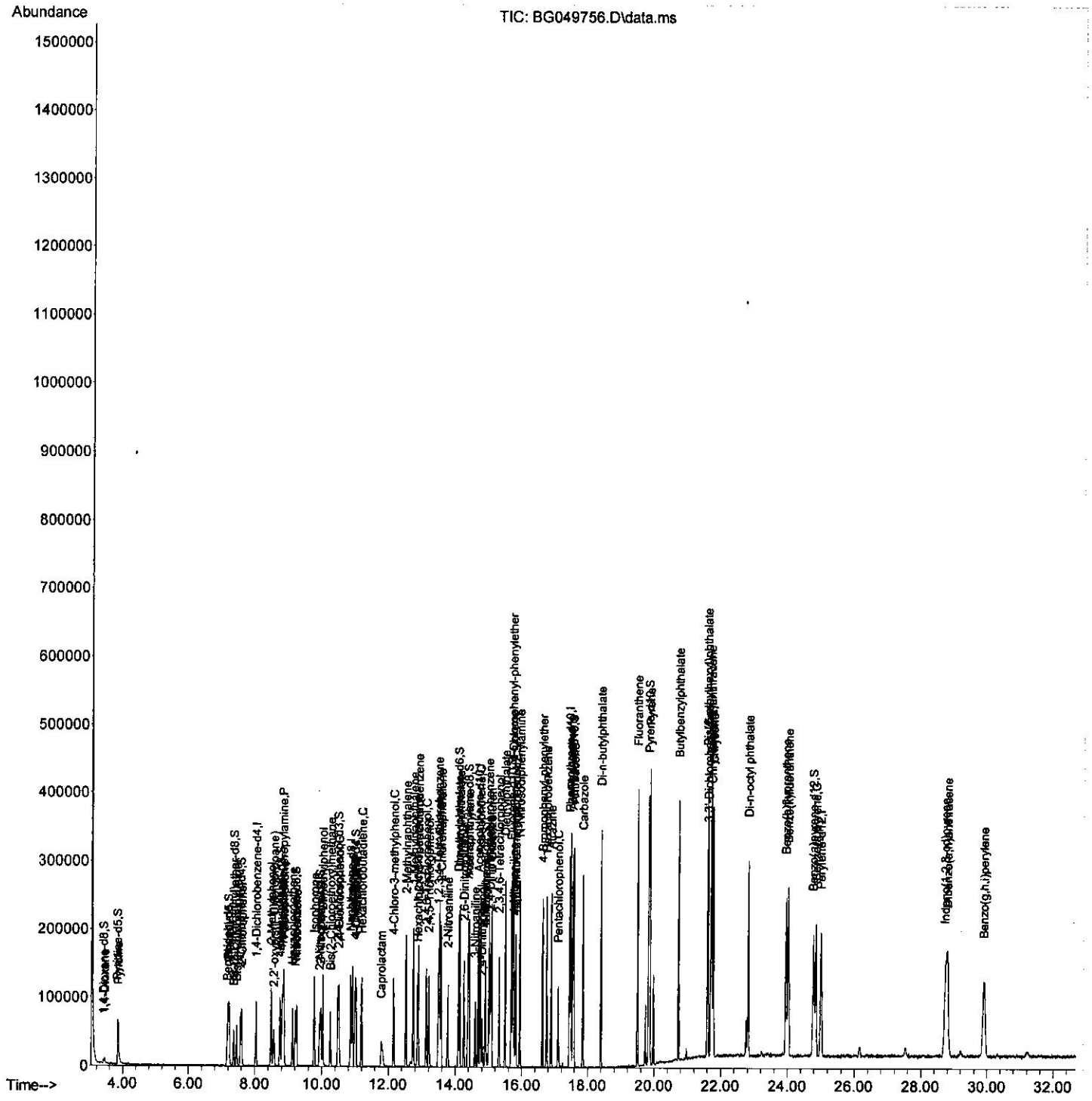
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049756.D
Acq On : 10 Aug 2021 14:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 16:56:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
8/11/2021 9:31:52 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049756.D
Acq On : 10 Aug 2021 14:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Aug 12 01:17:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
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LabSampleId :
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Manual Integrations APPROVED
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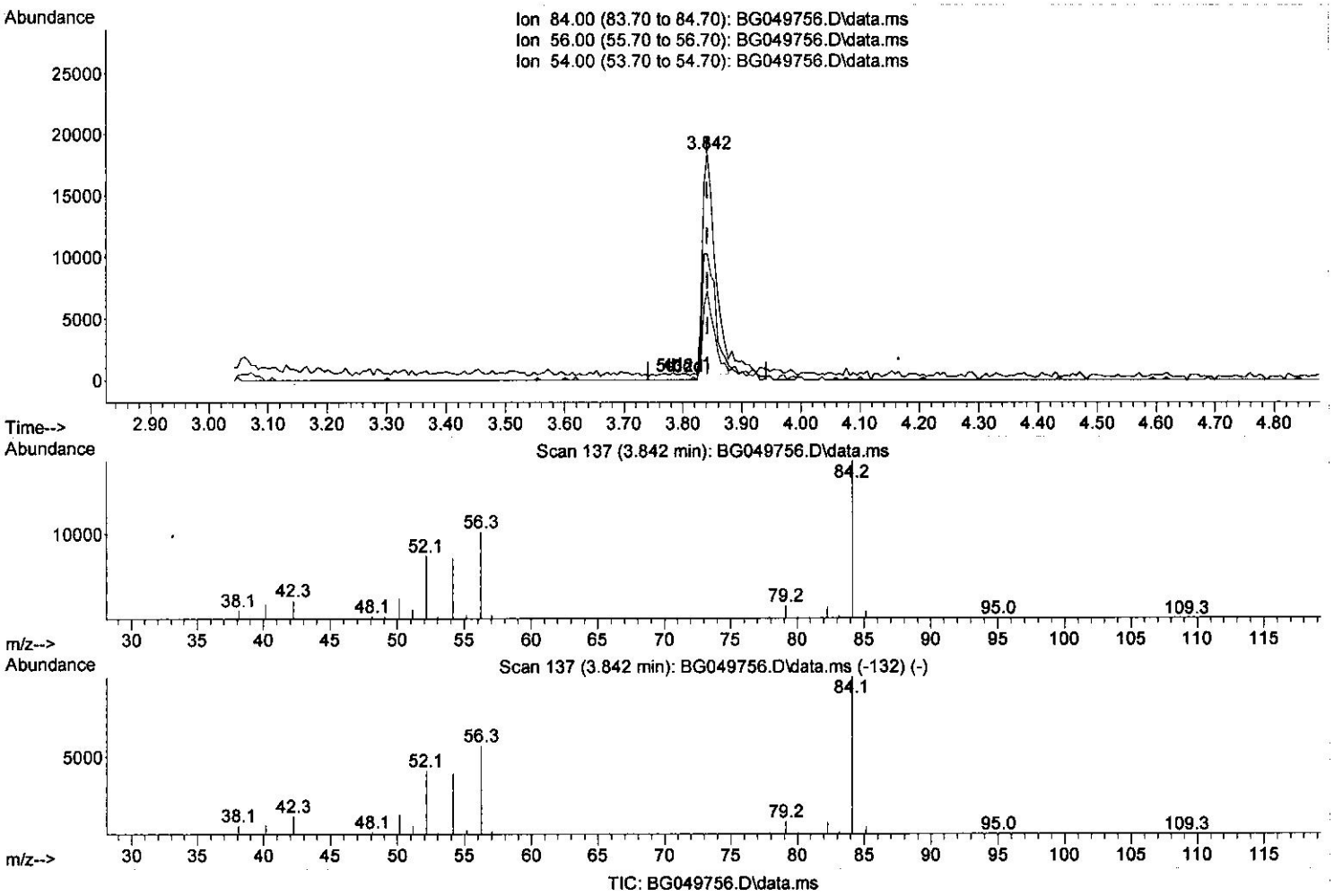

