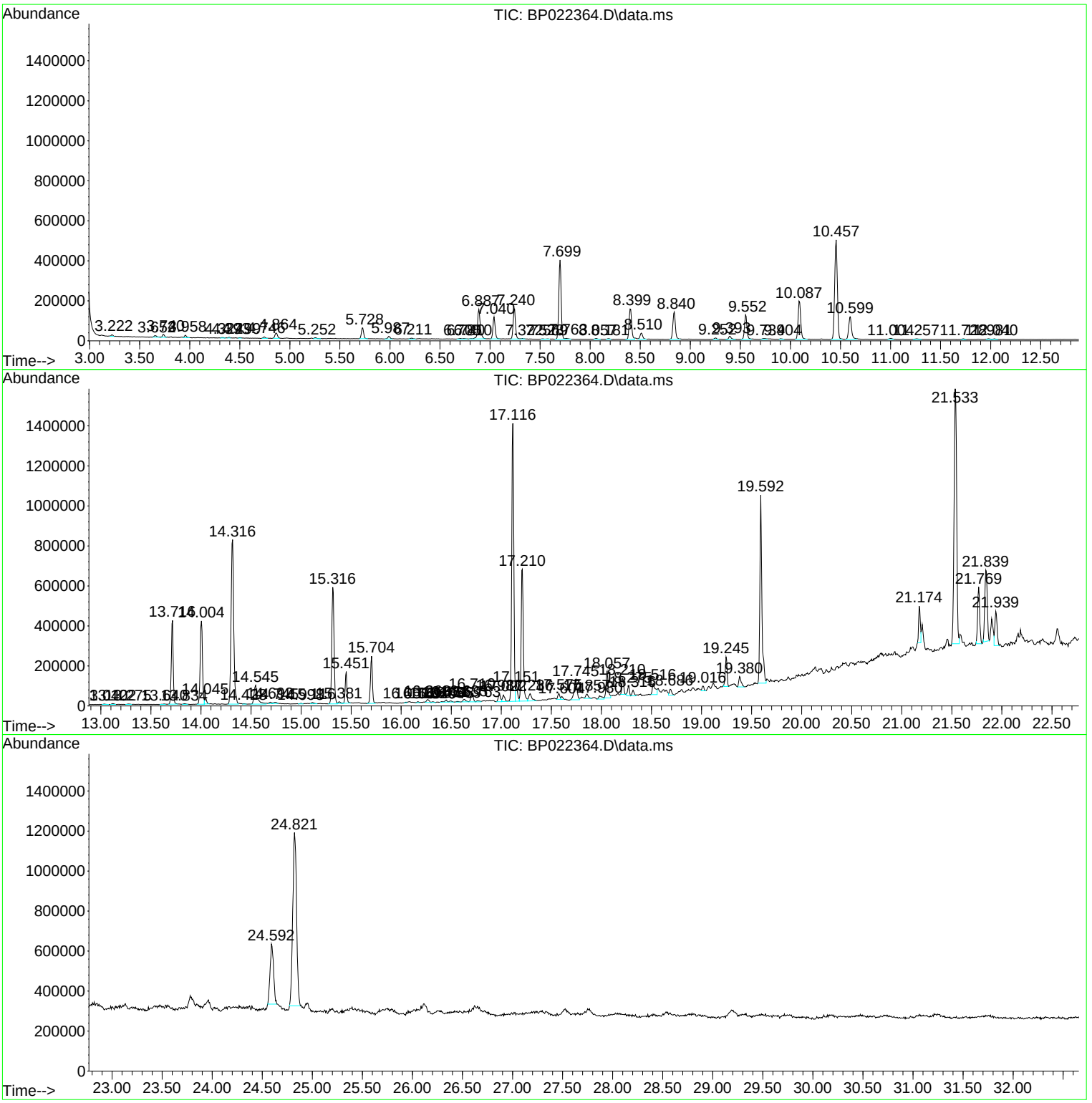
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

