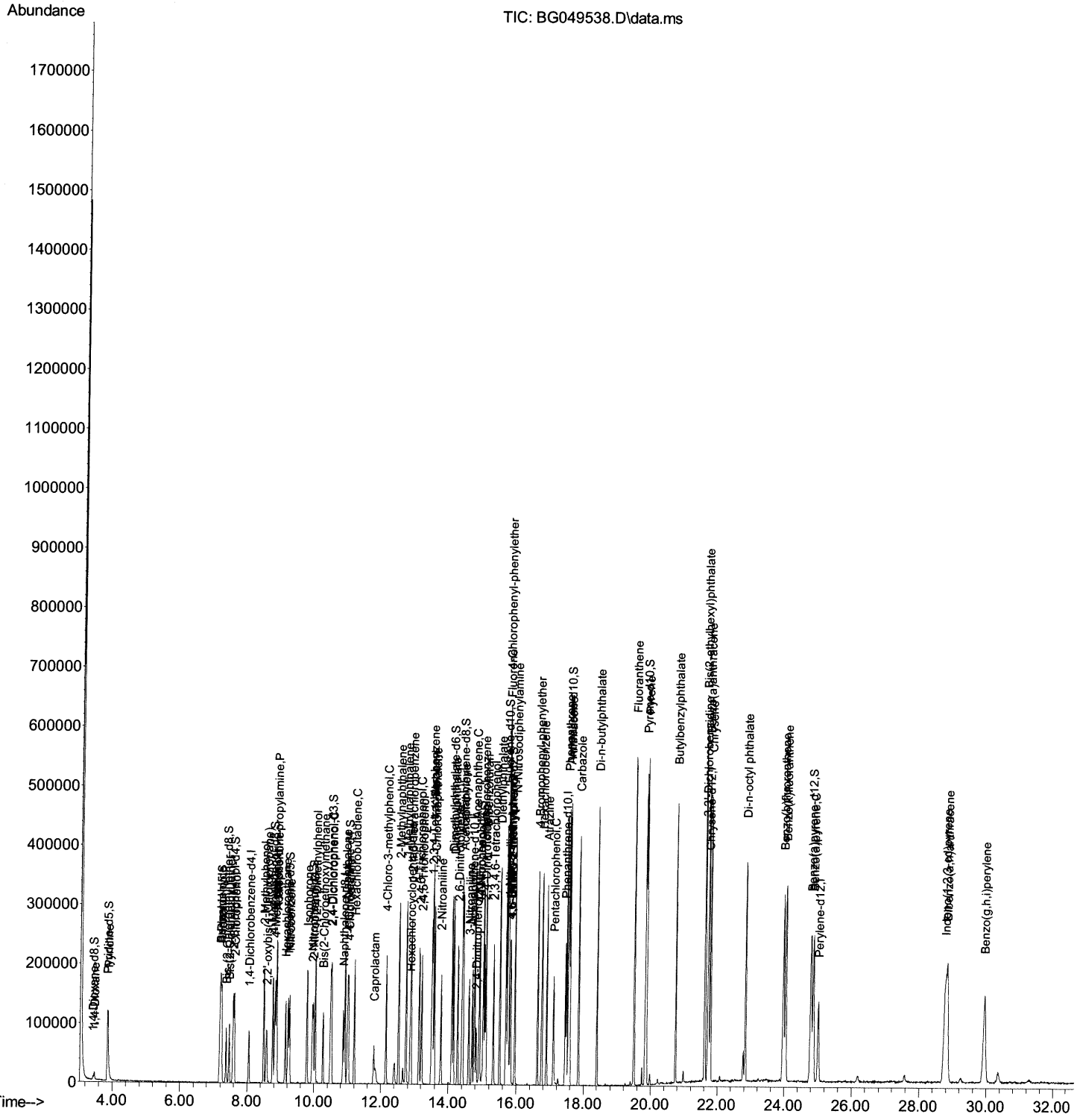
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049538.D
Acq On : 28 Jul 2021 18:28
Operator : CG/JU
Sample : PB138029BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 29 04:41:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 04:40:56 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS029

Manual Integrations APPROVED
mohammad
7/29/2021 1:42:11 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049538.D
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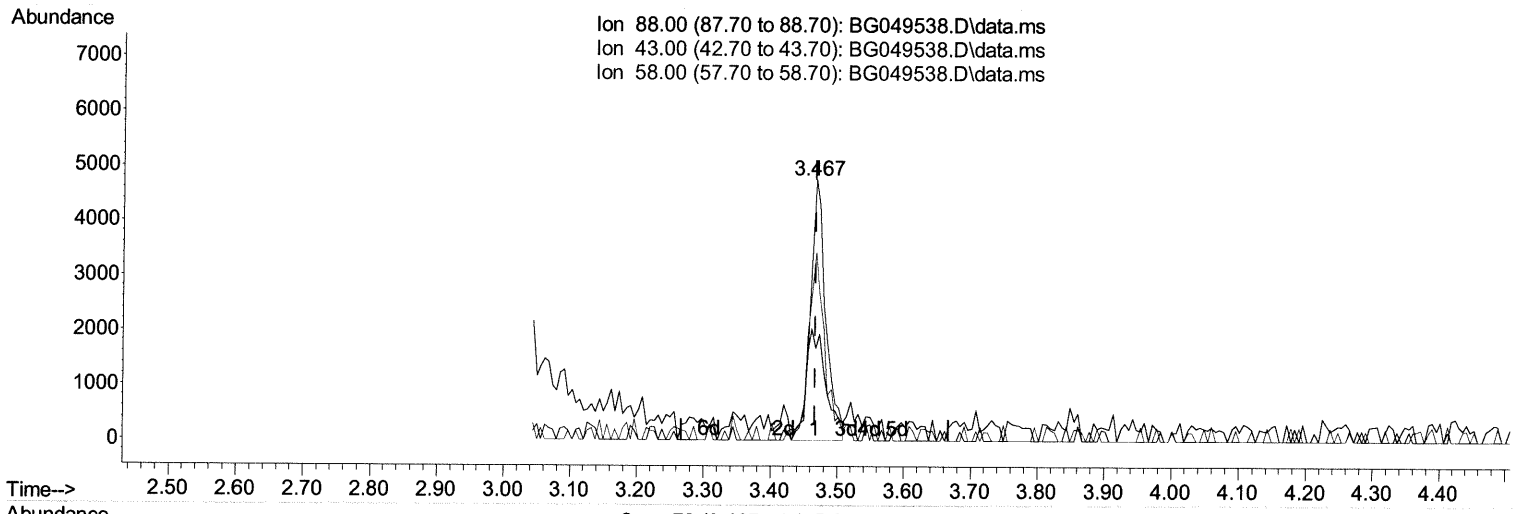