TIC: BG049756.D\data.ms

(4) Pyridine-d5 (S)

3.842min (0.000) 17.38 ng/ul

response 26851

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	55.51
54.00	36.30	38.96
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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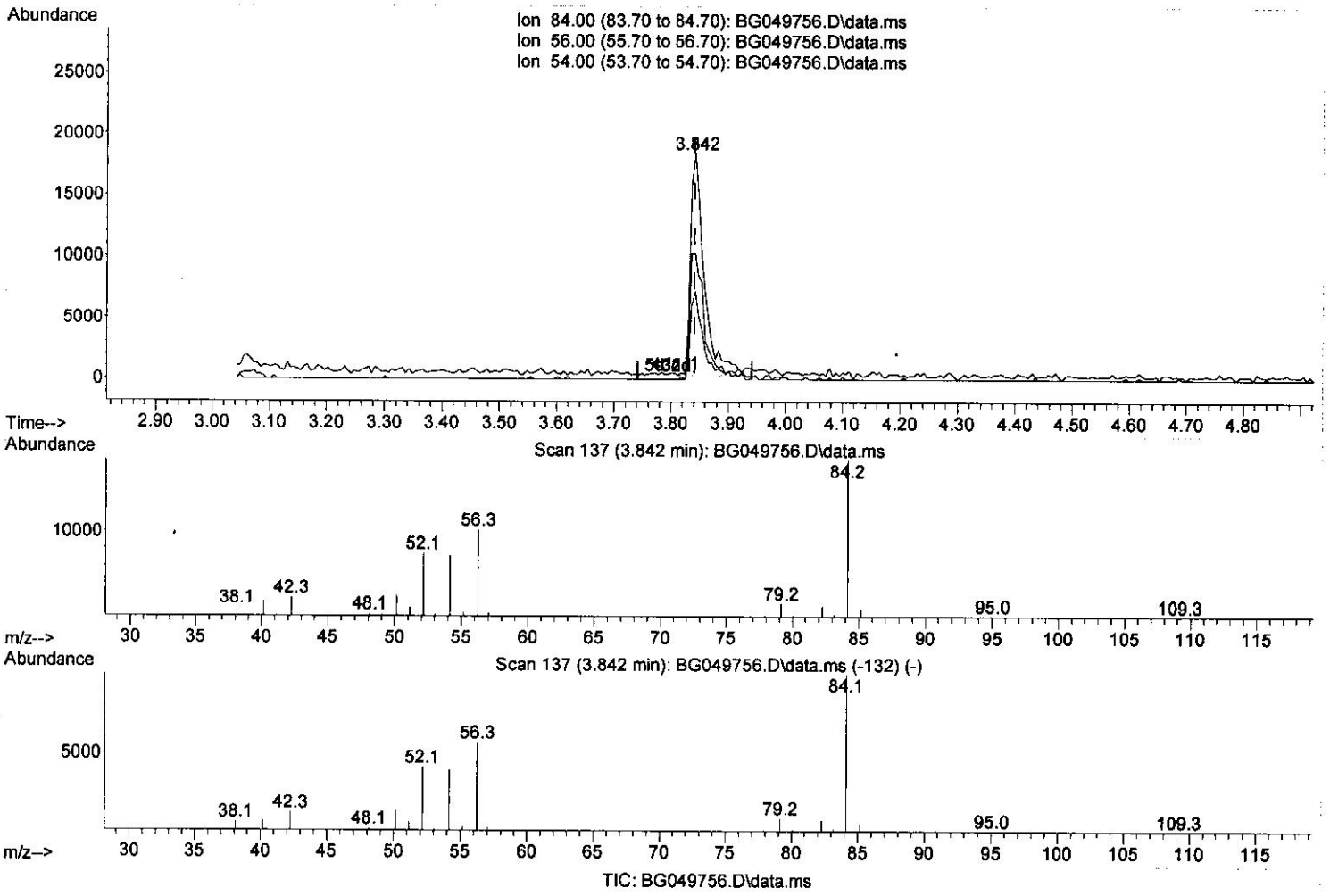

TIC: BG049756.D\data.ms

(4) Pyridine-d5 (S)

