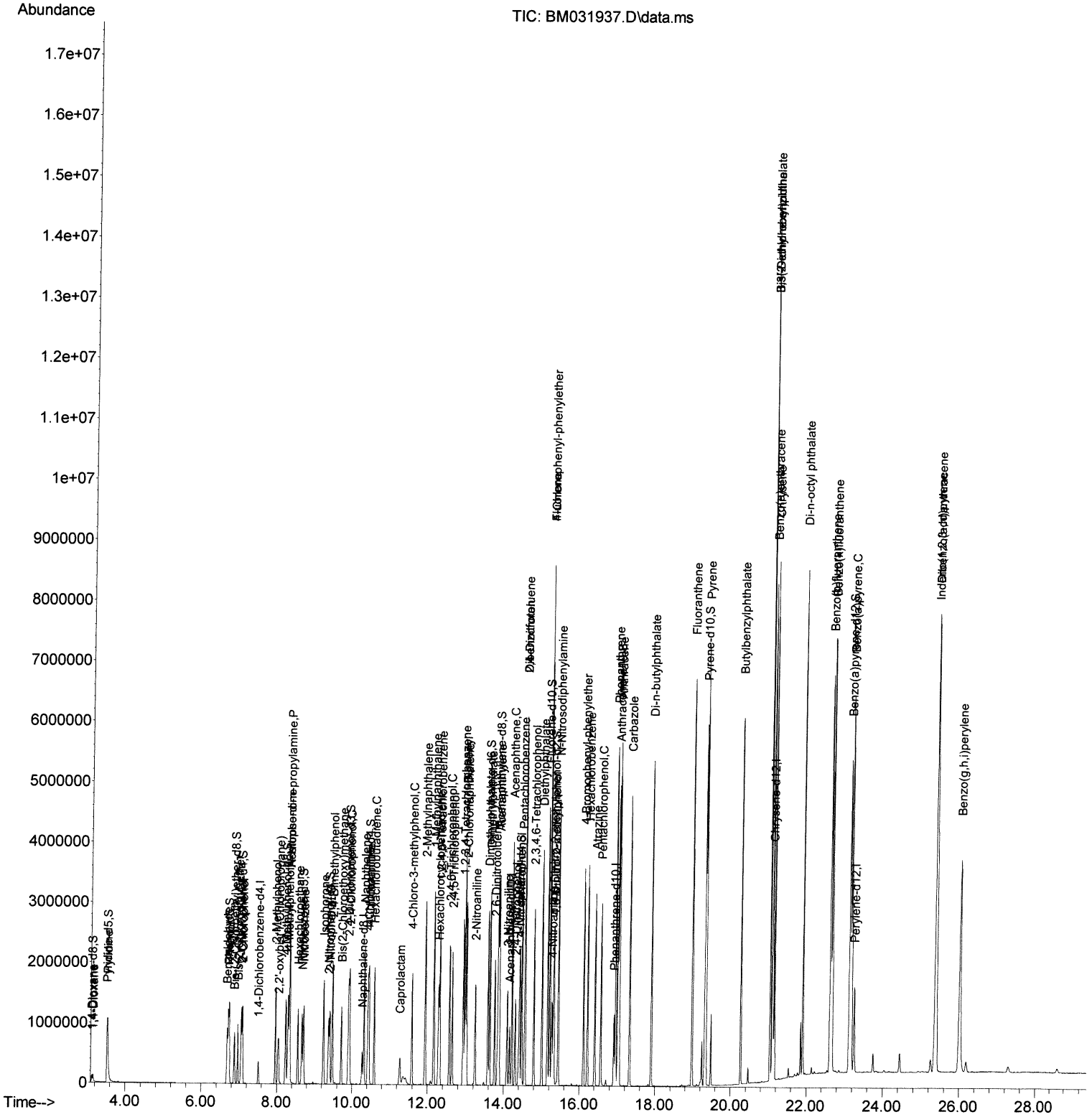
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031937.D
Acq On : 28 Aug 2021 18:06
Operator : CG/JU
Sample : SSTD08022
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 23:56:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 28 23:51:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080019