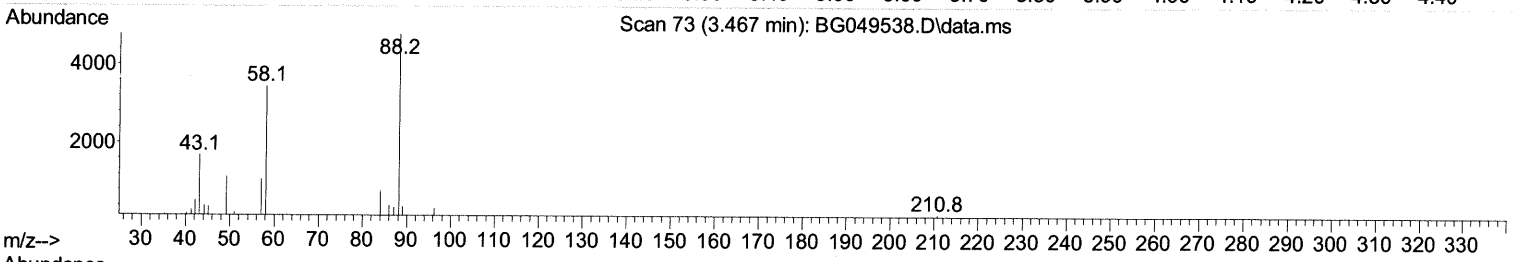

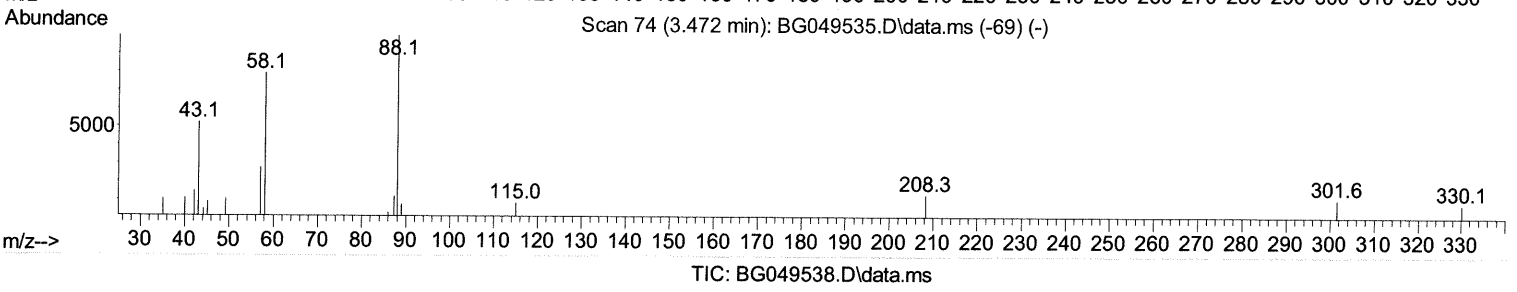

TIC: BG049538.D\data.ms

(2) 1,4-Dioxane

3.467min (+ 0.000) 10.81 ng/uL

response 7622

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.90	35.31
58.00	71.00	72.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
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BNA_G
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Manual Integrations APPROVED
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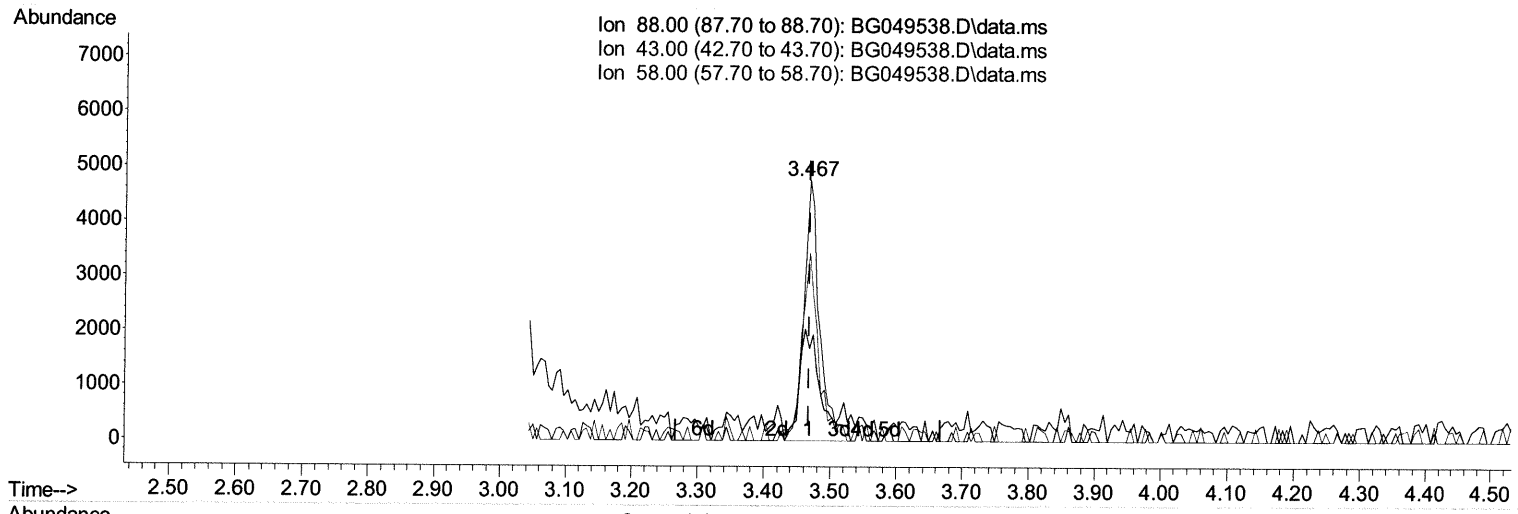