3.842min (0.000) 19.77 ng/ul m } 8/12/21 JV

response 30539

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	55.51
54.00	36.30	38.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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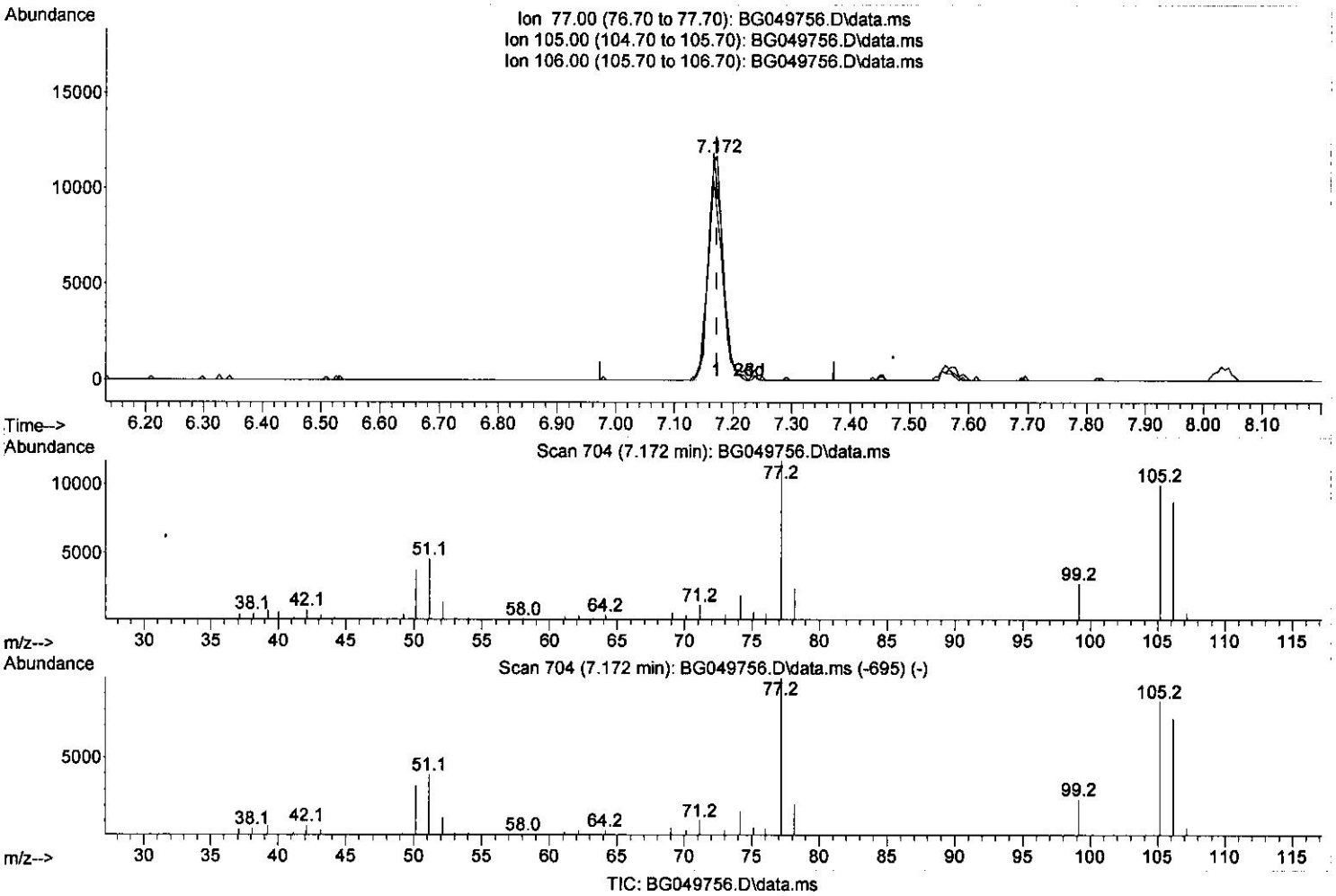

TIC: BG049756.D\data.ms

(6) Benzaldehyde

7.172min (0.000) 17.72 ng/ul

response 20628

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	85.20
106.00	101.20	74.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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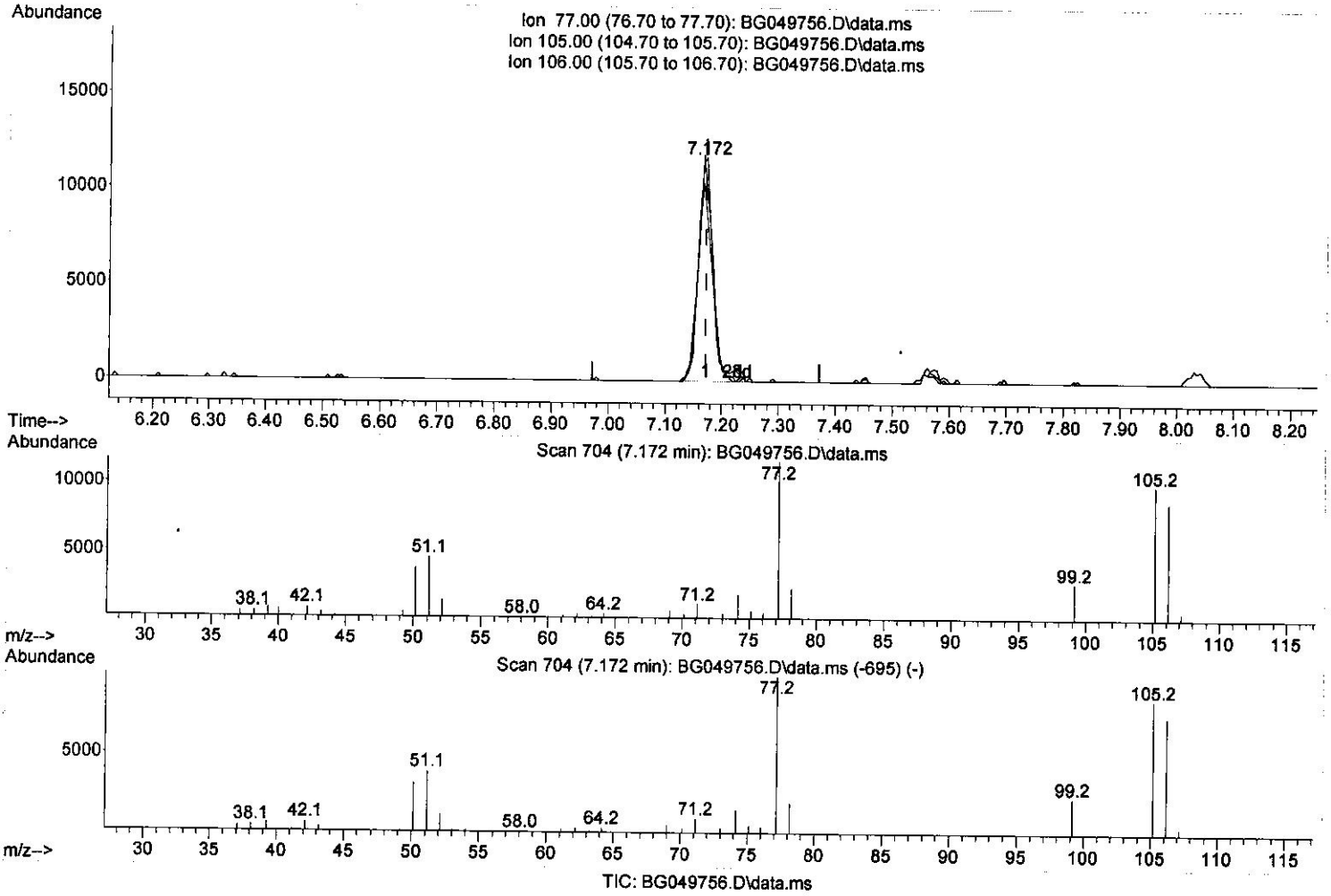

