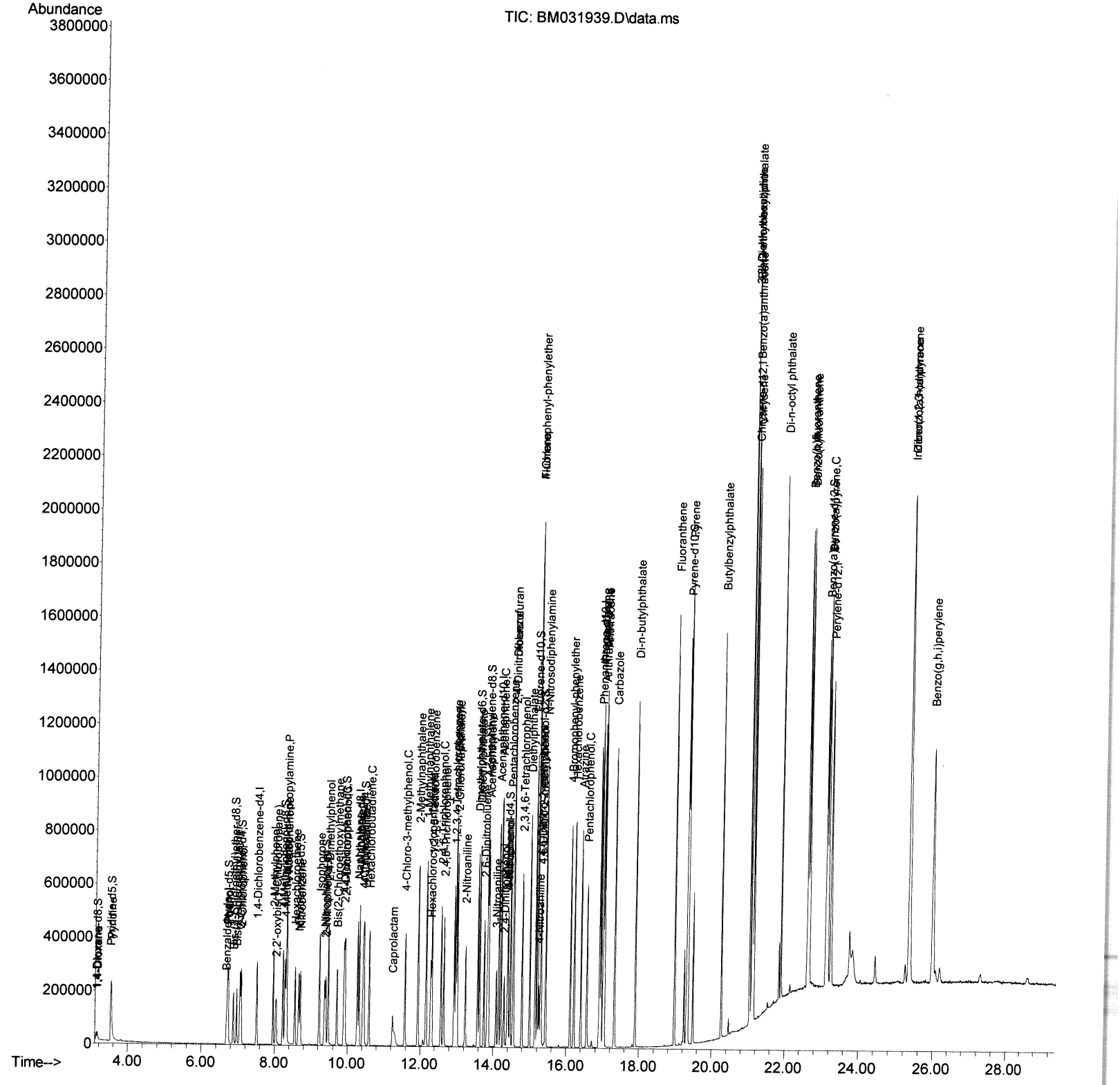
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031939.D
Acq On : 28 Aug 2021 19:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 09:23:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV022

Manual Integrations APPROVED
mohammad
8/30/2021 10:35:23 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031939.D
Acq On : 28 Aug 2021 19:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 09:23:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
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Instrument :
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Manual Integrations APPROVED
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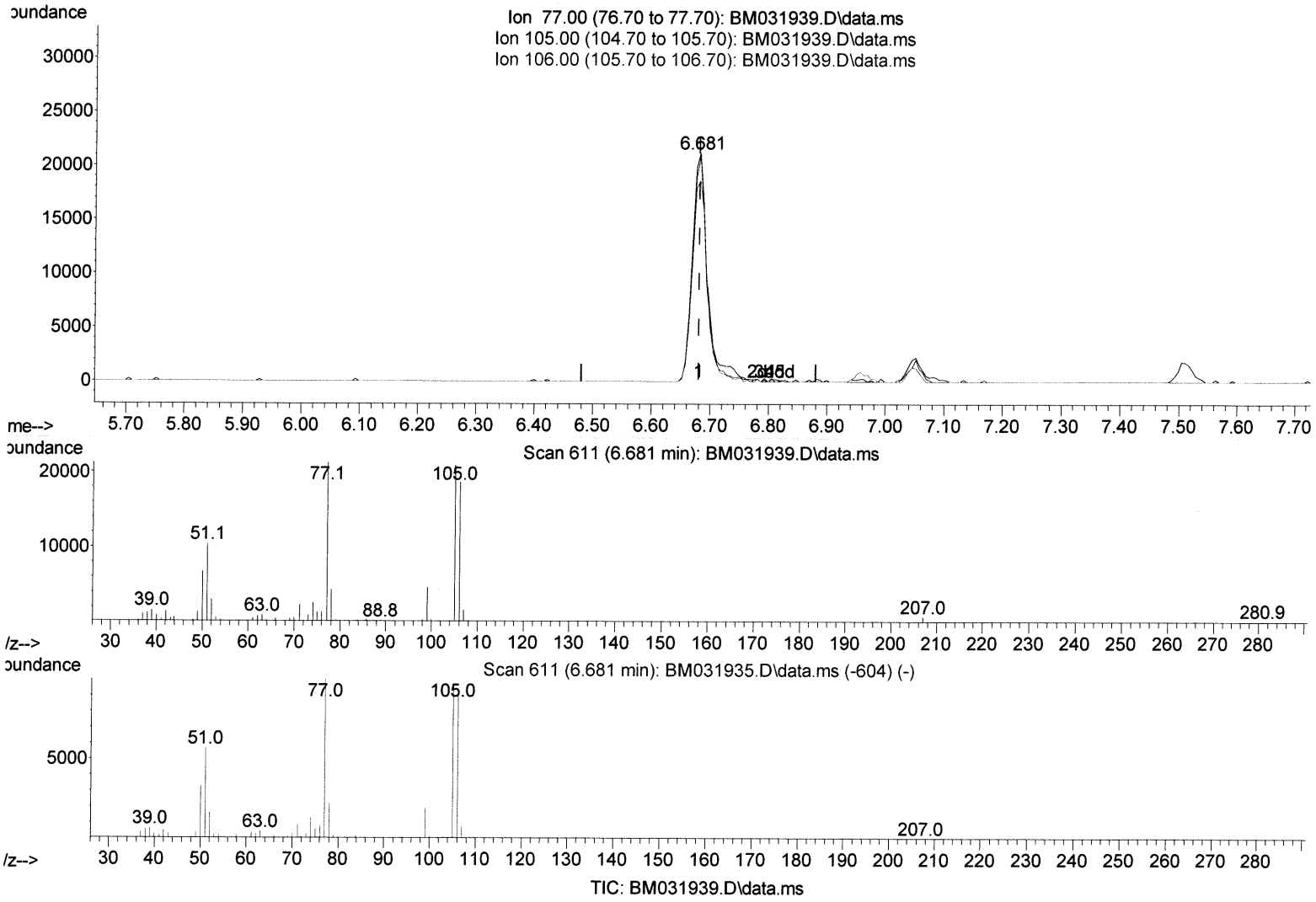