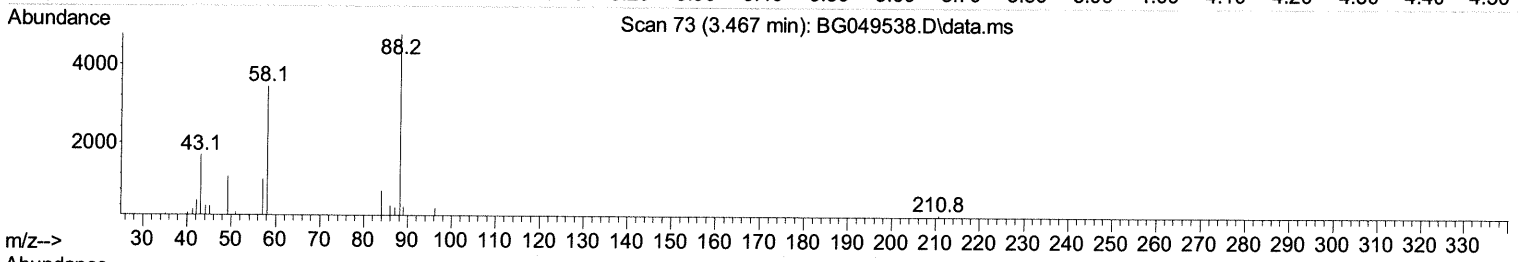

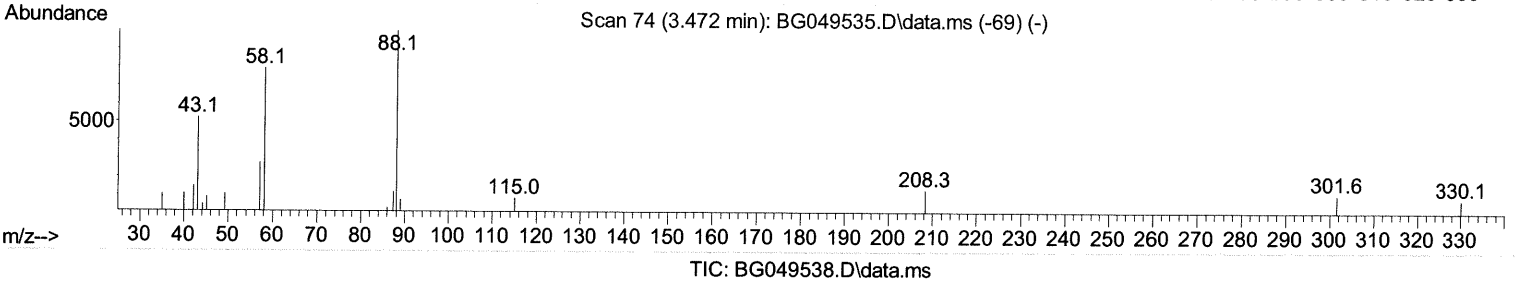

TIC: BG049538.D\data.ms

(2) 1,4-Dioxane

3.467min (+ 0.000) 11.24 ng/uL m 07/30/21 JU

response 7931

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.90	35.31
58.00	71.00	72.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
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Manual Integrations APPROVED
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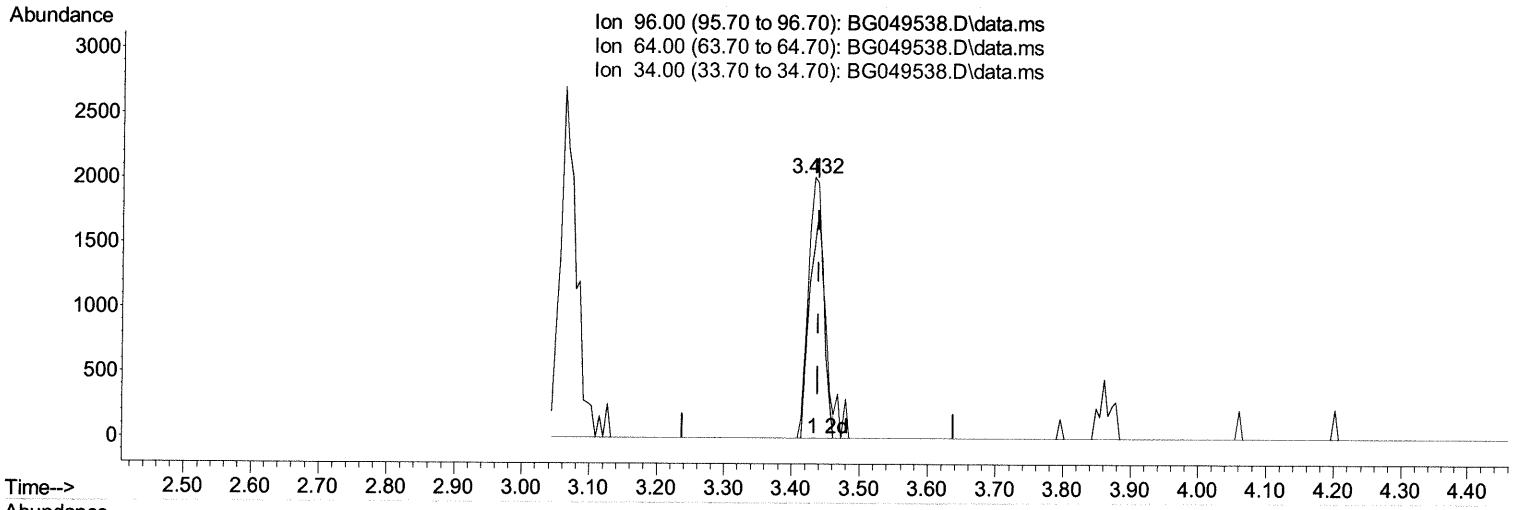

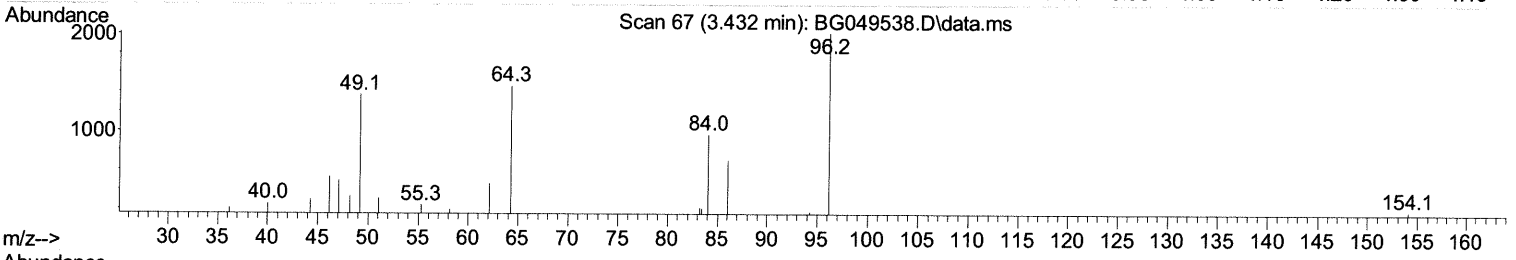

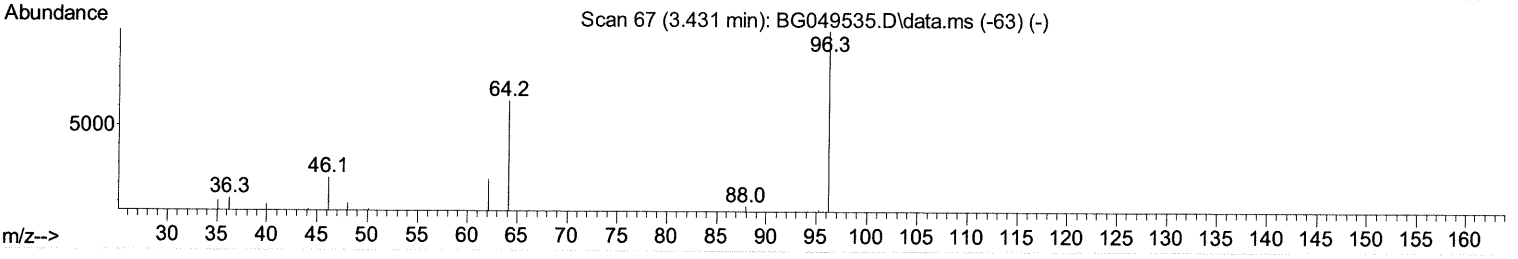

TIC: BG049538.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.432min (-0.006) 6.28 ng/uL

response 3241

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	72.86
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049538.D
Acq On : 28 Jul 2021 18:28
Operator : CG/JU
Sample : PB138029BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 29 04:41:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 04:40:56 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS029