TIC: BG049756.D\data.ms

(6) Benzaldehyde

7.172min (0.000) 18.58 ng/ul m 8/12/21 JV

response 21627

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	85.20
106.00	101.20	74.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
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QLast Update : Tue Aug 10 16:55:58 2021
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Instrument :
BNA_G
LabSampleId :
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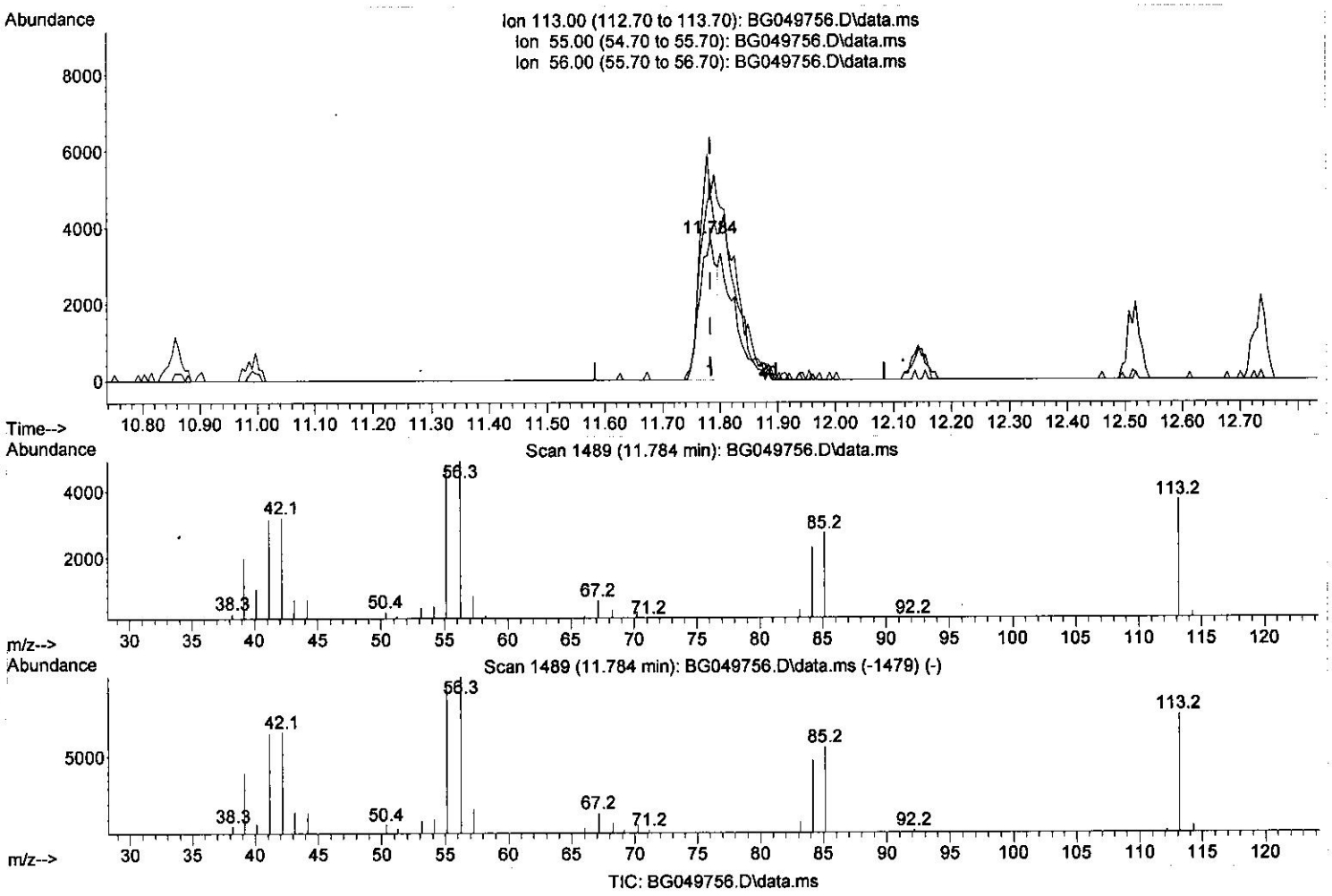
Manual Integrations APPROVED
mohammad
8/11/2021 9:31:52 PM