Manual Integrations APPROVED
mohammad
8/30/2021 10:35:27 AM



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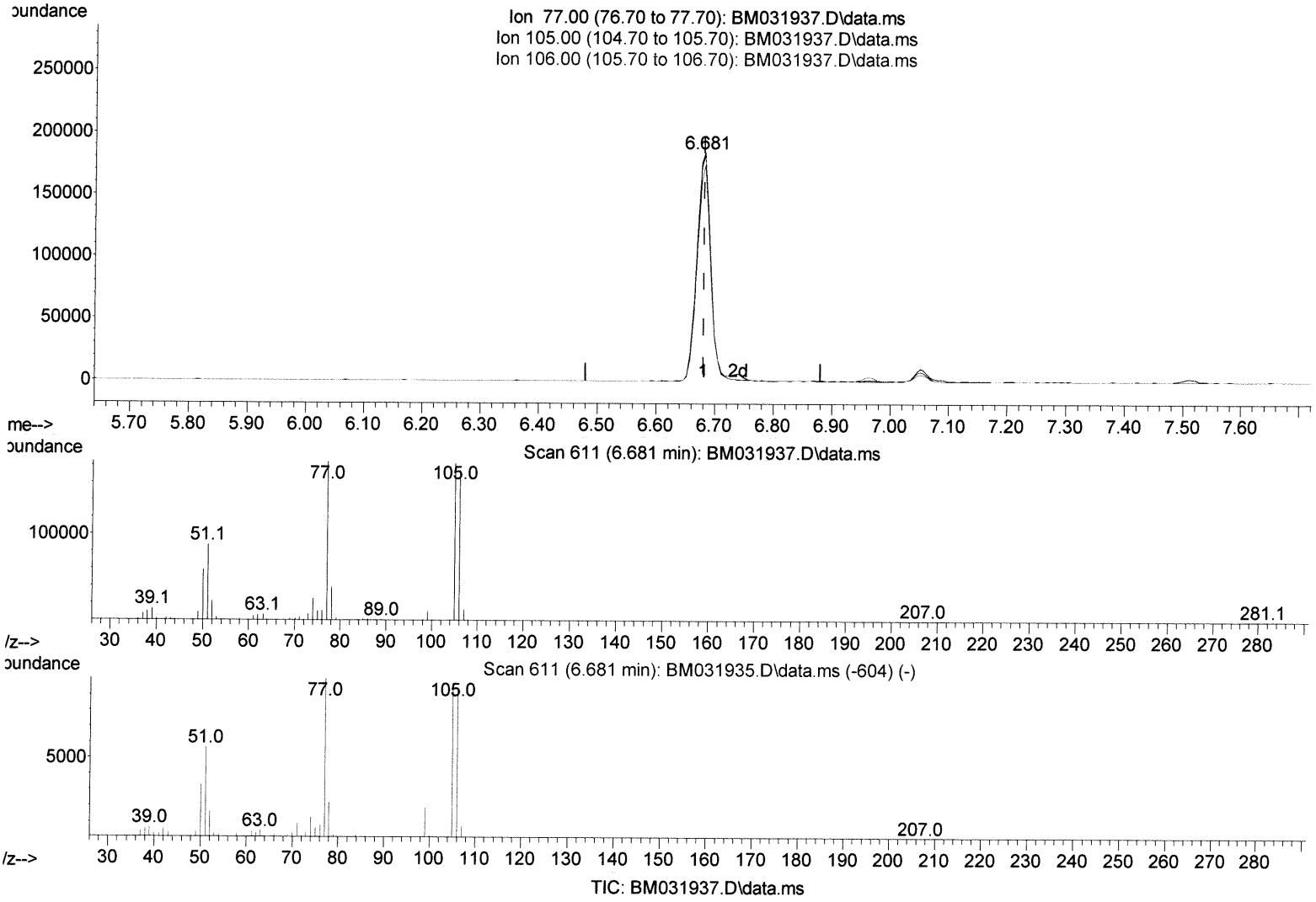