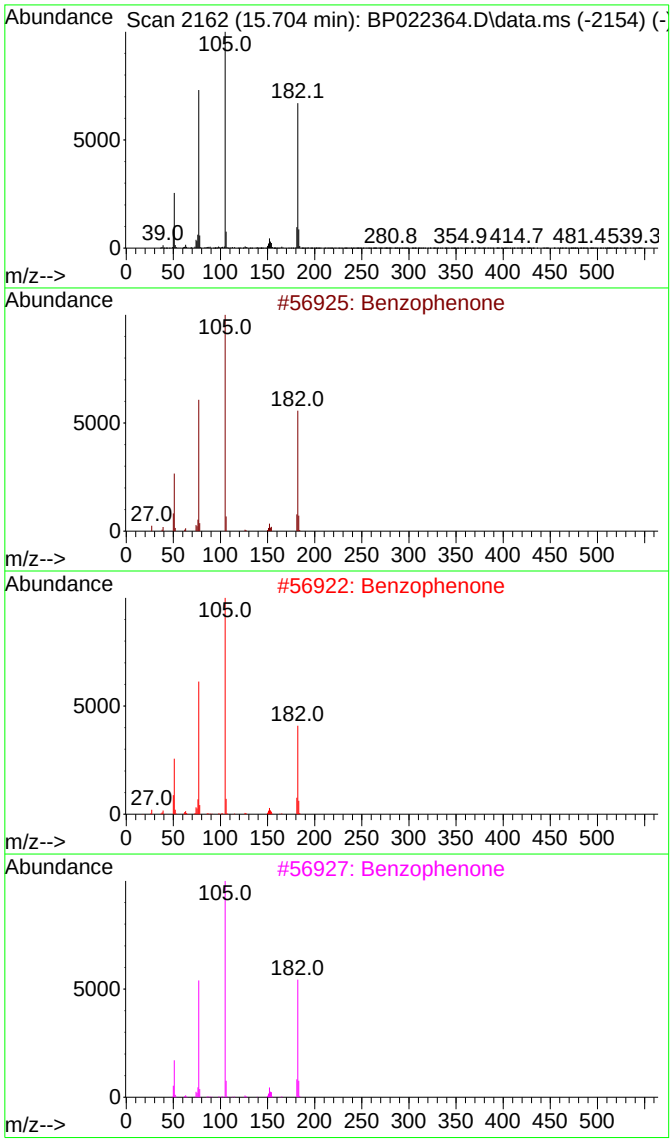
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

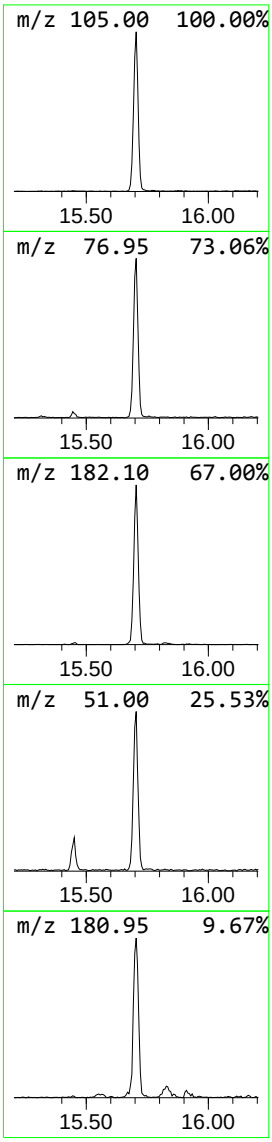
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	4.24 ng/ul	316680	Acenaphthene-d10	14.316

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	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

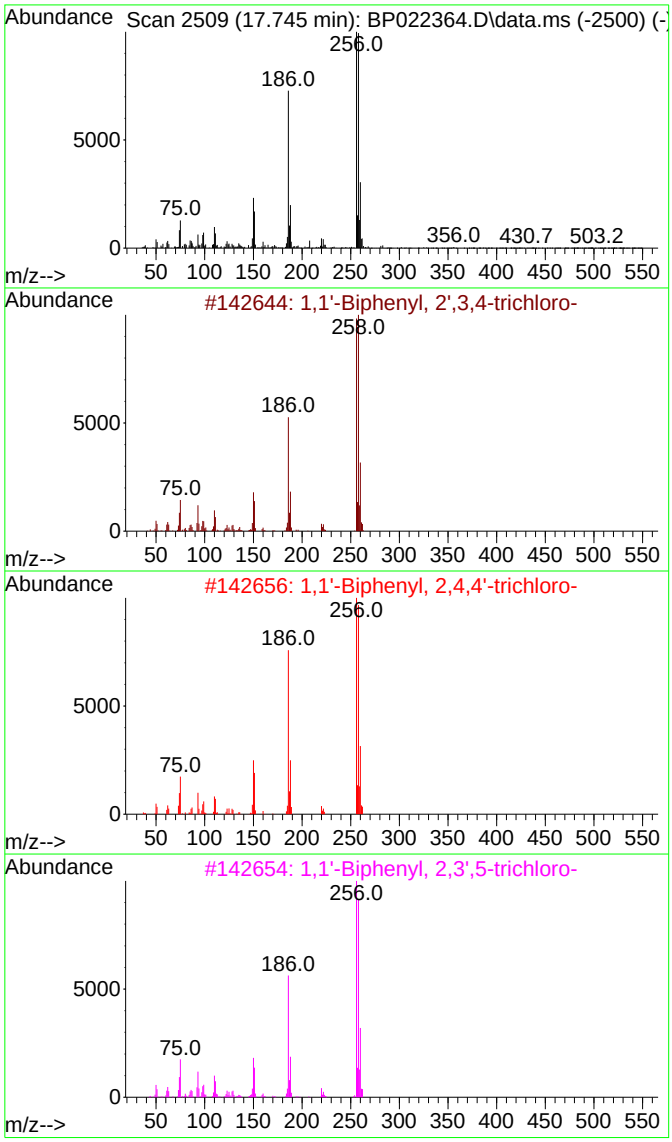
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