TIC: BG049756.D\data.ms

(34) Caprolactam

11.784min (0.000) 13.36 ng/ul

response 7541

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	128.62#
56.00	125.20	132.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG049756.D
Acq On : 10 Aug 2021 14:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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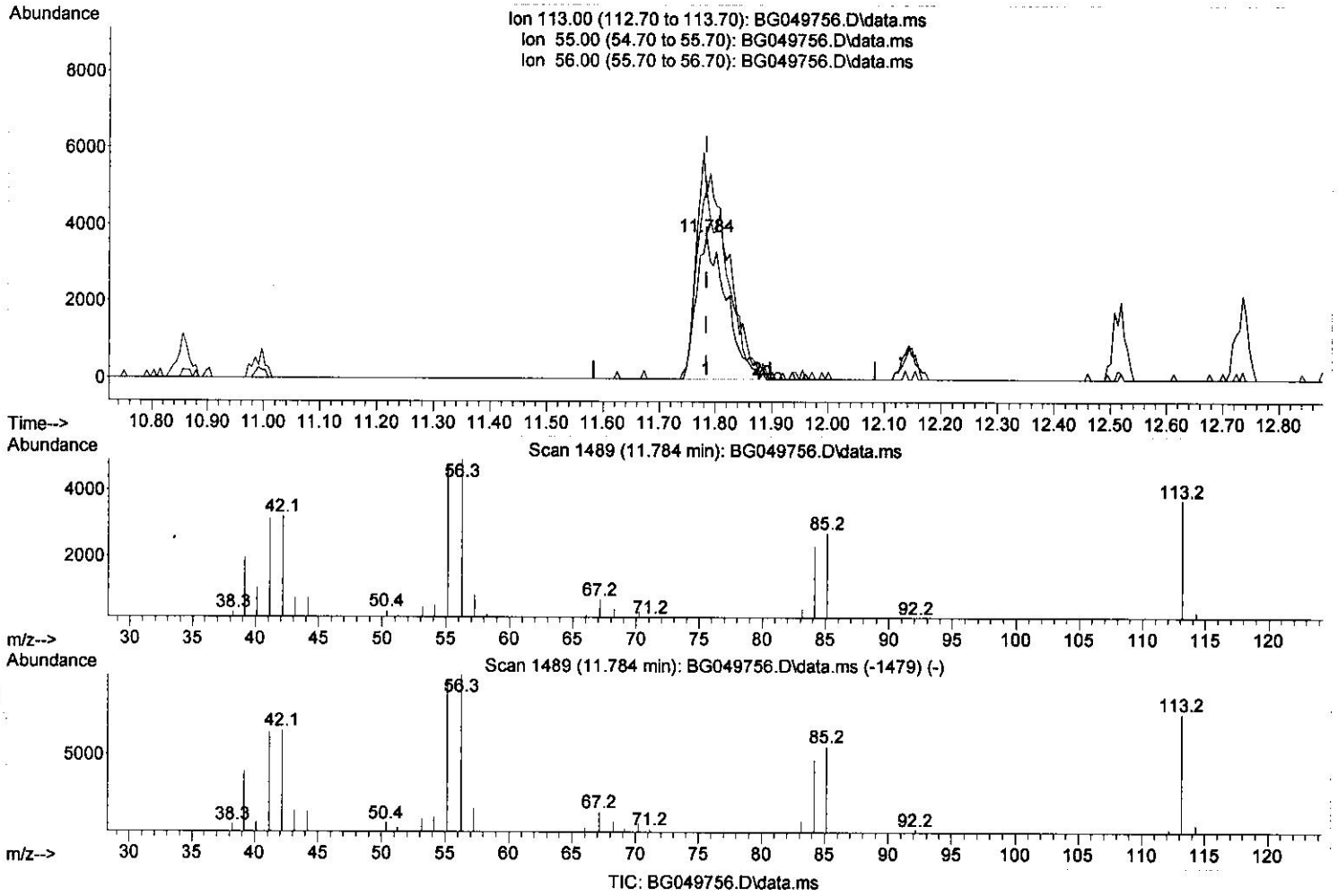

TIC: BG049756.D\data.ms

(34) Caprolactam

11.784min (0.000) 24.17 ng/ul m 8/12/21 DE

response 13638

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	128.62#
56.00	125.20	132.19
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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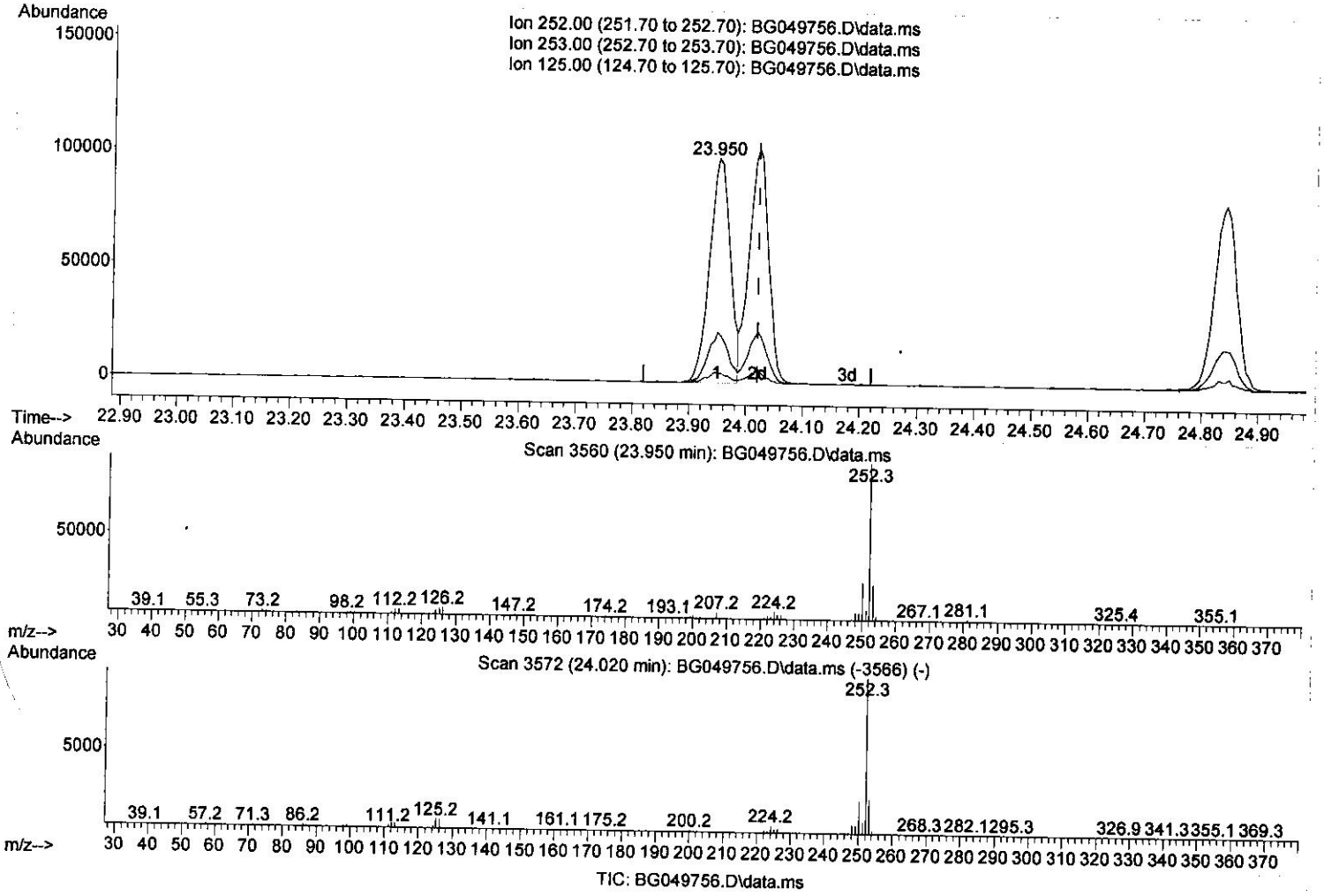