(6) Benzaldehyde

6.681min (+ 0.000) 12.16 ng/ul

response 37230

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.30
106.00	93.70	88.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031939.D
Acq On : 28 Aug 2021 19:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

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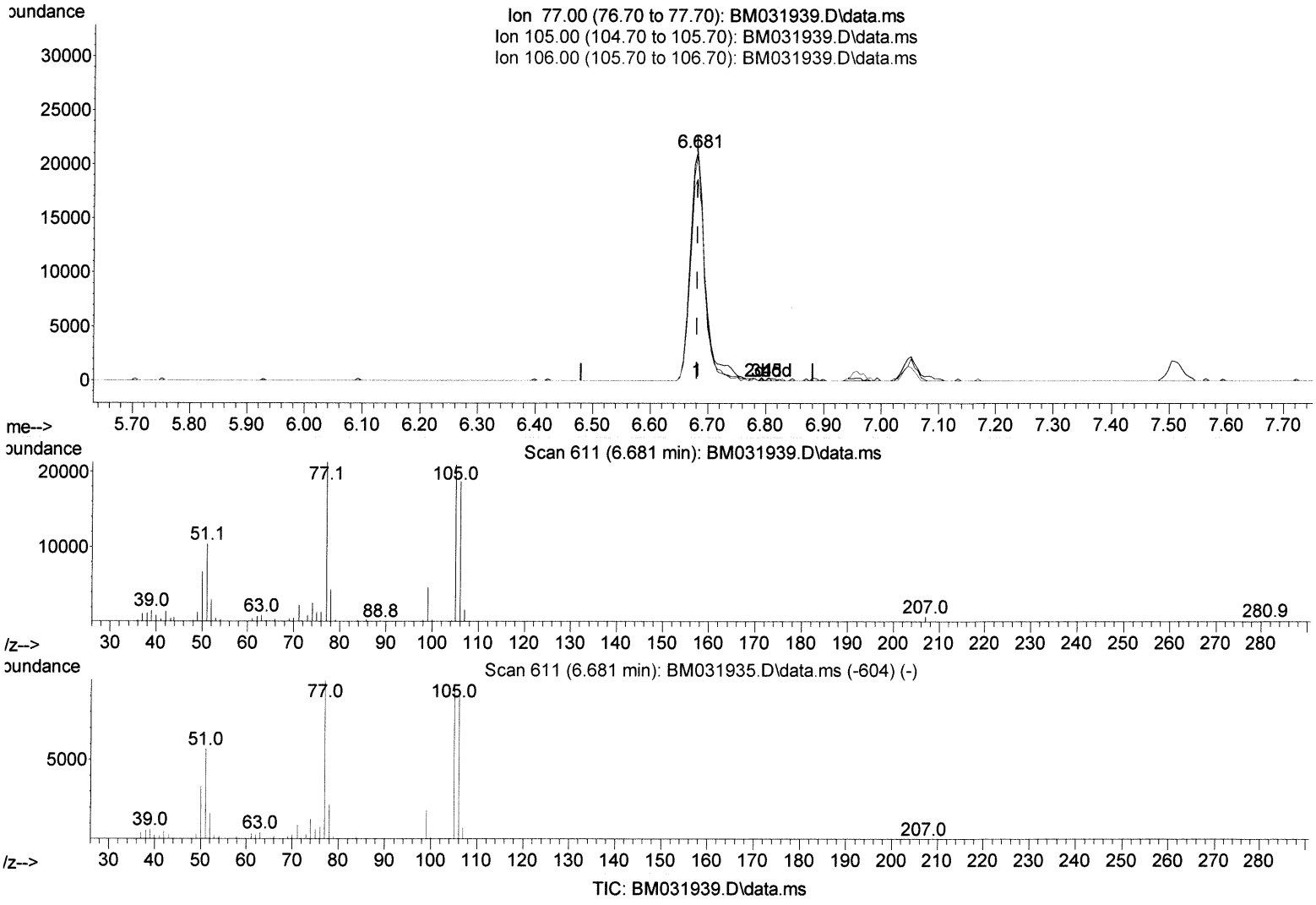
Manual Integrations APPROVED
mohammad
8/30/2021 10:35:23 AM



(6) Benzaldehyde

6.681min (+ 0.000) 12.61 ng/ul m

response 38586

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.30
106.00	93.70	88.00
0.00	0.00	0.00