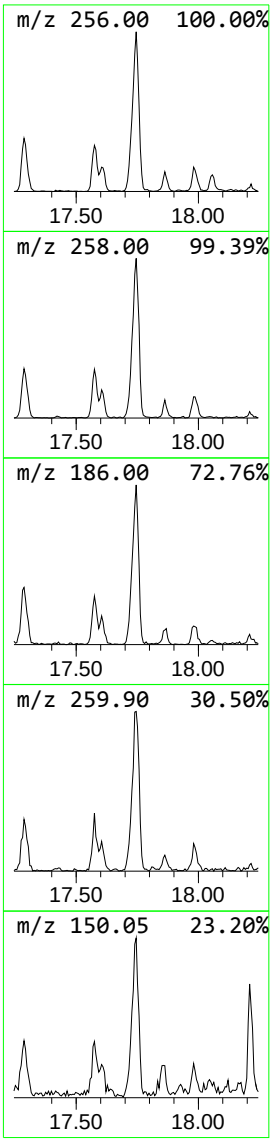
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	2.11 ng/ul	206451	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

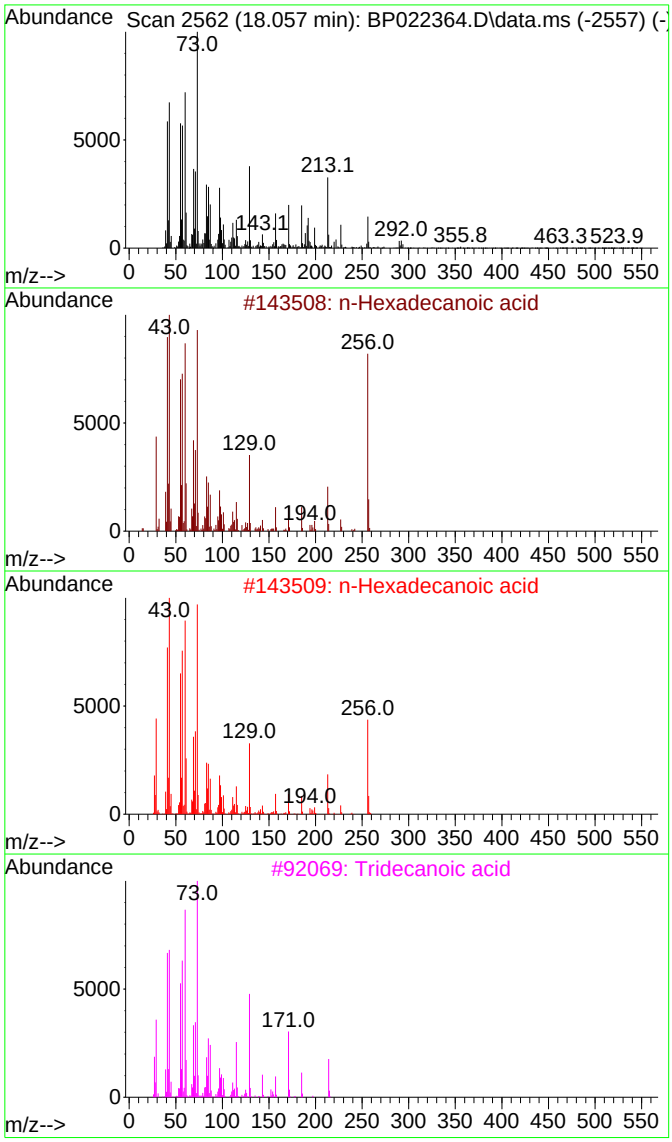
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