TIC: BG049756.D\data.ms

(91) Benzo(k)fluoranthene

23.950min (-0.070) 21.01 ng/ul

response 251169

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.81
125.00	4.80	4.31
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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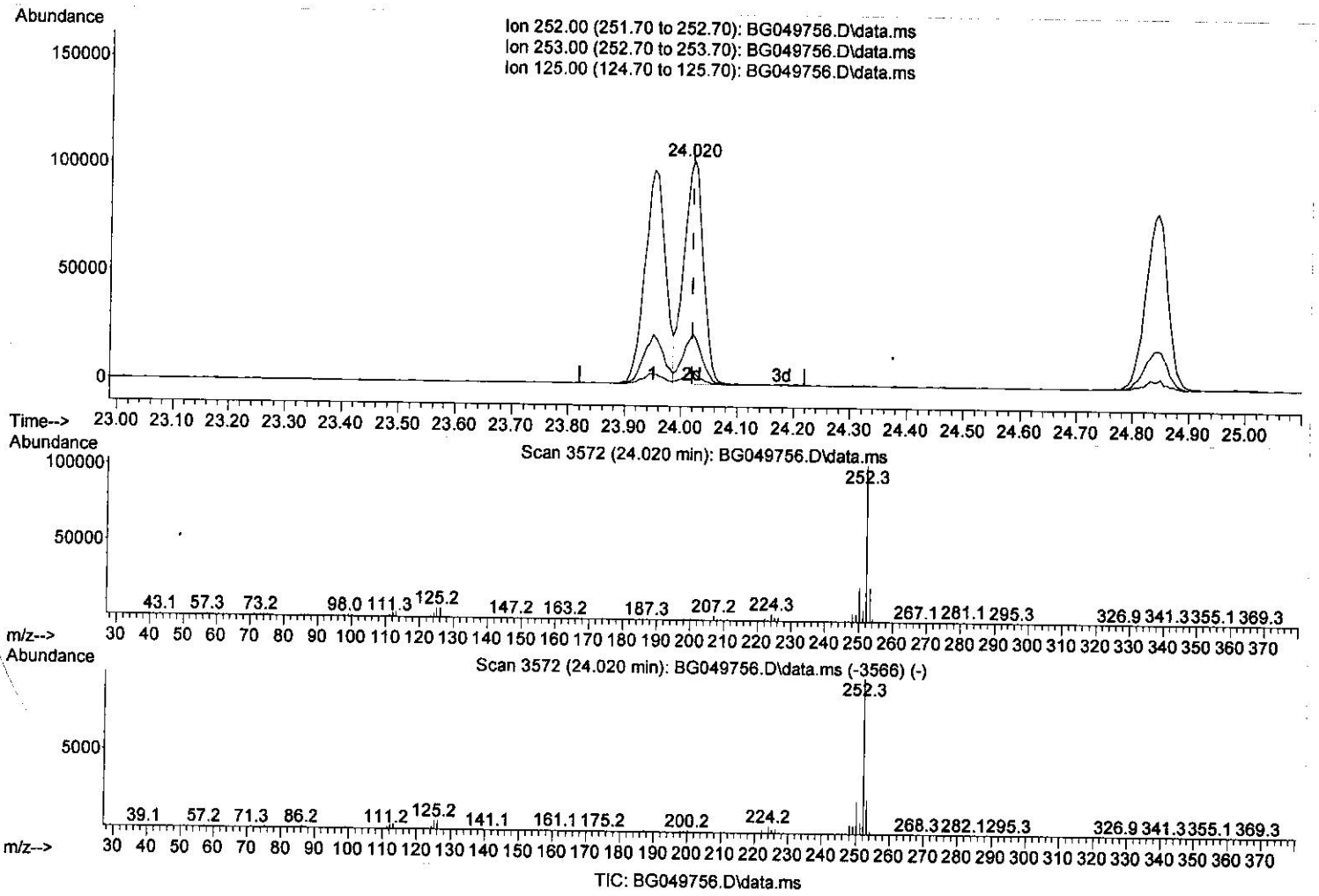