(6) Benzaldehyde

6.681min (+ 0.000) 69.30 ng/ul

response 299667

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.99
106.00	93.70	94.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031937.D
Acq On : 28 Aug 2021 18:06
Operator : CG/JU
Sample : SSTD08022
Misc :
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Quant Time: Aug 28 23:56:08 2021
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mohammad
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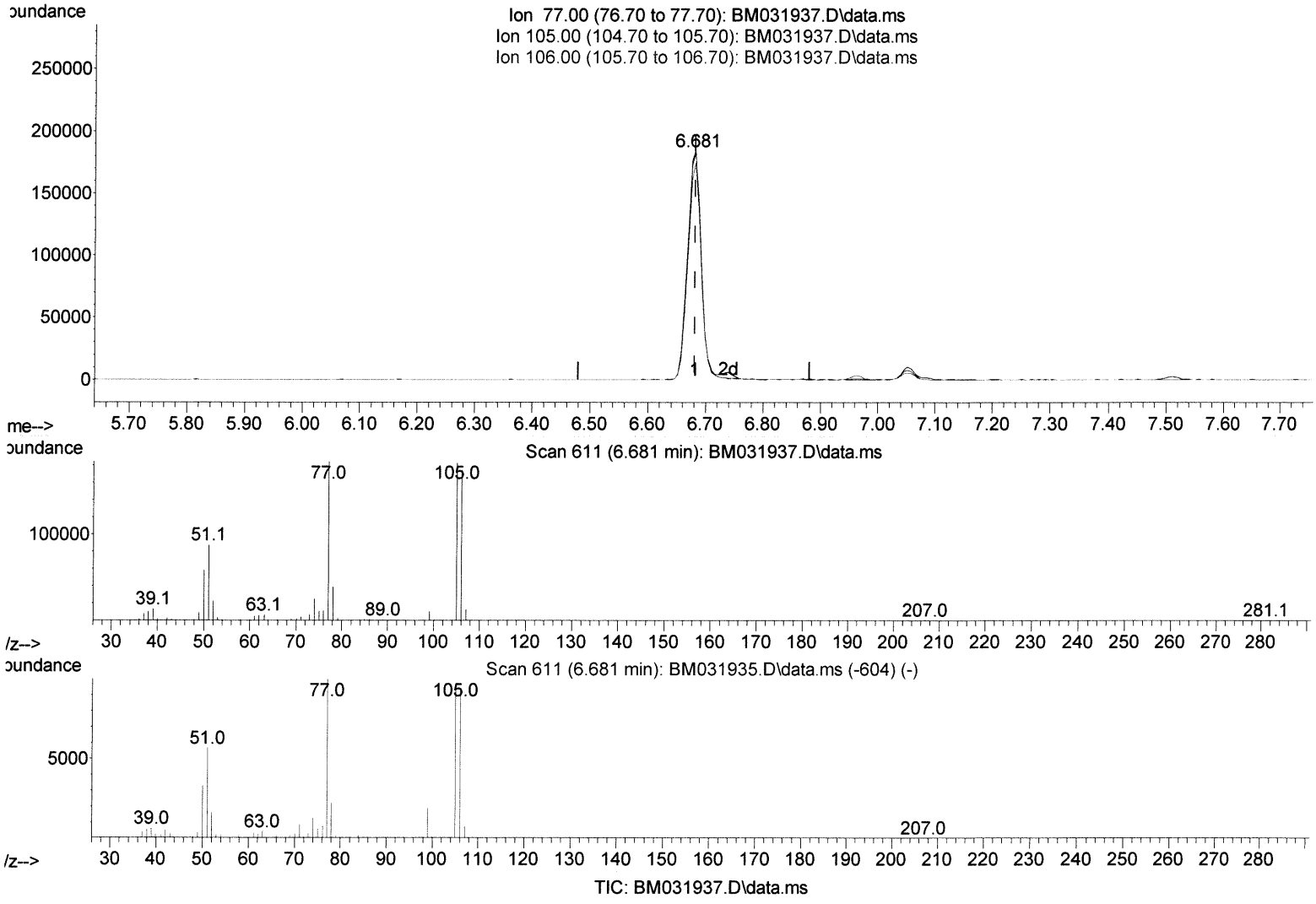

(6) Benzaldehyde

6.681min (+ 0.000) 71.44 ng/ul m

JU 8/31/21

response 308923

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.99
106.00	93.70	94.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
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Misc :
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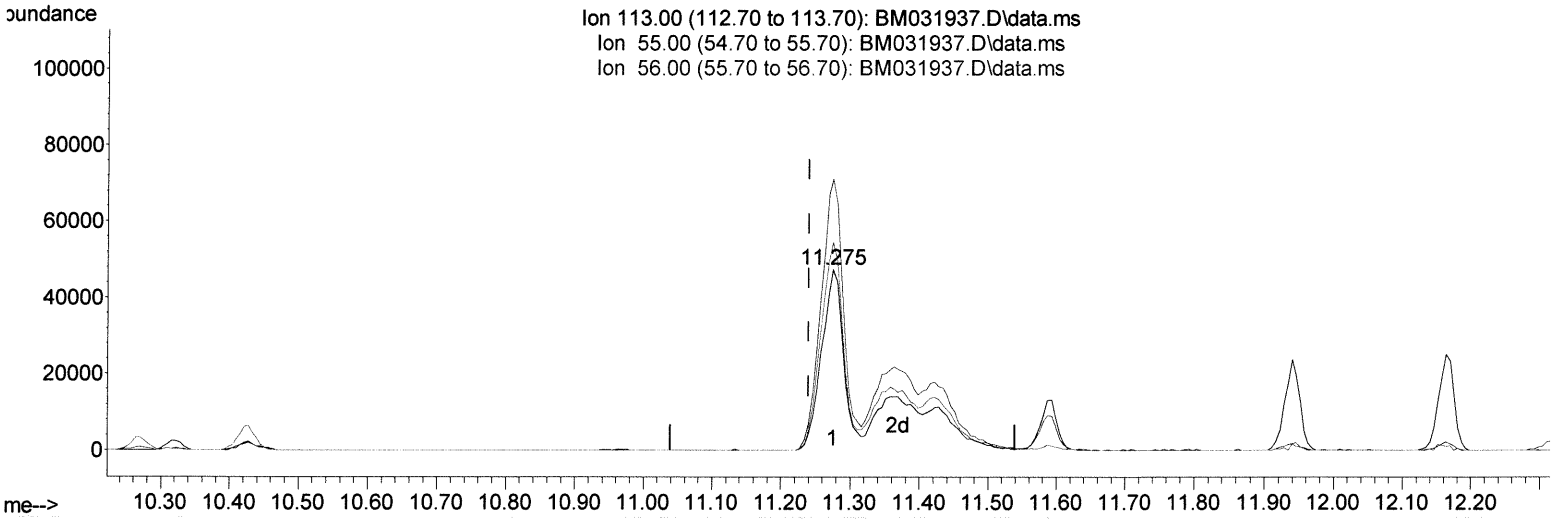