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mohammad
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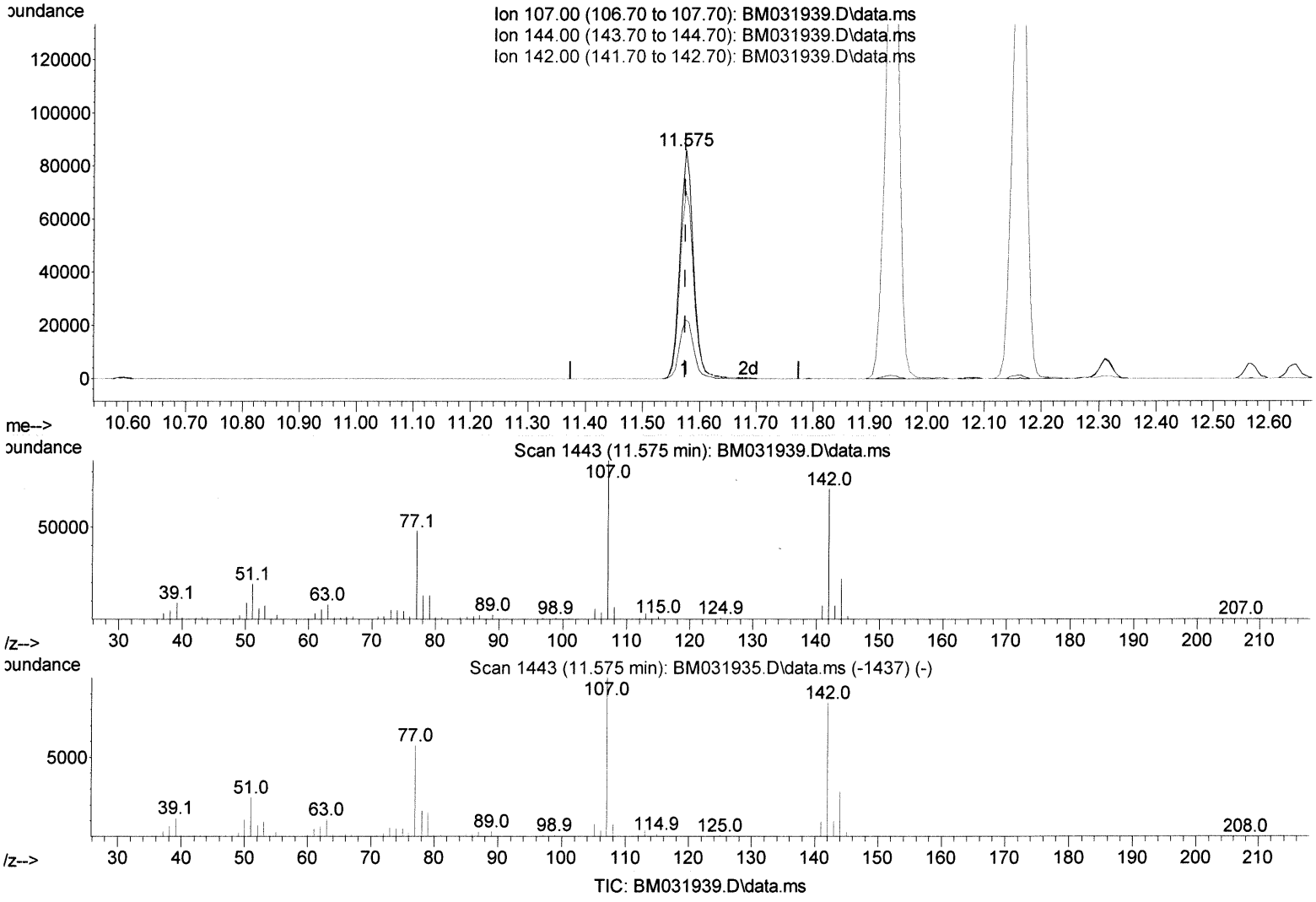

(35) 4-Chloro-3-methylphenol (C)

11.575min (+ 0.000) 22.42 ng/ul

response 141665

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	27.90	25.51
142.00	82.00	82.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
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Sample : SSTDICV020
Misc :
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Instrument :
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Manual Integrations APPROVED
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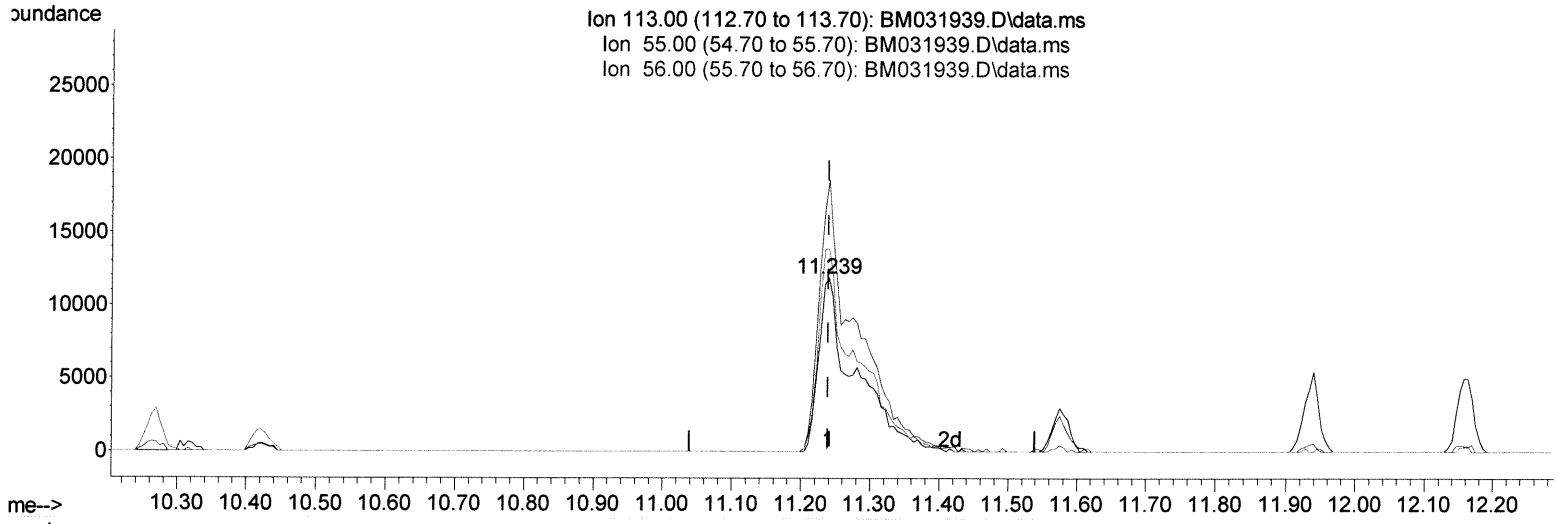