TIC: BG049756.D\data.ms

(91) Benzo(k)fluoranthene

24.020min (0.000) 20.41 ng/ul m 8/12/21 JV

response 244028

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.09
125.00	4.80	6.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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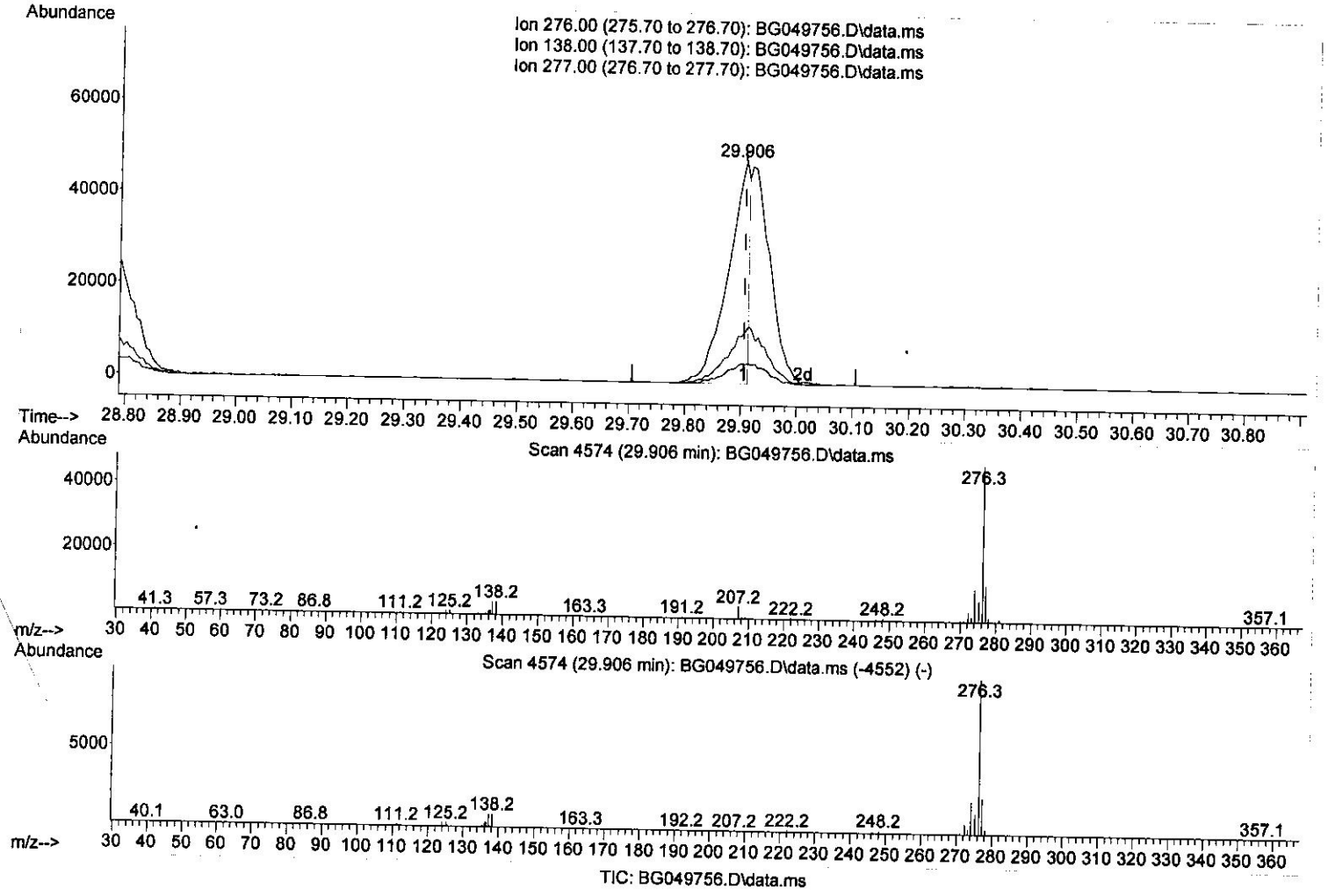

(96) Benzo(g,h,i)perylene

29.906min (0.000) 11.07 ng/ul

response 128068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.71
277.00	24.40	23.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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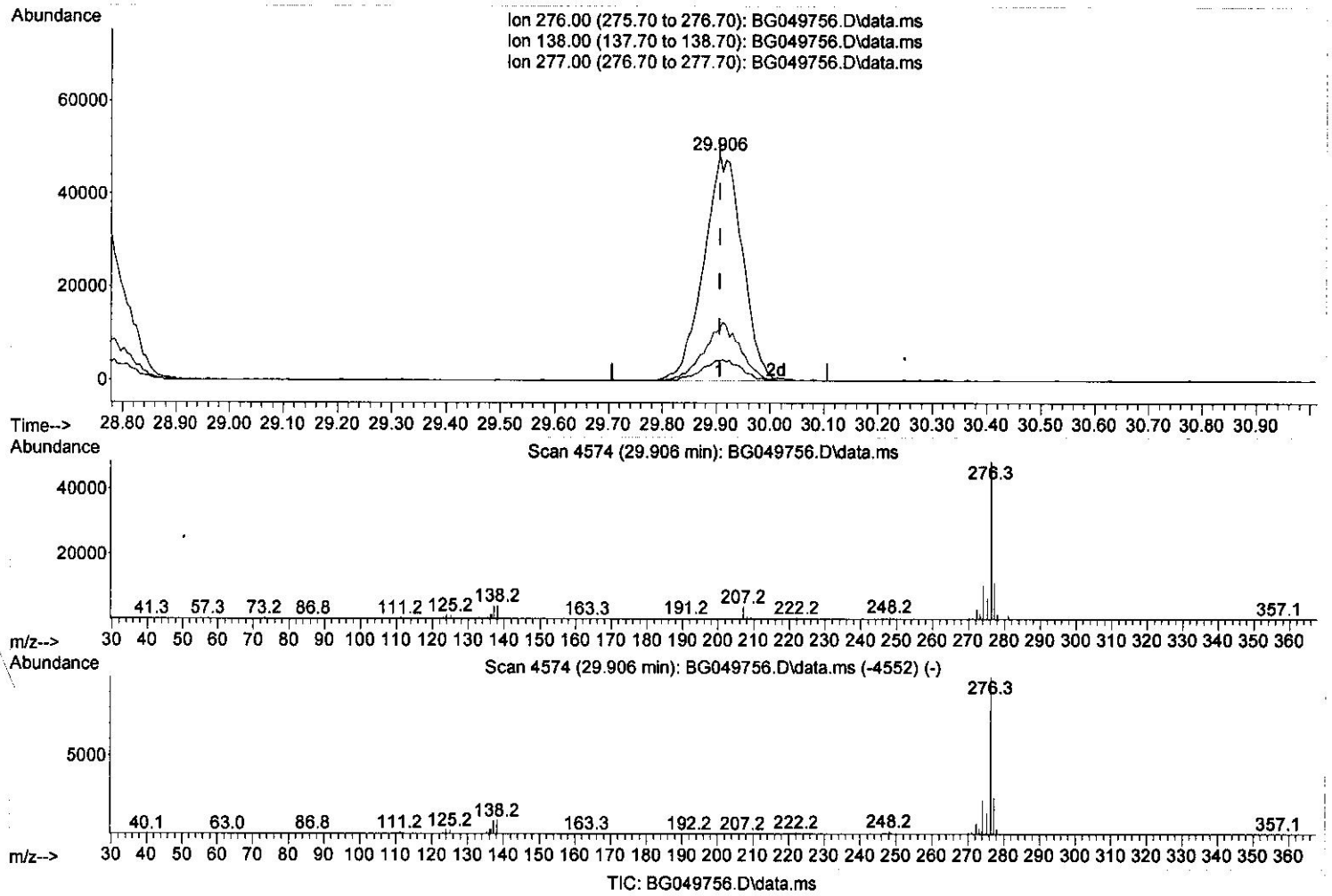