Manual Integrations APPROVED
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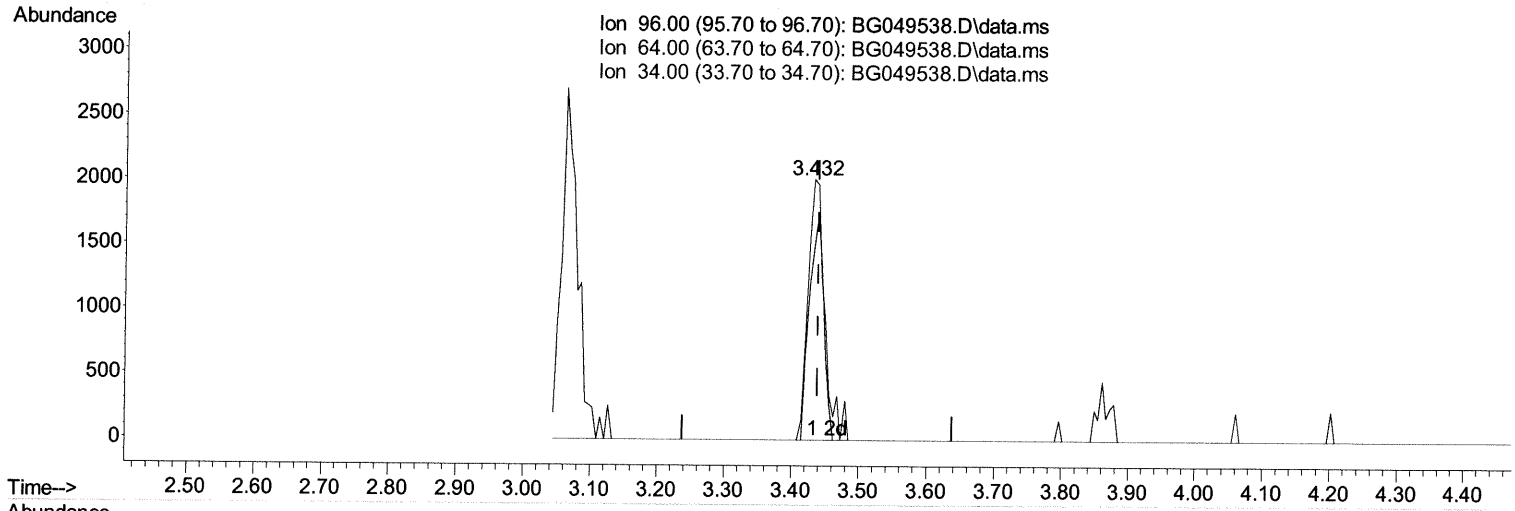

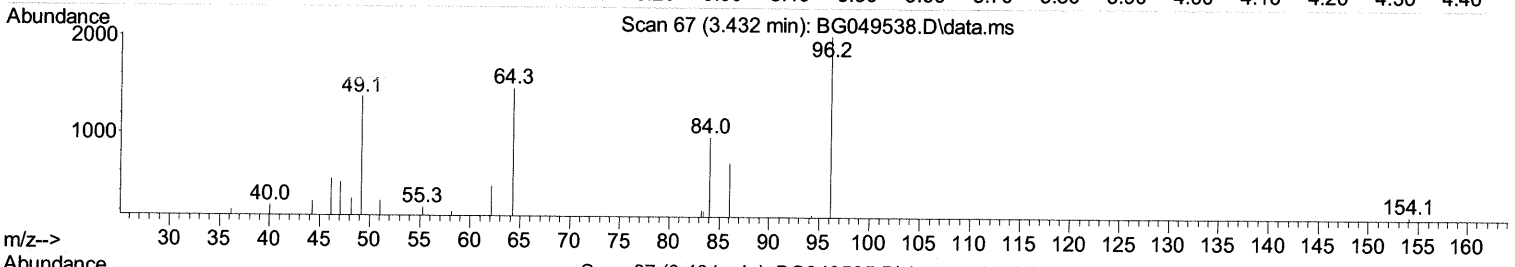

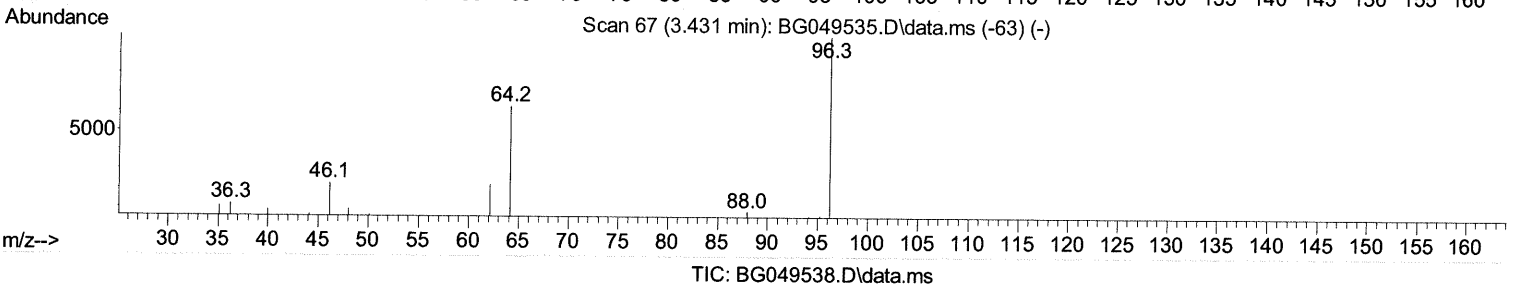

TIC: BG049538.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.432min (-0.006) 6.51 ng/uL m 07/30/21 JU

response 3360

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	72.86
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 28 Jul 2021 18:28
Operator : CG/JU
Sample : PB138029BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 29 04:41:40 2021
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS029