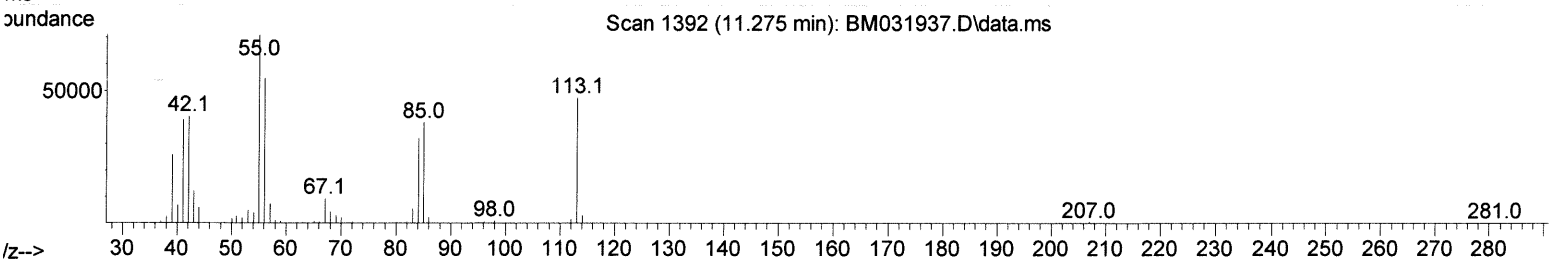

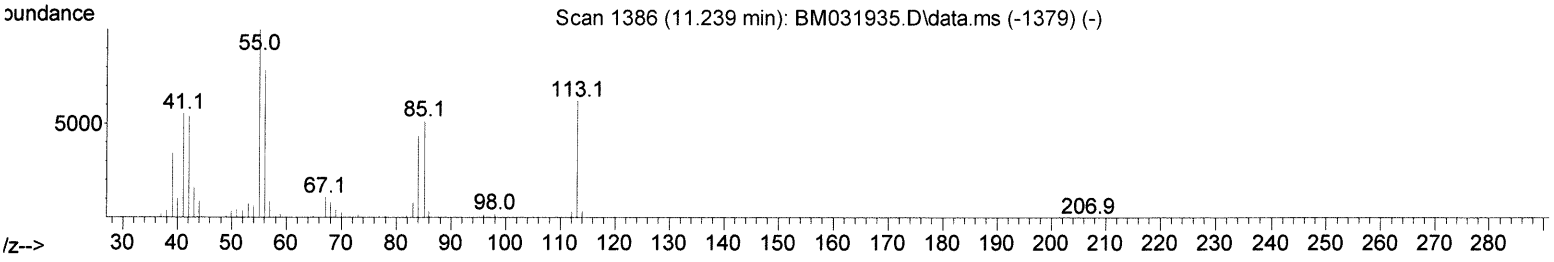

TIC: BM031937.D\data.ms

(34) Caprolactam

11.275min (+ 0.035) 55.72 ng/ul

response 104380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	149.93#
56.00	127.40	115.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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mohammad
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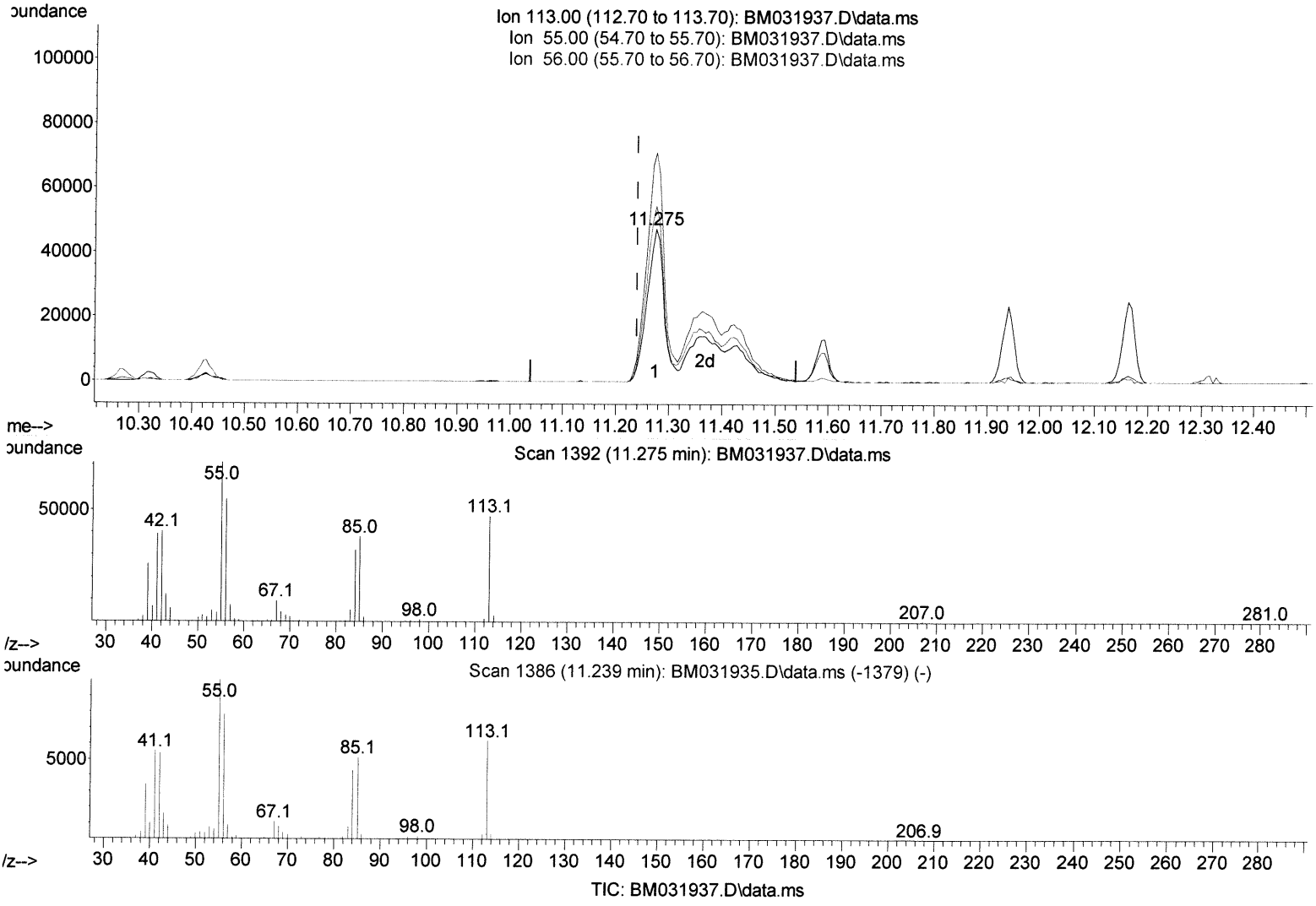