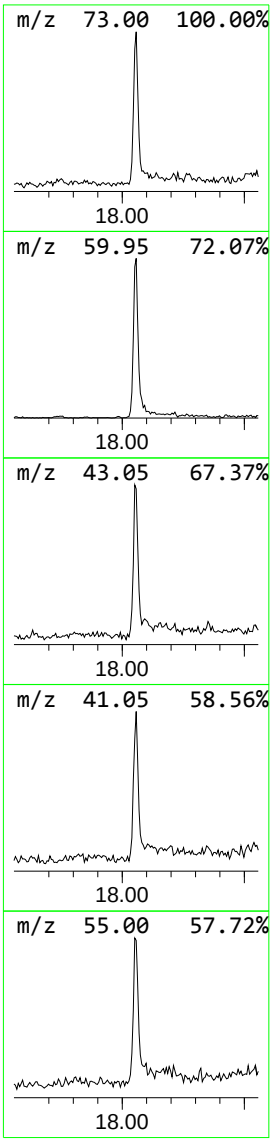
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	2.07 ng/ul	202689	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

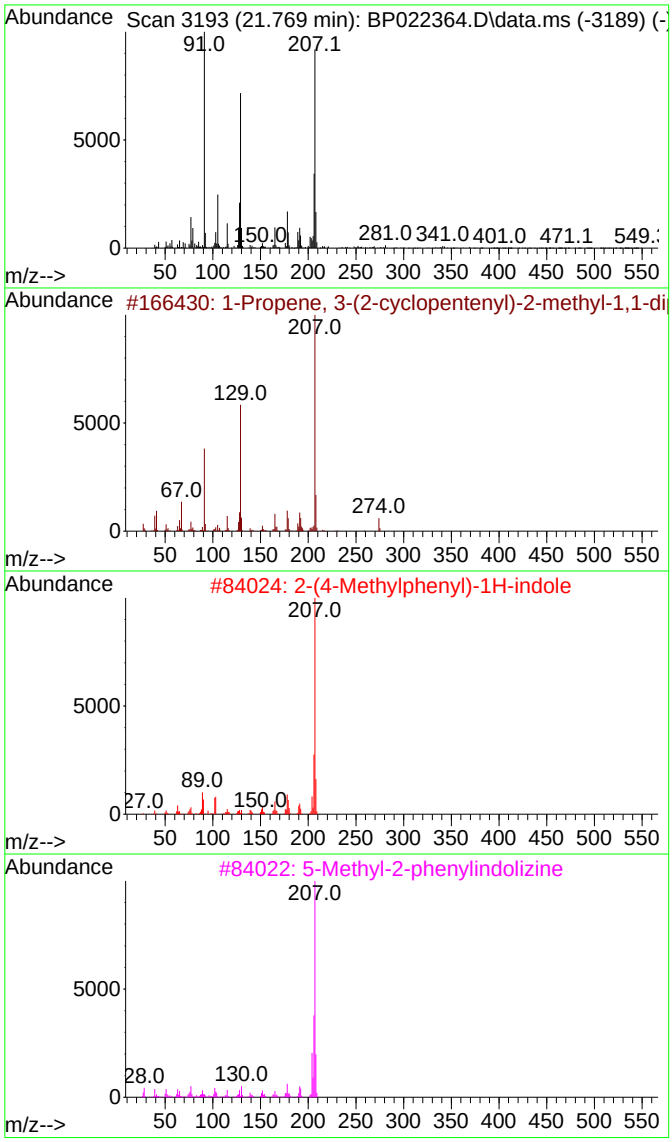
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