Manual Integrations APPROVED
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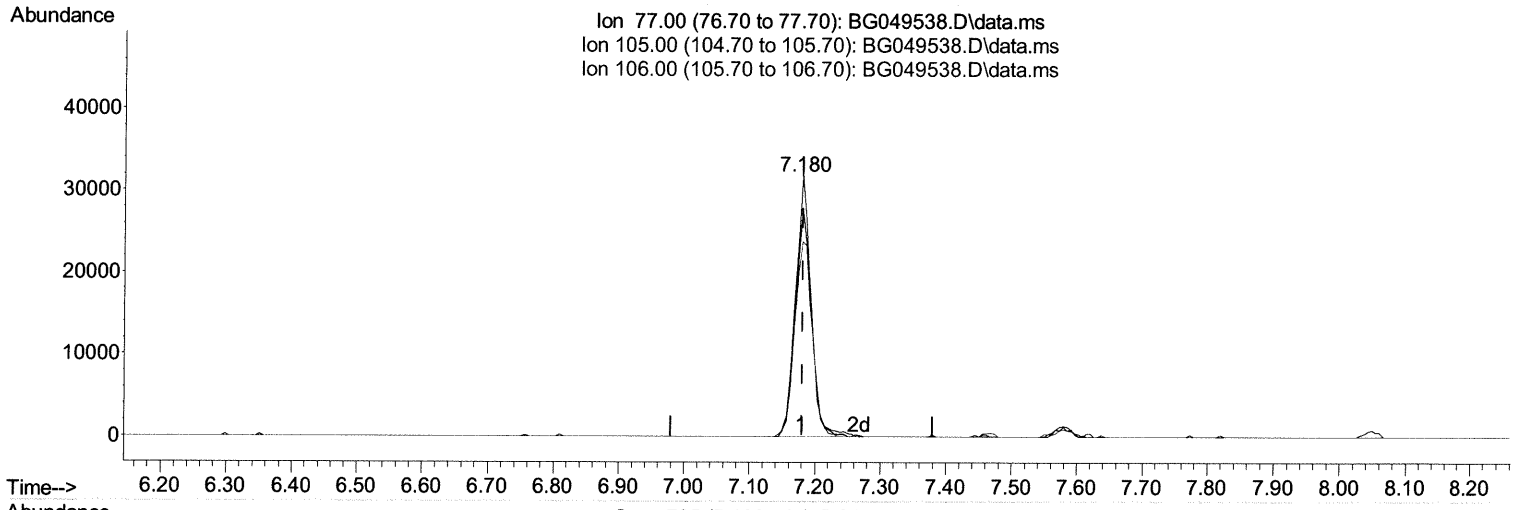

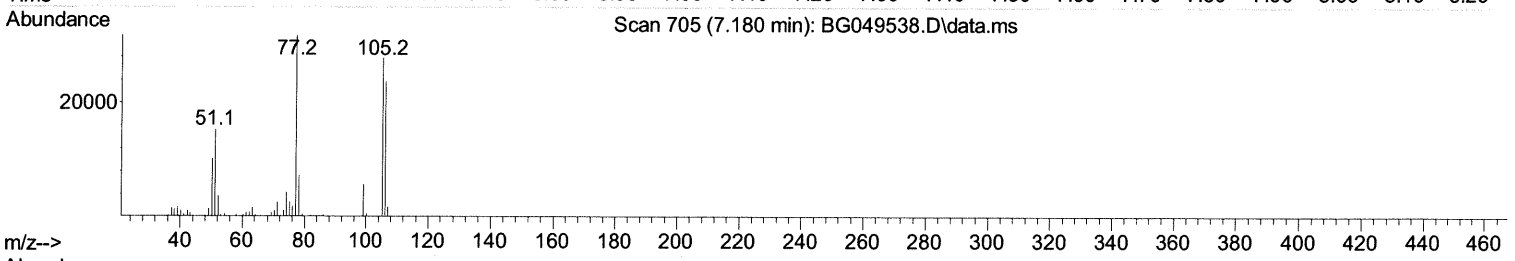

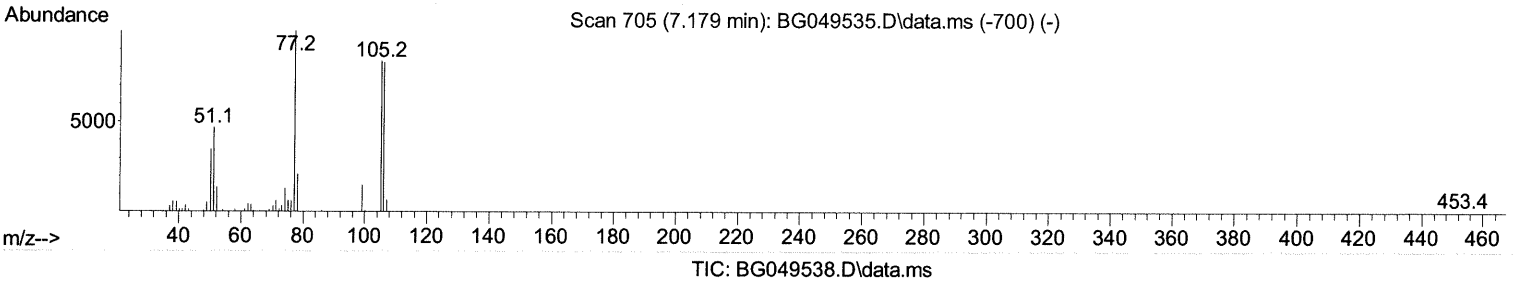

TIC: BG049538.D\data.ms

(6) Benzaldehyde

7.180min (-0.000) 42.52 ng/ul

response 52999

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	87.50	87.62
106.00	87.60	74.69
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Thu Jul 29 04:40:56 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS029