(34) Caprolactam

11.275min (+ 0.035) 105.39 ng/ul m

response 197404

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	149.93#
56.00	127.40	115.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
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Sample : SSTD08022
Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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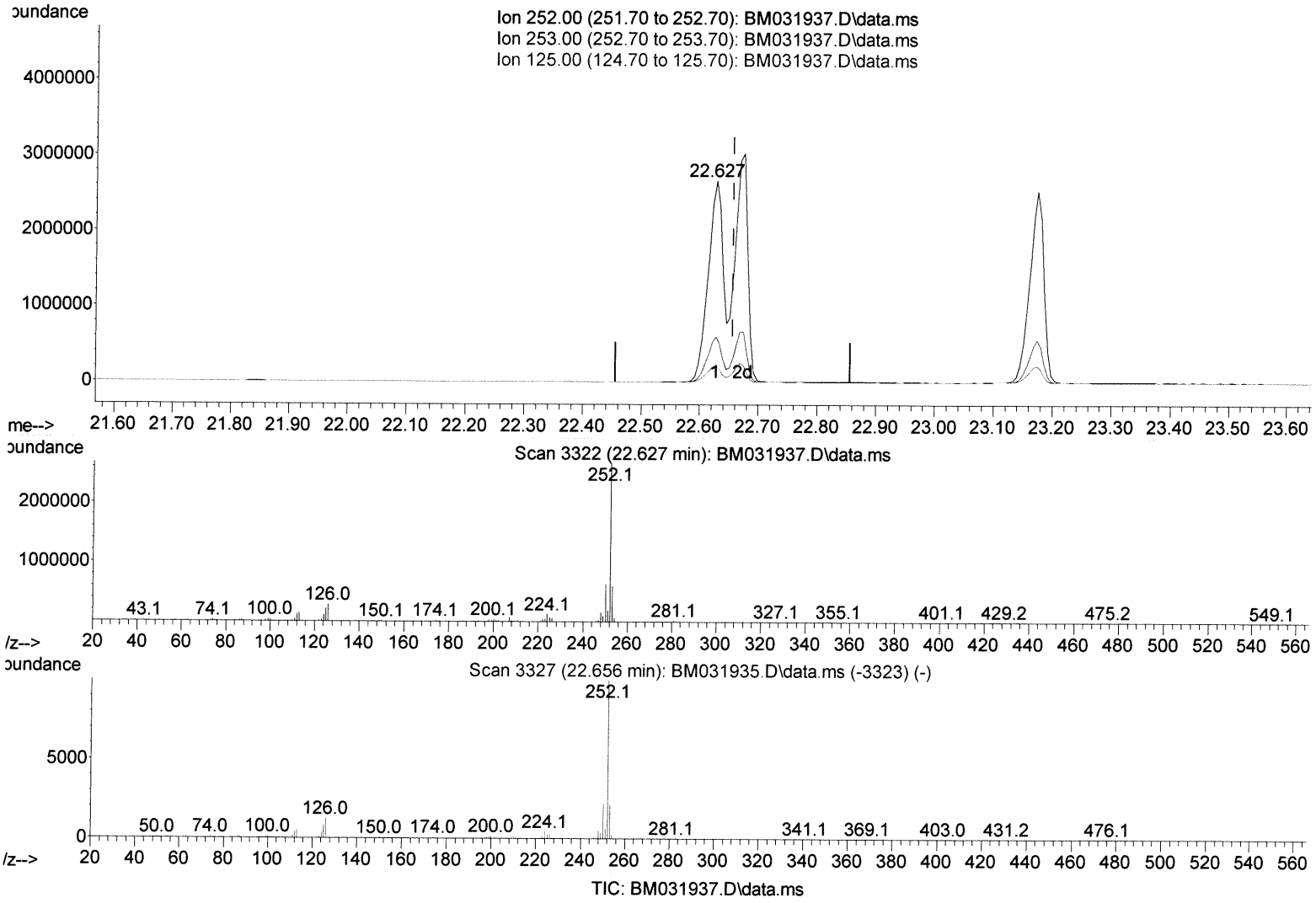