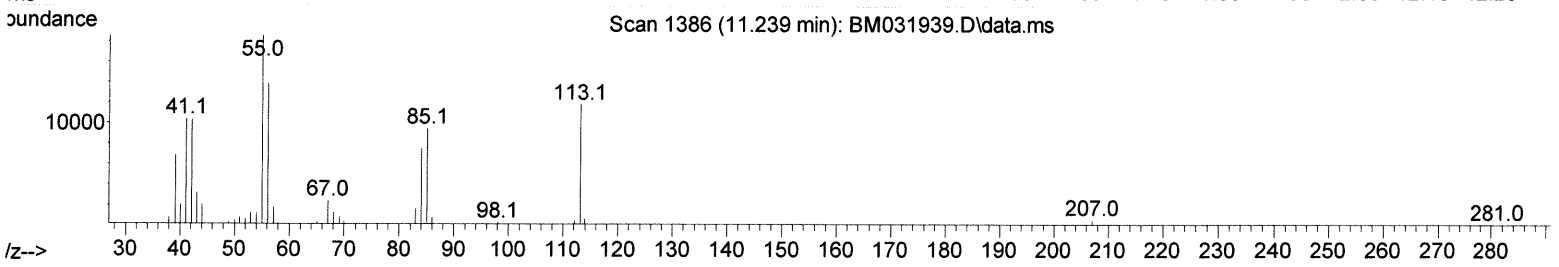

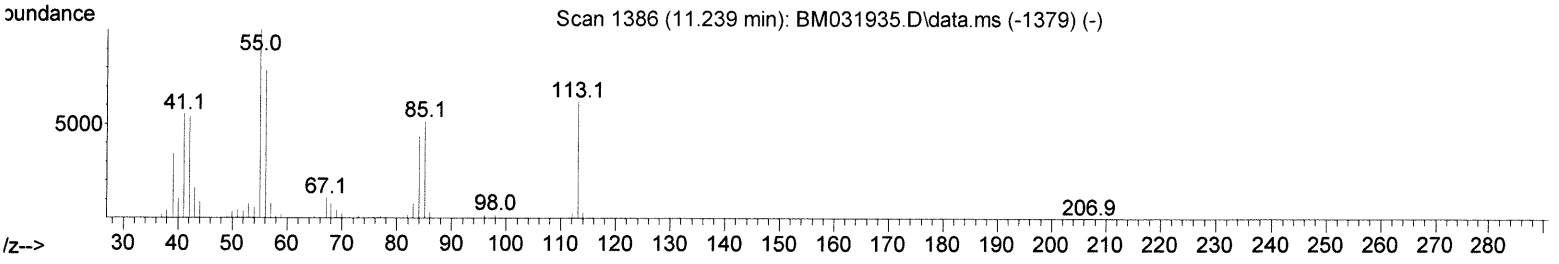

TIC: BM031939.D\data.ms

(34) Caprolactam

11.239min (+ 0.000) 12.76 ng/ul

response 25623

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	156.40
56.00	127.40	116.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031939.D
Acq On : 28 Aug 2021 19:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 09:23:16 2021
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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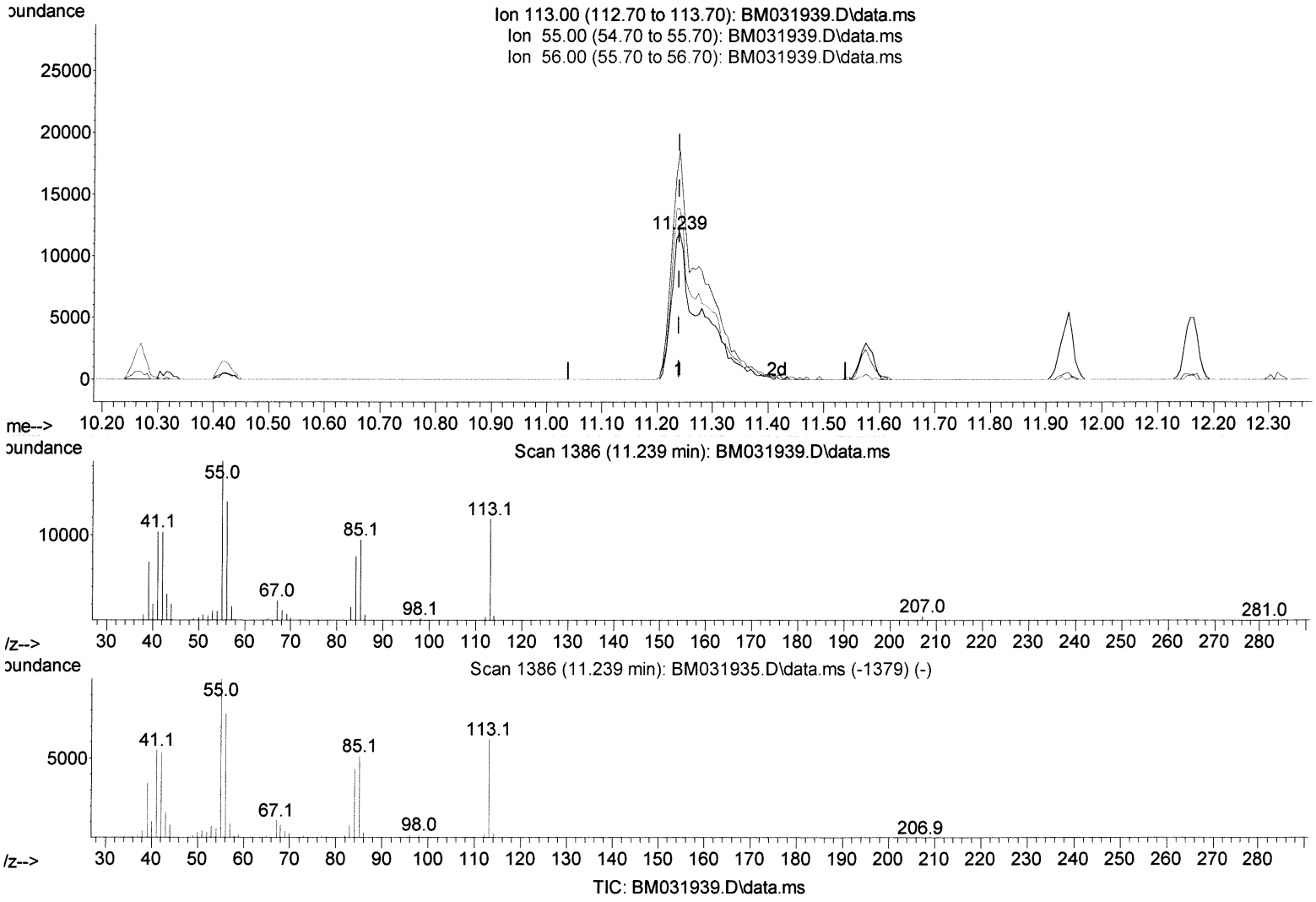