Manual Integrations APPROVED
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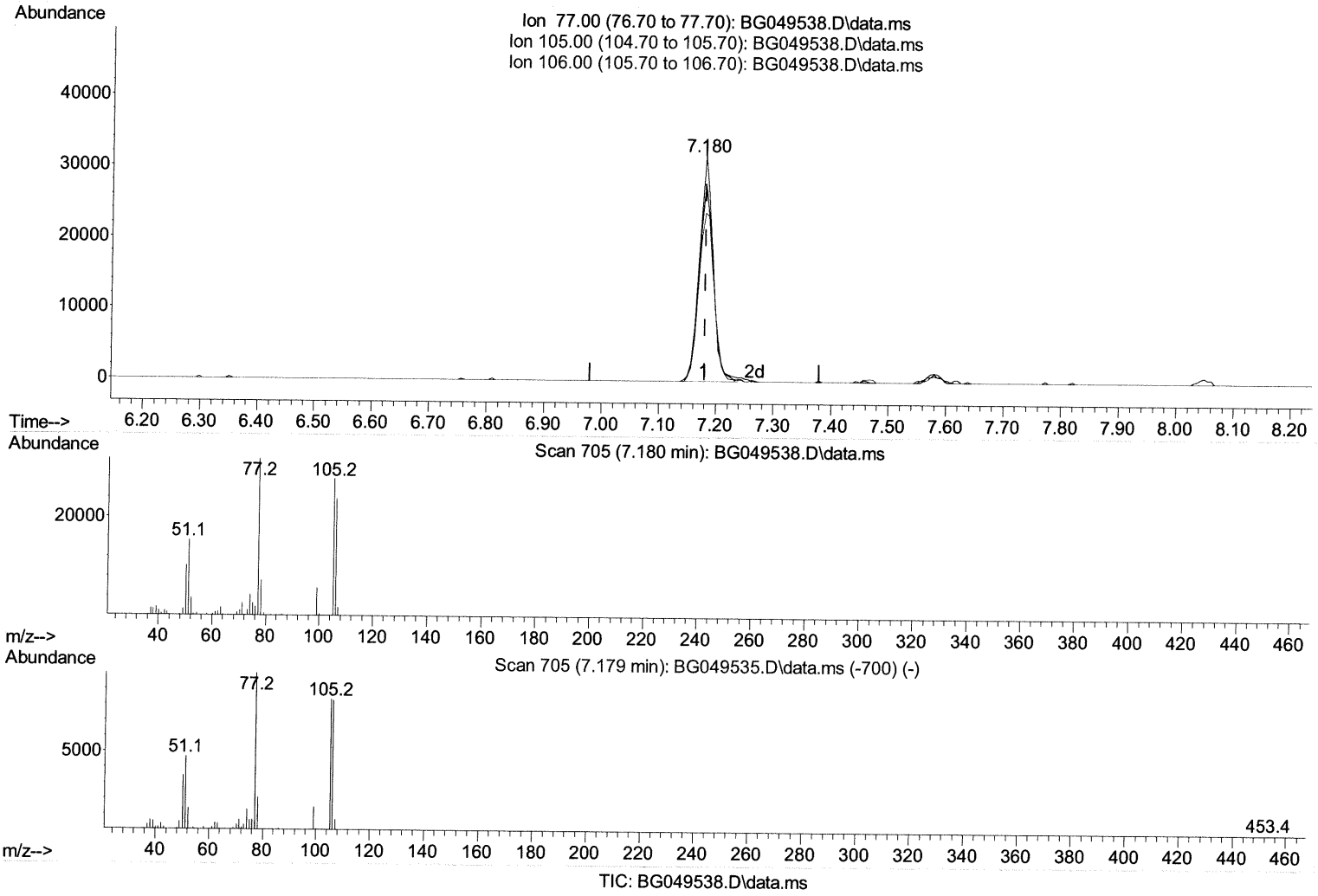

(6) Benzaldehyde

7.180min (-0.000) 42.18 ng/ul m 07/30/21 JU

response 52569

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	87.50	87.62
106.00	87.60	74.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
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ClientSampleId :
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Manual Integrations APPROVED
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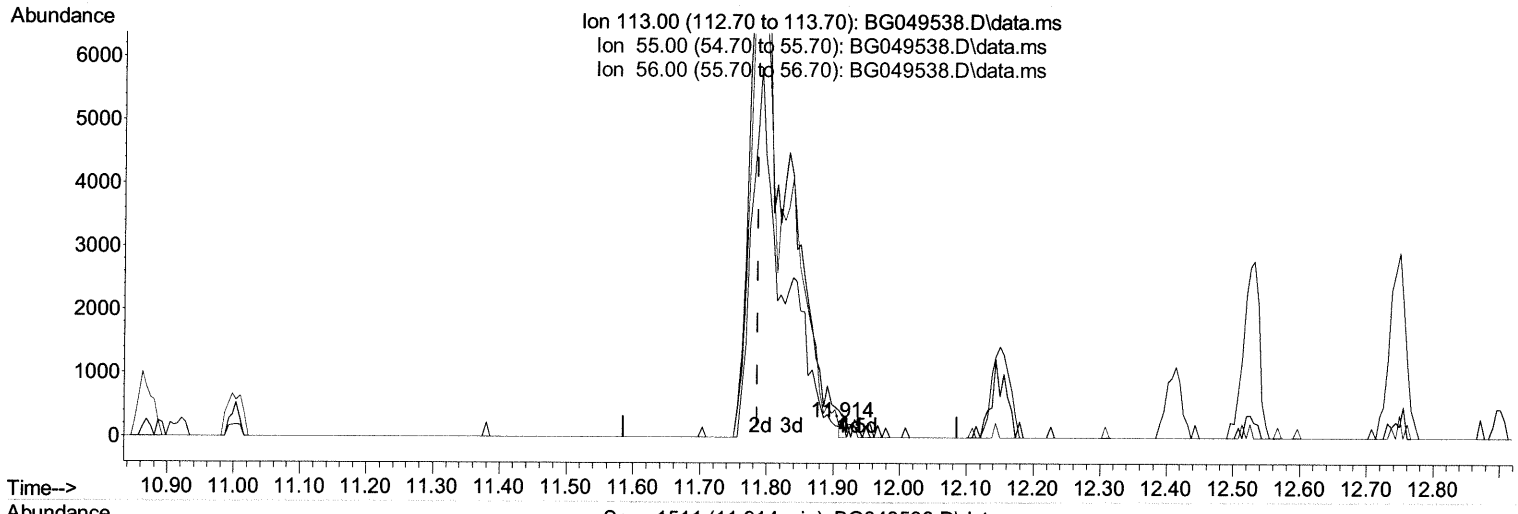