(91) Benzo(k)fluoranthene

22.627min (-0.029) 84.46 ng/ul

response 4671021

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.45
125.00	9.90	8.24
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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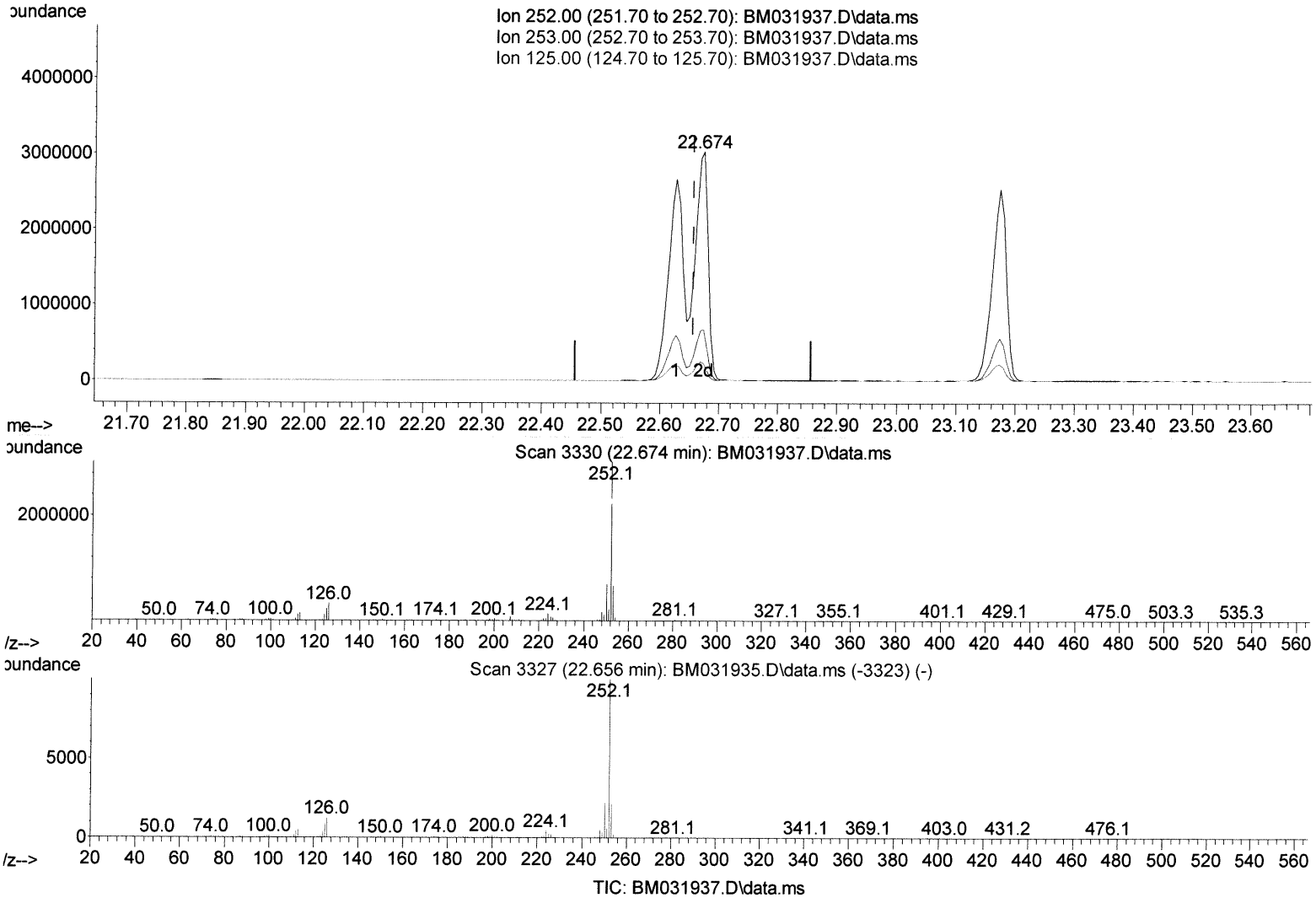

(91) Benzo(k)fluoranthene

22.674min (+ 0.018) 83.44 ng/ul m JU 8/31/21

response 4614616

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.05
125.00	9.90	7.51#
0.00	0.00	0.00