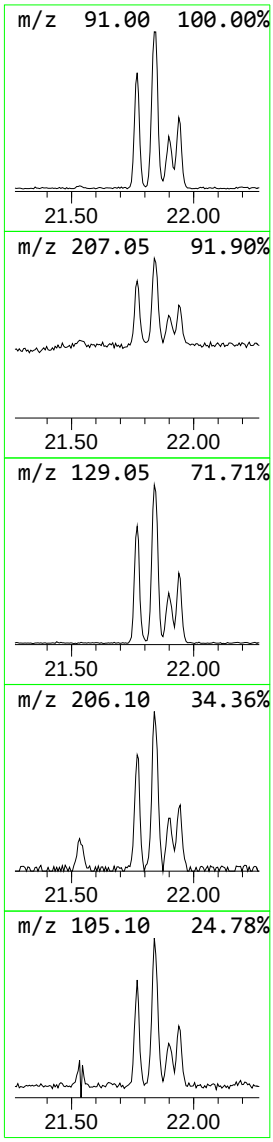
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Propene, 3-(2-cyclopenten... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.769	3.55 ng/ul	403265	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	72
2	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	64
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	58
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	55
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

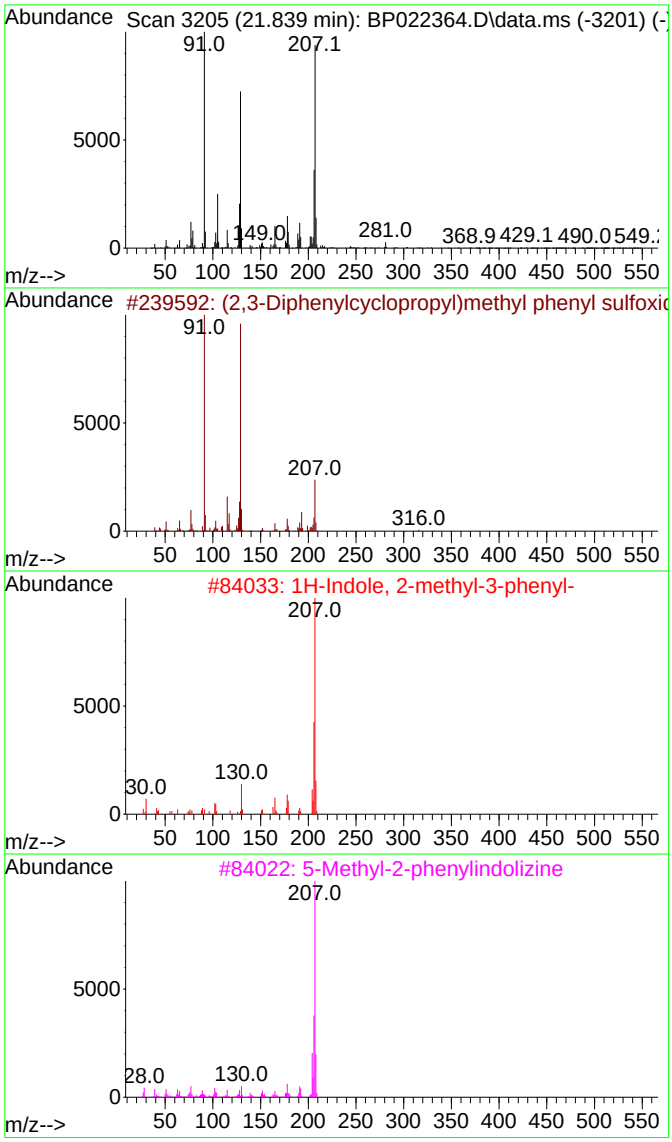
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

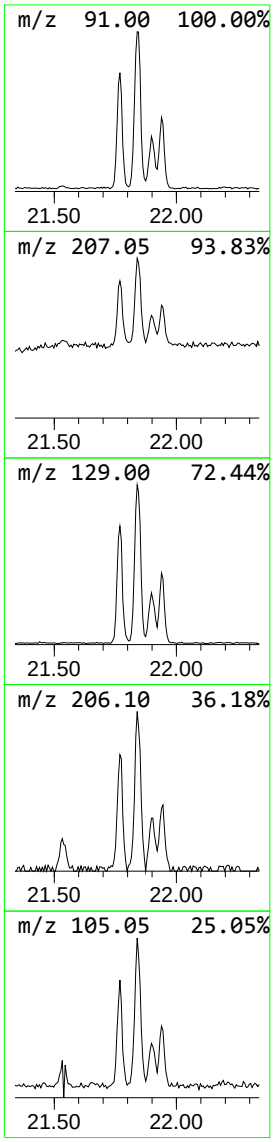
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (2,3-Diphenylcyclopropyl)me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.839	5.27 ng/ul	599430	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	72
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	60
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	58
4	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	53
5	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