(34) Caprolactam

11.239min (+ 0.000) 21.53 ng/ul m

JU 8/31/21

response 43244

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	156.40
56.00	127.40	116.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031939.D
Acq On : 28 Aug 2021 19:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 09:23:16 2021
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Instrument :
BNA_M
ClientSampleId :
SICV022

Manual Integrations APPROVED
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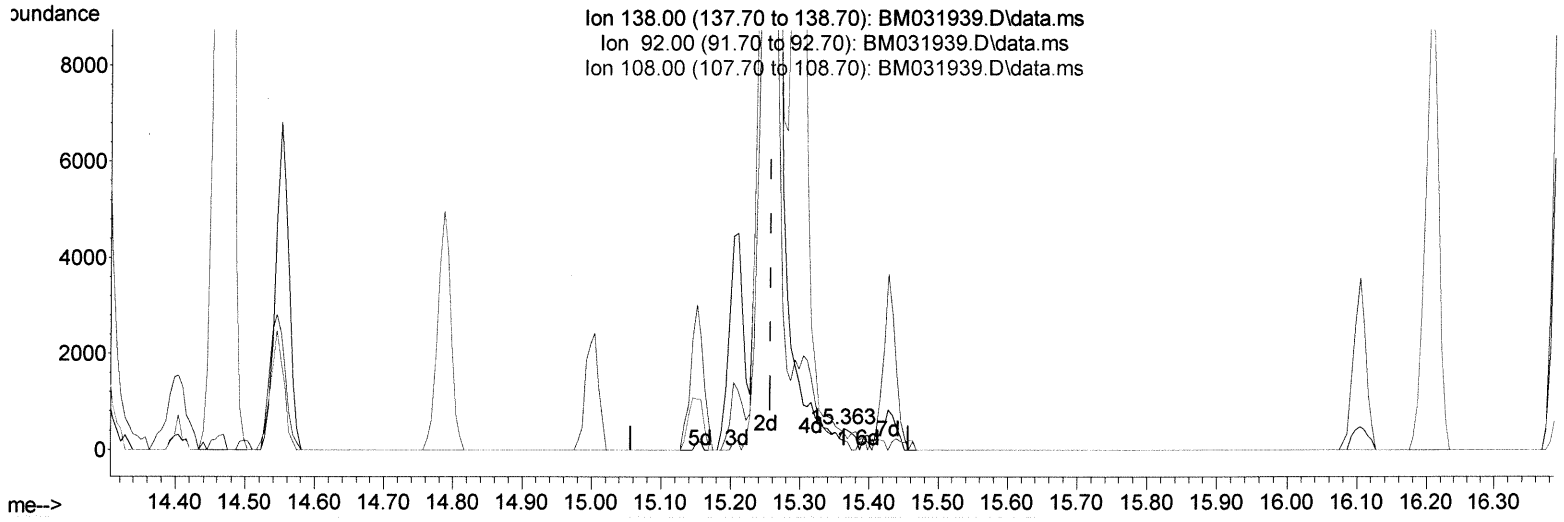
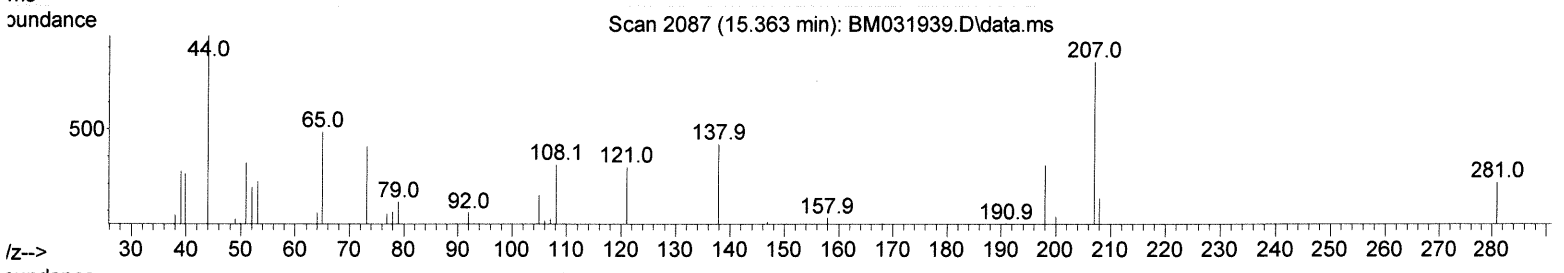
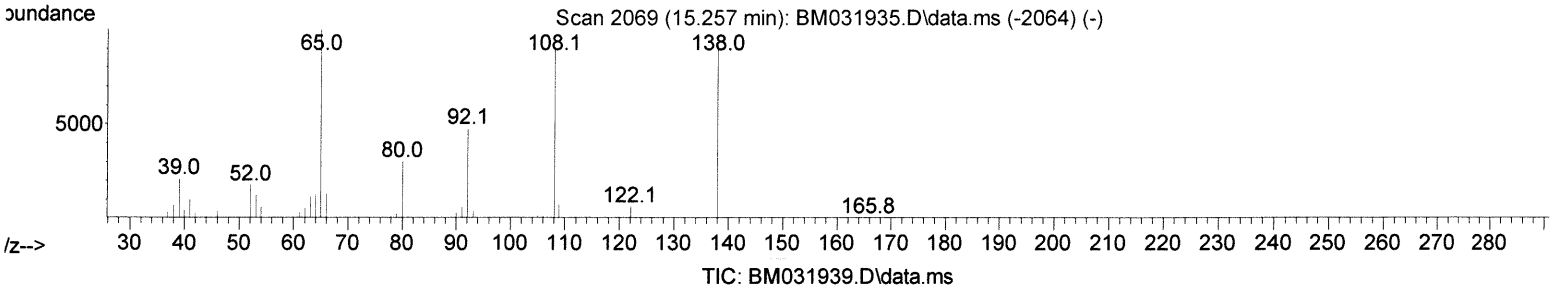
8/30/2021 10:35:23 AM