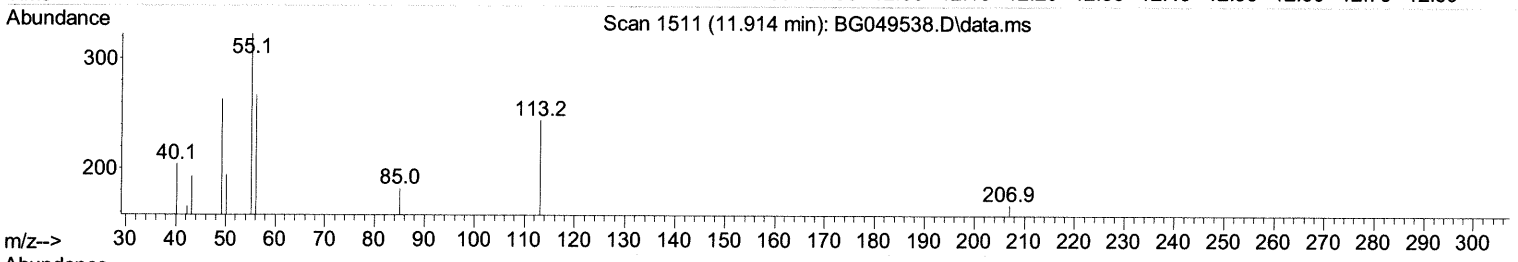

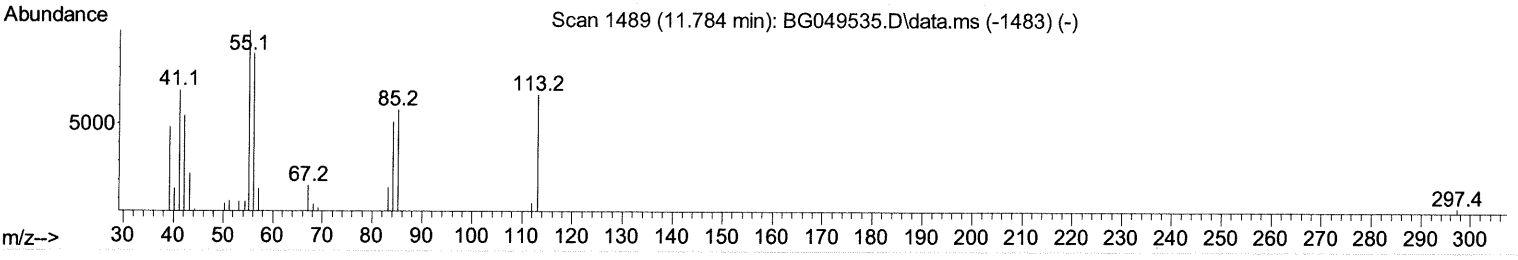

TIC: BG049538.D\data.ms

(34) Caprolactam

11.914min (+ 0.129) 0.16 ng/ul

response 86

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	131.97
56.00	118.80	109.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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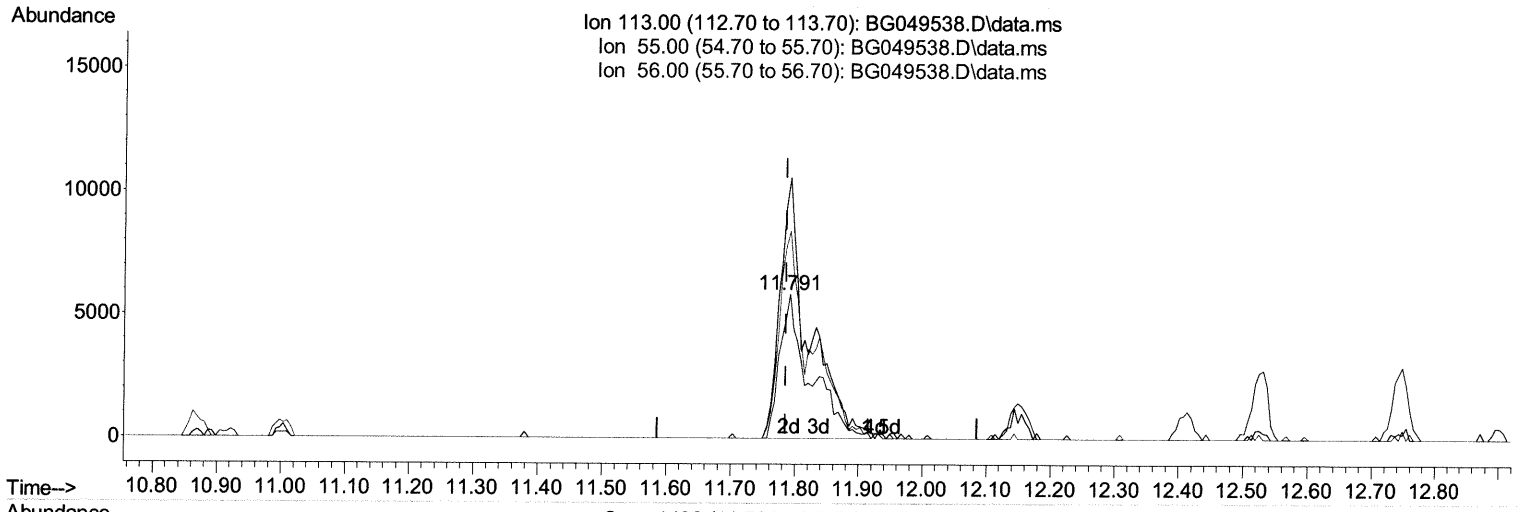

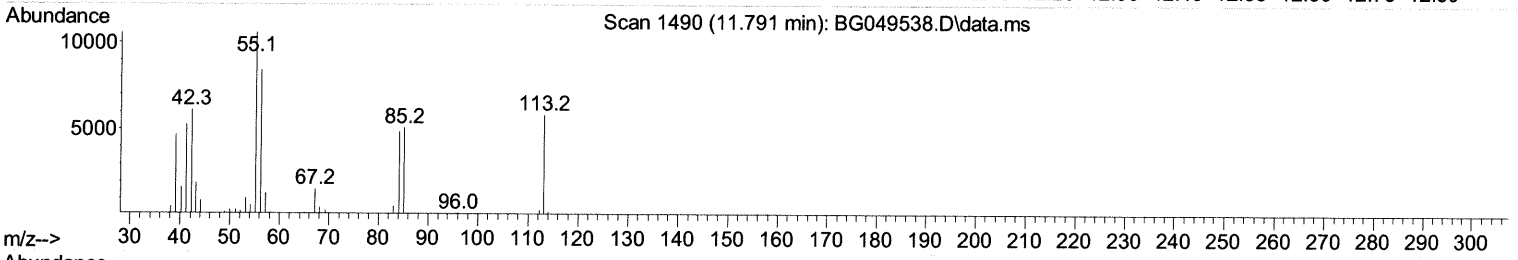

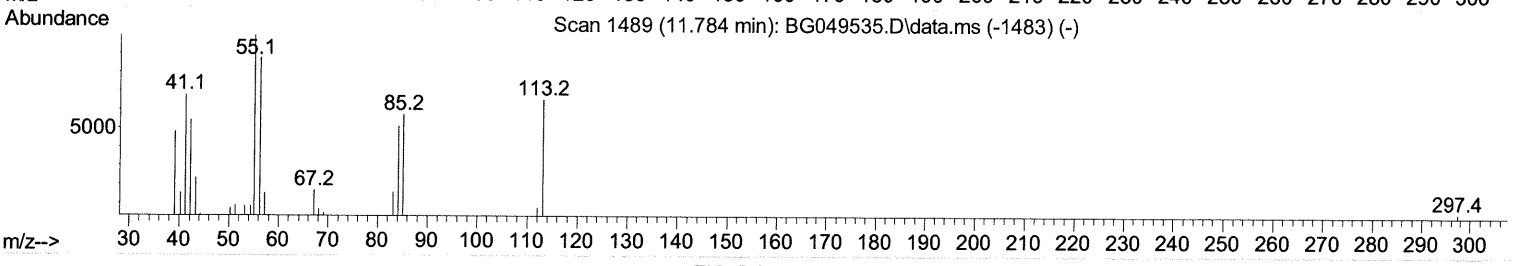

TIC: BG049538.D\data.ms

(34) Caprolactam

11.791min (+ 0.006) 36.01 ng/ul m 07/30/21JU

response 19146

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	180.94#
56.00	118.80	143.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