TIC: BG049756.D\data.ms

(96) Benzo(g,h,i)perylene

29.906min (0.000) 20.72 ng/ul m 8/11/2021 J.V

response 239621

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.71
277.00	24.40	23.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	24070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	110016	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	81694	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	192121	20.000	ng/ul	0.00
79) Chrysene-d12	21.723	240	180883	20.000	ng/ul	0.00
88) Perylene-d12	24.995	264	184197	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	3842	7.463	ng/uL	0.00
4) Pyridine-d5	3.842	84	30539m	19.768	ng/ul	0.00
7) Phenol-d5	7.196	99	43771	20.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	24758	19.731	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	33333	21.320	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	35022	21.027	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	17765	20.499	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	20923	21.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	37929	20.325	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	52524	20.559	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	135177	21.085	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	147394	19.325	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	19622	18.930	ng/ul	0.00
60) Fluorene-d10	15.684	176	114445	20.768	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	25991	20.100	ng/ul	0.00
73) Anthracene-d10	17.541	188	175907	19.397	ng/ul	0.00
81) Pyrene-d10	19.826	212	207791	20.849	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.766	264	205791	20.390	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	4424	7.091	ng/uL#	68
5) Pyridine	3.865	79	30025	17.529	ng/ul	96
6) Benzaldehyde	7.172	77	21627m	18.576	ng/ul	
8) Phenol	7.225	94	45599	21.069	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.449	93	31341	20.873	ng/ul	97
12) 2-Chlorophenol	7.601	128	32987	21.097	ng/ul#	91
13) 2-Methylphenol	8.482	108	35348	20.859	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.559	45	36123	21.051	ng/ul#	85
16) Acetophenone	8.864	105	59569	21.549	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.841	70	31162	20.968	ng/ul	95
18) 4-Methylphenol	8.811	108	38118	21.531	ng/ul	97
19) Hexachloroethane	9.123	117	15330	22.108	ng/ul	92
22) Nitrobenzene	9.246	77	53227	20.711	ng/ul	98
23) Isophorone	9.769	82	95433	21.960	ng/ul#	96
25) 2-Nitrophenol	9.963	139	20743	20.462	ng/ul#	90
26) 2,4-Dimethylphenol	10.022	107	46876	20.037	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.257	93	45914	20.853	ng/ul#	93
29) 2,4-Dichlorophenol	10.509	162	36383	20.612	ng/ul	94
30) Naphthalene	10.909	128	121992	21.233	ng/ul	98
32) 4-Chloroaniline	11.014	127	51094	20.900	ng/ul	91
33) Hexachlorobutadiene	11.191	225	28662	19.769	ng/ul#	84
34) Caprolactam	11.784	113	13638m	24.167	ng/ul	
35) 4-Chloro-3-methylphenol	12.142	107	45566	22.275	ng/ul	93

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Response via : Initial Calibration

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LabSampleId : SSTDCCC020

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.518	142	89639	20.376	ng/ul	100
37) 1-Methylnaphthalene	12.736	142	87862	20.525	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.882	216	50644	19.961	ng/ul#	90
40) Hexachlorocyclopentadiene	12.859	237	27645	18.474	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.123	196	33440	20.596	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.200	196	35774	20.535	ng/ul	91
43) 1,1'-Biphenyl	13.517	154	119652	19.661	ng/ul	98
44) 2-Chloronaphthalene	13.564	162	98522	20.681	ng/ul	94
45) 2-Nitroaniline	13.764	65	34757	20.724	ng/ul	92
47) Dimethylphthalate	14.134	163	139451	21.914	ng/ul	97
48) 2,6-Dinitrotoluene	14.257	165	27829	21.413	ng/ul#	95
50) Acenaphthylene	14.410	152	150871	20.965	ng/ul	99
51) 3-Nitroaniline	14.592	138	22403	19.363	ng/ul#	98
52) Acenaphthene	14.750	153	105923	20.607	ng/ul	94
53) 2,4-Dinitrophenol	14.803	184	15858	22.147	ng/ul	89
55) 4-Nitrophenol	14.909	109	27492	20.281	ng/ul	88
56) Dibenzofuran	15.085	168	145112	20.350	ng/ul	97
57) 2,4-Dinitrotoluene	15.050	165	42633	22.742	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.314	232	32138	22.386	ng/ul#	98
59) Diethylphthalate	15.496	149	139432	21.732	ng/ul	96
61) Fluorene	15.737	166	123340	21.270	ng/ul	87
62) 4-Chlorophenyl-phenyle...	15.726	204	66433	21.043	ng/ul	99
63) 4-Nitroaniline	15.755	138	22074	20.405	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.820	198	26255	21.668	ng/ul#	95
67) N-Nitrosodiphenylamine	15.943	169	107454	20.293	ng/ul	95
68) 4-Bromophenyl-phenylether	16.624	248	45985	20.577	ng/ul	92
69) Hexachlorobenzene	16.748	284	52663	20.817	ng/ul	99
70) Atrazine	16.889	200	49654	21.317	ng/ul	96
71) Pentachlorophenol	17.094	266	21834	18.021	ng/ul	94
72) Phenanthrene	17.482	178	210030	20.655	ng/ul	99
74) Anthracene	17.576	178	211361	20.779	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.487	216	49890	17.679	ng/uL	98
76) Pentachlorobenzene	15.009	250	55505	18.651	ng/uL	98
77) Carbazole	17.846	167	182268	20.052	ng/ul	98
78) Di-n-butylphthalate	18.393	149	239975	21.593	ng/ul	99
80) Fluoranthene	19.491	202	266215	21.644	ng/ul	99
82) Pyrene	19.855	202	263772	21.501	ng/ul	100
83) Butylbenzylphthalate	20.731	149	103223	22.079	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.612	252	88857	20.750	ng/ul	97
85) Benzo(a)anthracene	21.700	228	249262	20.989	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.594	149	141709	20.693	ng/ul	97
87) Chrysene	21.770	228	239929	21.632	ng/ul	97
89) Di-n-octyl phthalate	22.816	149	240826	20.961	ng/ul	100
90) Benzo(b)fluoranthene	23.950	252	251169	20.863	ng/ul	98
91) Benzo(k)fluoranthene	24.020	252	244028m	20.414	ng/ul	
93) Benzo(a)pyrene	24.843	252	224331	21.166	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.737	276	290640	20.896	ng/ul	98
95) Dibenzo(a,h)anthracene	28.802	278	240099	20.693	ng/ul	96
96) Benzo(g,h,i)perylene	29.906	276	239621m	20.717	ng/ul	

8/12/21 JV

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