TIC: BM031939.D\data.ms

(63) 4-Nitroaniline

15.363min (+ 0.106) 0.15 ng/ul

response 515

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	43.37
108.00	76.80	83.15
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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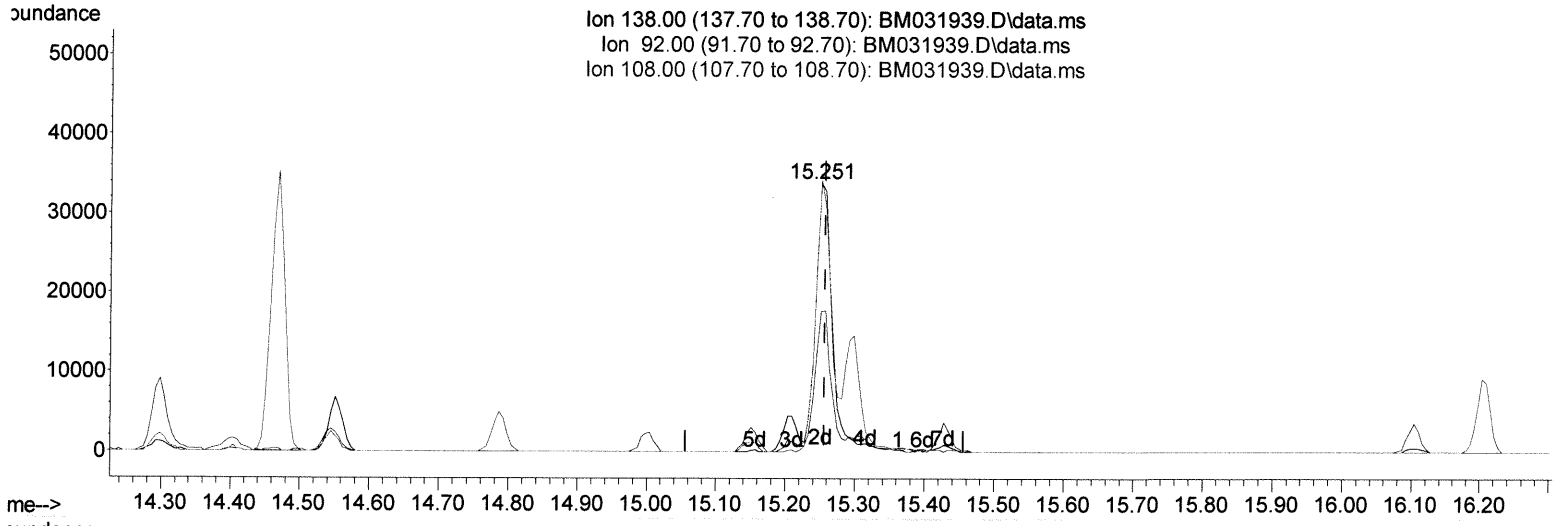