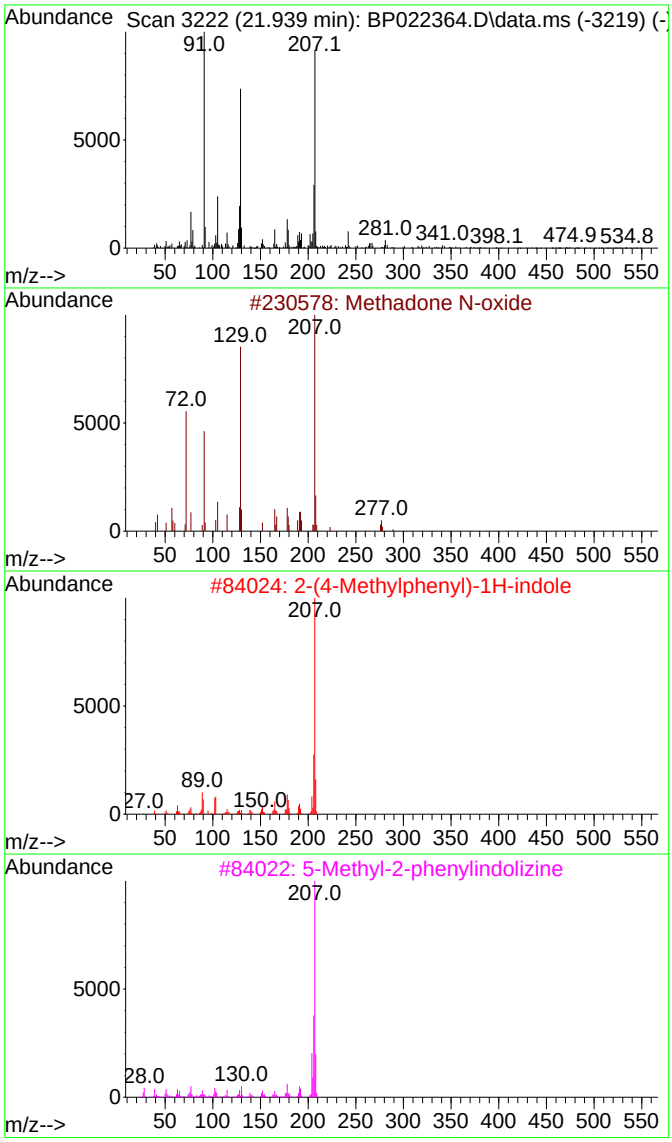
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

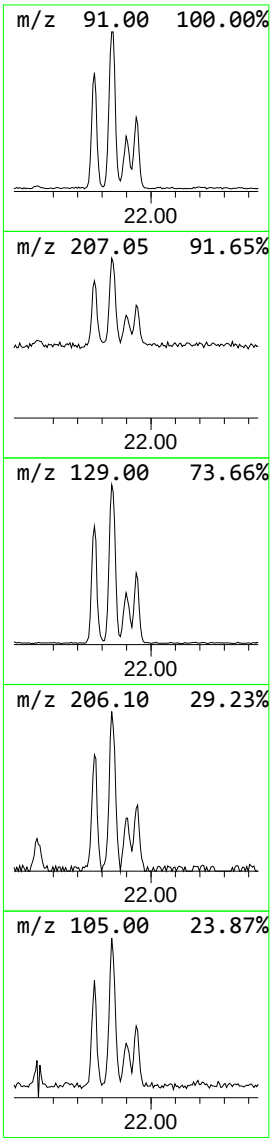
****

Peak Number 7 Methadone N-oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.939	2.23 ng/ul	253151	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	50
2	2-(4-Methylphenyl)-1H-indole	207	C15H13N	055577-25-8	41
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	41
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
5	Borinic acid, (2-cyclohexylidene...	308	C18H37BOSi	074810-48-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022364.D
Acq On : 14 Oct 2024 20:46
Operator : RC/JU
Sample : P4237-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F26

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Benzophenone	15.704	4.2	ng/ul	316680	3	14.316	1492310	20.0
1,1'-Biphenyl, ...	17.745	2.1	ng/ul	206451	4	17.116	1960030	20.0
n-Hexadecanoic ...	18.057	2.1	ng/ul	202689	4	17.116	1960030	20.0
1-Propene, 3-(2...	21.769	3.5	ng/ul	403265	5	21.533	2274660	20.0
(2,3-Diphenylcy...	21.839	5.3	ng/ul	599430	5	21.533	2274660	20.0
Methadone N-oxide	21.939	2.2	ng/ul	253151	5	21.533	2274660	20.0