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Sample : SSTD08022
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	96181	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	426300	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	326284	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	722099	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	848371	20.000	ng/ul	0.00
88) Perylene-d12	23.250	264	883239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	63214	25.682	ng/uL	0.00
4) Pyridine-d5	3.516	84	495046	76.910	ng/ul	0.00
7) Phenol-d5	6.710	99	653558	77.766	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	363302	67.112	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	537942	83.430	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	556647	82.649	ng/ul	0.01
21) Nitrobenzene-d5	8.669	128	273713	86.327	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	334504	96.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	644992	96.610	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	826240	87.147	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	2036856	89.168	ng/ul	0.01
49) Acenaphthylene-d8	13.845	160	2491276	86.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	380615	95.744	ng/ul	0.02
60) Fluorene-d10	15.157	176	1778599	88.425	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	426576	92.128	ng/ul	0.01
73) Anthracene-d10	17.016	188	2859142	84.968	ng/ul	0.01
81) Pyrene-d10	19.315	212	3299774	70.524	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.127	264	3974690	87.180	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	64002	25.222	ng/uL	92
5) Pyridine	3.534	79	499803	71.227	ng/ul	92
6) Benzaldehyde	6.681	77	308923m	71.437	ng/ul	> 8/31/21
8) Phenol	6.740	94	647593	75.179	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.963	93	481965	71.830	ng/ul	94
12) 2-Chlorophenol	7.087	128	530423	82.118	ng/ul	94
13) 2-Methylphenol	7.963	108	500032	79.851	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.046	45	616141	55.765	ng/ul#	91
16) Acetophenone	8.340	105	853778	80.550	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.340	70	441712	83.894	ng/ul	94
18) 4-Methylphenol	8.298	108	553016	80.482	ng/ul	96
19) Hexachloroethane	8.563	117	217774	80.121	ng/ul	88
22) Nitrobenzene	8.710	77	638749	78.350	ng/ul	99
23) Isophorone	9.240	82	1226793	86.227	ng/ul#	96
25) 2-Nitrophenol	9.410	139	340939	91.665	ng/ul	93
26) 2,4-Dimethylphenol	9.475	107	656727	85.137	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.716	93	711599	79.035	ng/ul	98
29) 2,4-Dichlorophenol	9.934	162	606532	93.667	ng/ul	98
30) Naphthalene	10.322	128	1753455	81.795	ng/ul	99
32) 4-Chloroaniline	10.451	127	822079	86.430	ng/ul	100
33) Hexachlorobutadiene	10.592	225	379843	86.291	ng/ul	99
34) Caprolactam	11.275	113	197404m	105.386	ng/ul	> 8/31/21
35) 4-Chloro-3-methylphenol	11.586	107	638078	97.231	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	1403584	91.832 ng/ul	100
37) 1-Methylnaphthalene	12.163	142	1422751	91.825 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	784937	79.307 ng/ul	99
40) Hexachlorocyclopentadiene	12.286	237	453912	75.446 ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	550283	88.128 ng/ul	96
42) 2,4,5-Trichlorophenol	12.645	196	590730	89.256 ng/ul	98
43) 1,1'-Biphenyl	12.980	154	1899521	79.896 ng/ul#	98
44) 2-Chloronaphthalene	13.016	162	1495296	80.364 ng/ul	99
45) 2-Nitroaniline	13.245	65	448110	85.711 ng/ul	97
47) Dimethylphthalate	13.633	163	1970499	88.052 ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	432506	100.346 ng/ul	93
50) Acenaphthylene	13.875	152	2269381	84.187 ng/ul	99
51) 3-Nitroaniline	14.092	138	387196	85.983 ng/ul	95
52) Acenaphthene	14.222	153	1619182	82.340 ng/ul	98
53) 2,4-Dinitrophenol	14.304	184	302582	117.810 ng/ul	93
55) 4-Nitrophenol	14.422	109	343786	101.889 ng/ul	87
56) Dibenzofuran	14.557	168	2362914	85.338 ng/ul	98
57) 2,4-Dinitrotoluene	14.557	165	643285	107.053 ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.792	232	527130	95.790 ng/ul	97
59) Diethylphthalate	15.010	149	2057708	92.644 ng/ul	98
61) Fluorene	15.216	166	2041906	89.532 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	1021181	88.967 ng/ul	99
63) 4-Nitroaniline	15.269	138	363486	84.734 ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.327	198	410506	91.836 ng/ul#	94
67) N-Nitrosodiphenylamine	15.439	169	1746357	81.124 ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	636097	83.641 ng/ul	99
69) Hexachlorobenzene	16.216	284	726863	84.212 ng/ul	96
70) Atrazine	16.410	200	626372	81.697 ng/ul	97
71) Pentachlorophenol	16.563	266	480036	91.521 ng/ul	98
72) Phenanthrene	16.957	178	3249563	84.336 ng/ul	99
74) Anthracene	17.051	178	3395647	85.772 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	790442	70.607 ng/uL	99
76) Pentachlorobenzene	14.475	250	826075	75.409 ng/uL	99
77) Carbazole	17.327	167	2946927	85.630 ng/ul	100
78) Di-n-butylphthalate	17.898	149	3691532	93.075 ng/ul	99
80) Fluoranthene	18.980	202	3989094	69.143 ng/ul	95
82) Pyrene	19.345	202	4180268	69.910 ng/ul	96
83) Butylbenzylphthalate	20.268	149	1794030	87.773 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.045	252	1624343	104.926 ng/ul	96
85) Benzo(a)anthracene	21.103	228	4231817	79.782 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	2869728	95.239 ng/ul#	96
87) Chrysene	21.156	228	4068876	77.963 ng/ul	98
89) Di-n-octyl phthalate	21.903	149	4898827	89.311 ng/ul	100
90) Benzo(b)fluoranthene	22.627	252	4671021	82.098 ng/ul	99
91) Benzo(k)fluoranthene	22.674	252	4614616m	83.445 ng/ul	
93) Benzo(a)pyrene	23.174	252	4232350	84.062 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.386	276	5375346	85.846 ng/ul	96
95) Dibenzo(a,h)anthracene	25.397	278	4568172	87.010 ng/ul#	97
96) Benzo(g,h,i)perylene	26.027	276	4317891	86.010 ng/ul	96

> JU 8/31/21

(#) = qualifier out of range (m) = manual integration (+) = signals summed