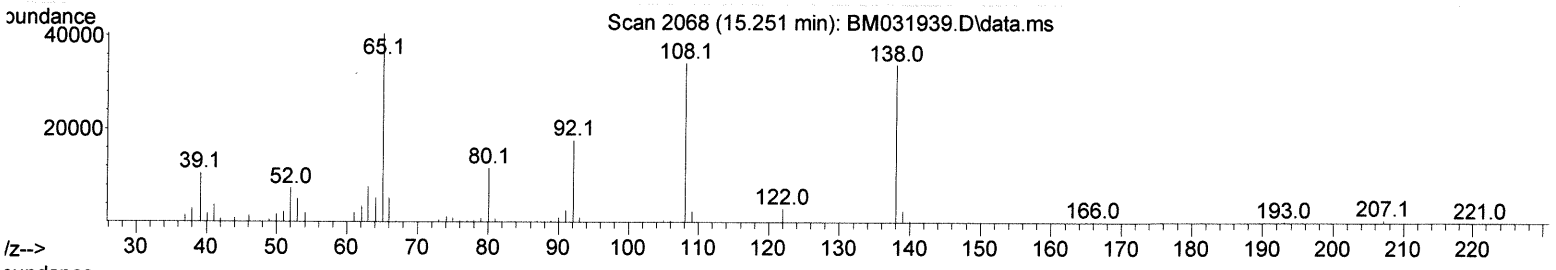

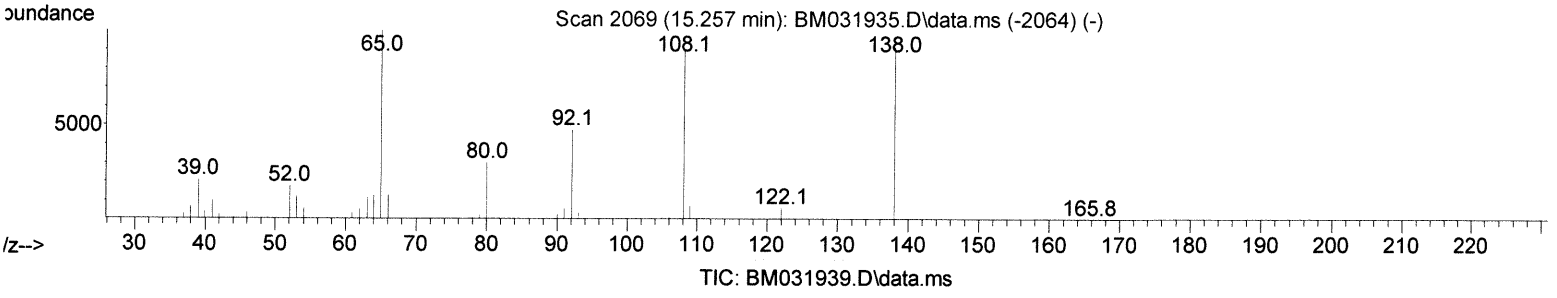

TIC: BM031939.D\data.ms

(63) 4-Nitroaniline

15.251min (-0.006) 15.79 ng/ul m

response 54878

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	52.16
108.00	76.80	100.97#
0.00	0.00	0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031939.D
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Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
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Instrument :
BNA_M
ClientSampleId :
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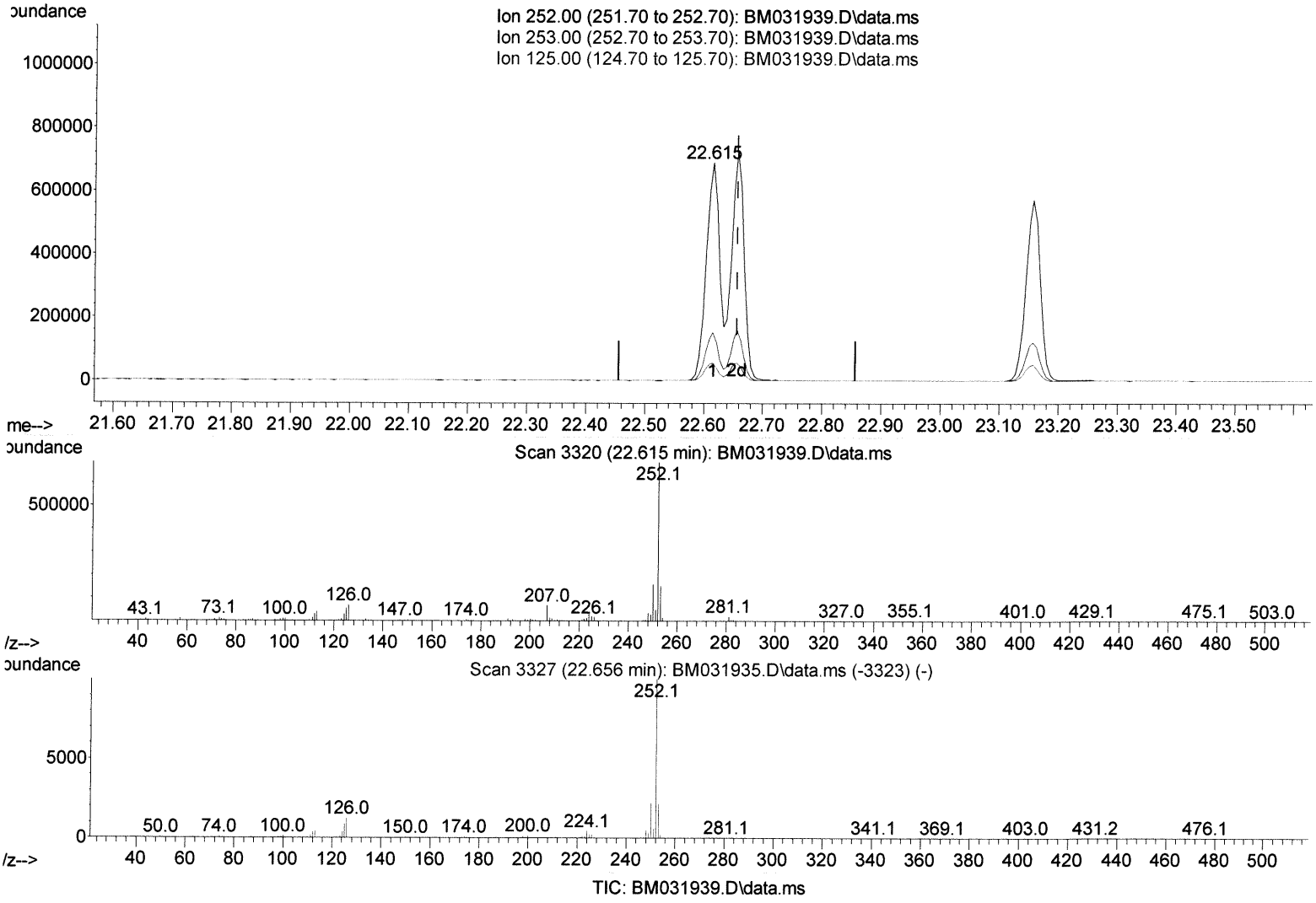
Manual Integrations APPROVED
mohammad
8/30/2021 10:35:23 AM



(91) Benzo(k)fluoranthene

22.615min (-0.041) 22.24 ng/ul

response 1068514

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.01
125.00	9.90	7.95
0.00	0.00	0.00

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Misc :
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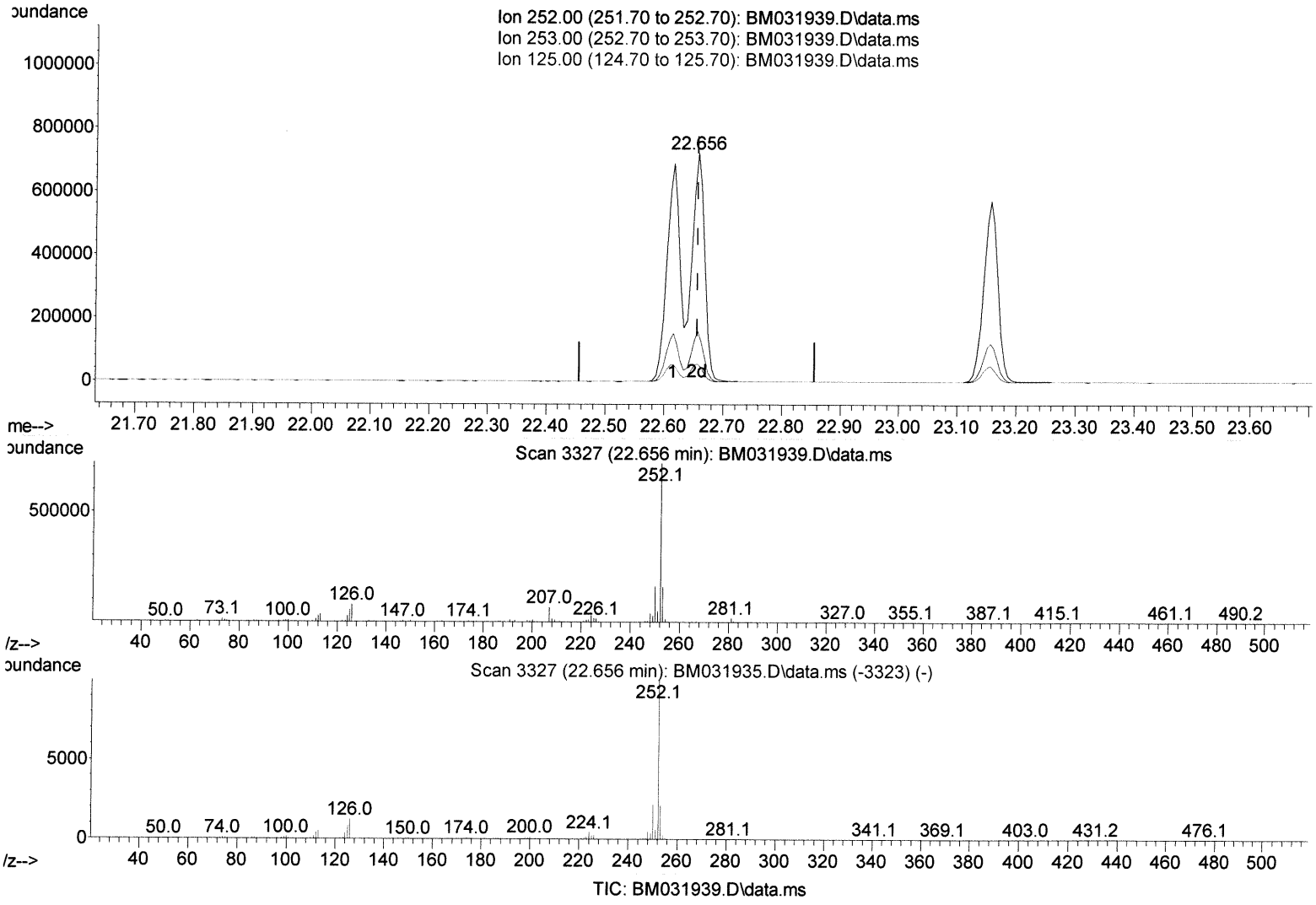
8/30/2021 10:35:23 AM



(91) Benzo(k)fluoranthene

22.656min (+ 0.000) 22.50 ng/ul m JU 8/31/21

response 1081092

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.10
125.00	9.90	7.61#
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	81542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	367379	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	282809	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	639501	20.000	ng/ul	0.00
79) Chrysene-d12	21.109	240	727543	20.000	ng/ul	0.00
88) Perylene-d12	23.250	264	778849	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	15694	8.880	ng/uL	0.00
4) Pyridine-d5	3.522	84	103062	20.536	ng/ul	0.00
7) Phenol-d5	6.704	99	136350	20.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	80856	20.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	115310	22.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	120331	20.742	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	60040	22.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	71589	22.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	139495	22.017	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	195371	21.860	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	470938	22.007	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	565351	22.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	82482	21.294	ng/ul	0.00
60) Fluorene-d10	15.151	176	408951	21.740	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	91634	20.854	ng/ul	0.00
73) Anthracene-d10	17.004	188	666504	21.958	ng/ul	0.00
81) Pyrene-d10	19.309	212	758980	22.272	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	902219	22.041	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	14979	7.030	ng/uL	89
5) Pyridine	3.540	79	107760	20.886	ng/ul	94
6) Benzaldehyde	6.681	77	38586m	12.605	ng/ul	
8) Phenol	6.728	94	141114	20.739	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	109631	21.155	ng/ul	91
12) 2-Chlorophenol	7.081	128	114974	22.128	ng/ul	95
13) 2-Methylphenol	7.957	108	108130	20.611	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.040	45	142630	21.178	ng/ul#	92
16) Acetophenone	8.334	105	191794	21.109	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.316	70	100104	22.583	ng/ul	93
18) 4-Methylphenol	8.287	108	119677	20.543	ng/ul	96
19) Hexachloroethane	8.557	117	48058	21.591	ng/ul	89
22) Nitrobenzene	8.704	77	143980	21.373	ng/ul	99
23) Isophorone	9.222	82	274130	22.110	ng/ul#	95
25) 2-Nitrophenol	9.404	139	74470	22.638	ng/ul	96
26) 2,4-Dimethylphenol	9.469	107	145563	21.738	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.710	93	159932	21.761	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	131846	21.878	ng/ul	96
30) Naphthalene	10.316	128	400553	21.779	ng/ul	99
32) 4-Chloroaniline	10.445	127	194072	21.768	ng/ul	100
33) Hexachlorobutadiene	10.592	225	87479	21.881	ng/ul	97
34) Caprolactam	11.239	113	43244m	21.527	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	141665	22.416	ng/ul	99

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mohammad
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	318025	21.931 ng/ul	100
37) 1-Methylnaphthalene	12.157	142	321745	21.784 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	177767	21.898 ng/ul	98
40) Hexachlorocyclopentadiene	12.281	237	84494	19.337 ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	120482	22.154 ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	131792	22.315 ng/ul	99
43) 1,1'-Biphenyl	12.975	154	436248	21.930 ng/ul#	98
44) 2-Chloronaphthalene	13.010	162	345216	21.904 ng/ul	99
45) 2-Nitroaniline	13.239	65	95756	22.053 ng/ul	96
47) Dimethylphthalate	13.622	163	465341	22.146 ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	94270	22.741 ng/ul	96
50) Acenaphthylene	13.869	152	511429	21.932 ng/ul	99
51) 3-Nitroaniline	14.080	138	66411	17.119 ng/ul	99
52) Acenaphthene	14.216	153	371595	21.941 ng/ul	99
53) 2,4-Dinitrophenol	14.298	184	57123	19.709 ng/ul	93
55) 4-Nitrophenol	14.404	109	73936	20.676 ng/ul	89
56) Dibenzofuran	14.551	168	541902	21.696 ng/ul	98
57) 2,4-Dinitrotoluene	14.545	165	140548	22.606 ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.786	232	121513	22.919 ng/ul	98
59) Diethylphthalate	14.998	149	481843	22.437 ng/ul	99
61) Fluorene	15.210	166	467404	22.117 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	235938	21.799 ng/ul	99
63) 4-Nitroaniline	15.251	138	54878m	15.793 ng/ul	JU 8/31/21
66) 4,6-Dinitro-2-methylph...	15.310	198	87097	20.385 ng/ul	97
67) N-Nitrosodiphenylamine	15.427	169	401691	21.873 ng/ul	97
68) 4-Bromophenyl-phenylether	16.104	248	144321	22.022 ng/ul	94
69) Hexachlorobenzene	16.210	284	165161	21.707 ng/ul	99
70) Atrazine	16.398	200	149314	21.579 ng/ul	97
71) Pentachlorophenol	16.563	266	101281	20.355 ng/ul	98
72) Phenanthrene	16.945	178	761353	21.798 ng/ul	98
74) Anthracene	17.039	178	782837	21.900 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.933	216	180924	21.741 ng/uL	97
76) Pentachlorobenzene	14.469	250	187962	21.530 ng/uL	98
77) Carbazole	17.321	167	689531	21.077 ng/ul	100
78) Di-n-butylphthalate	17.892	149	850905	22.698 ng/ul	99
80) Fluoranthene	18.974	202	926967	22.386 ng/ul	95
82) Pyrene	19.339	202	982495	22.410 ng/ul#	94
83) Butylbenzylphthalate	20.262	149	394428	22.913 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.039	252	331571	20.244 ng/ul	97
85) Benzo(a)anthracene	21.098	228	1006321	22.236 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.045	149	635147	22.878 ng/ul#	96
87) Chrysene	21.145	228	962903	22.121 ng/ul	99
89) Di-n-octyl phthalate	21.898	149	1108154	20.855 ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	1068514	21.533 ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	1081092m	22.504 ng/ul	JU 8/31/21
93) Benzo(a)pyrene	23.156	252	973975	21.736 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.356	276	1238459	21.595 ng/ul	95
95) Dibenzo(a,h)anthracene	25.362	278	1047435	21.716 ng/ul	97
96) Benzo(g,h,i)perylene	25.997	276	1014583	21.364 ng/ul	96

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