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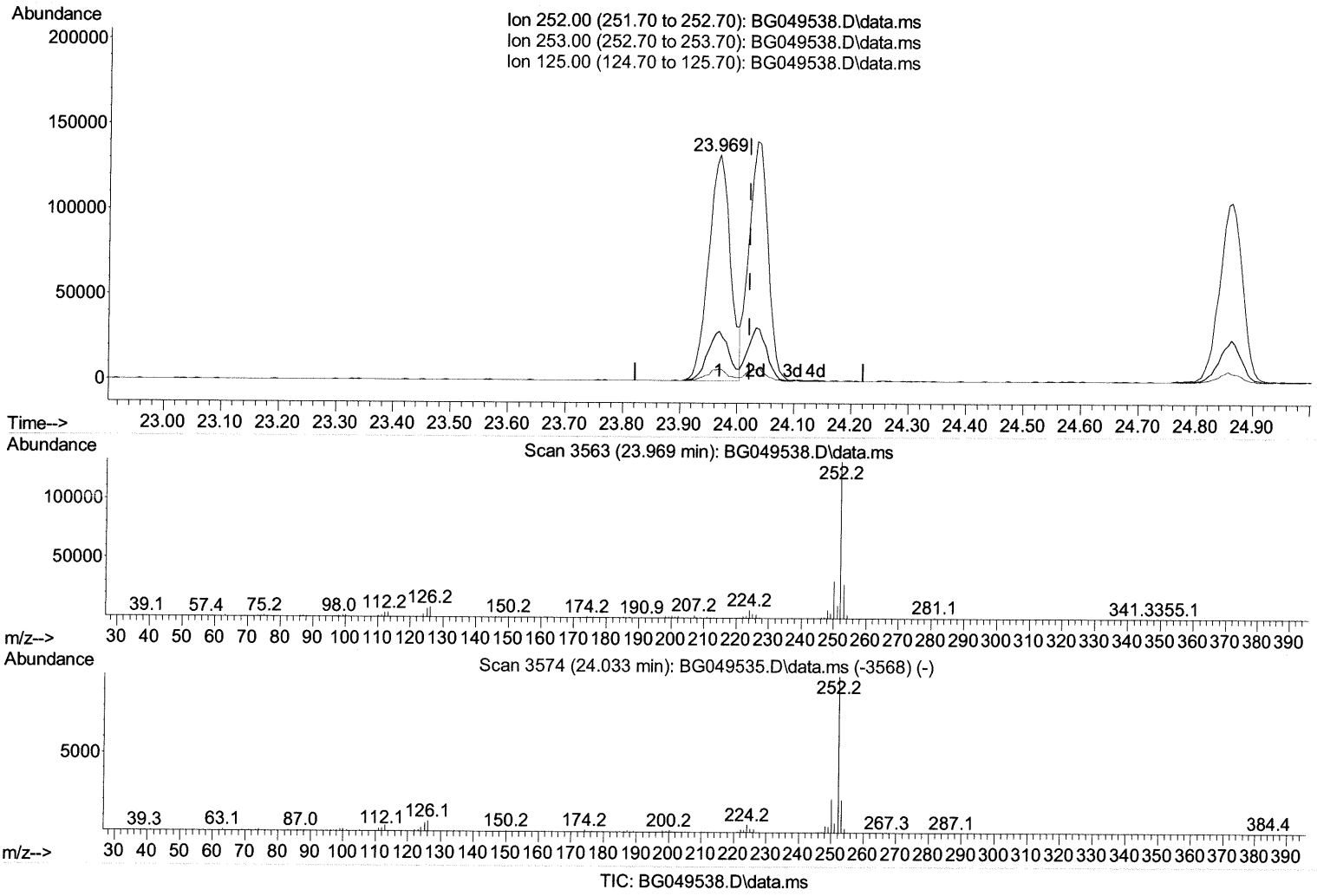

TIC: BG049538.D\data.ms

(91) Benzo(k)fluoranthene

23.969min (-0.053) 40.79 ng/ul

response 349345

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.83
125.00	5.80	5.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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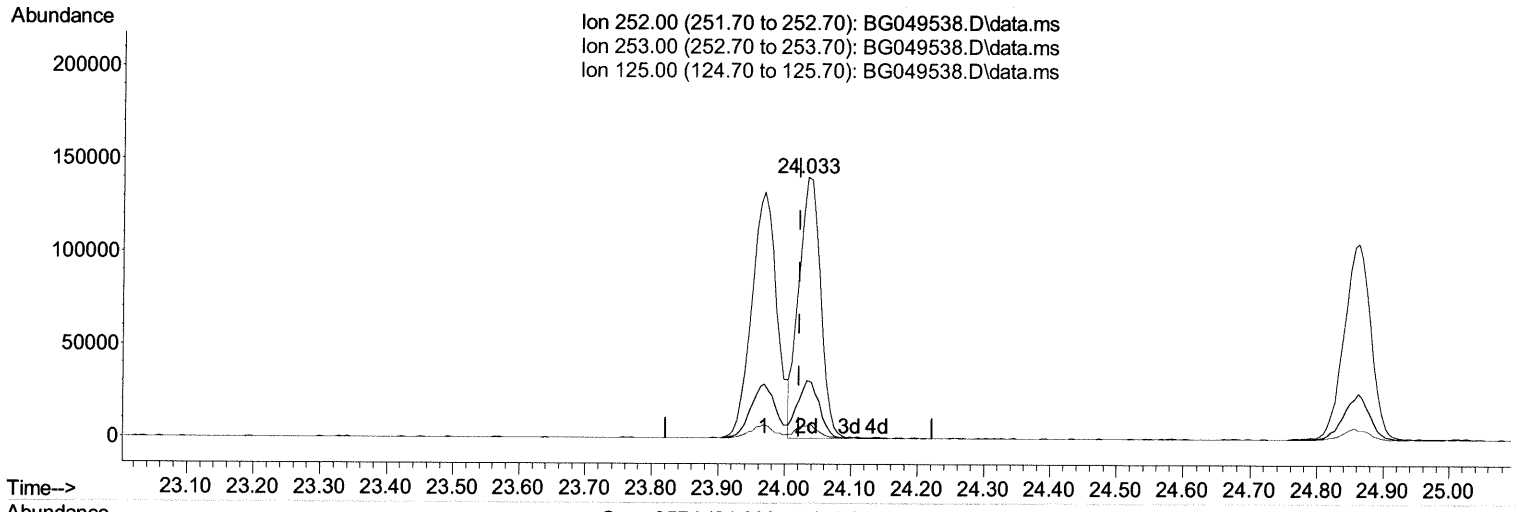

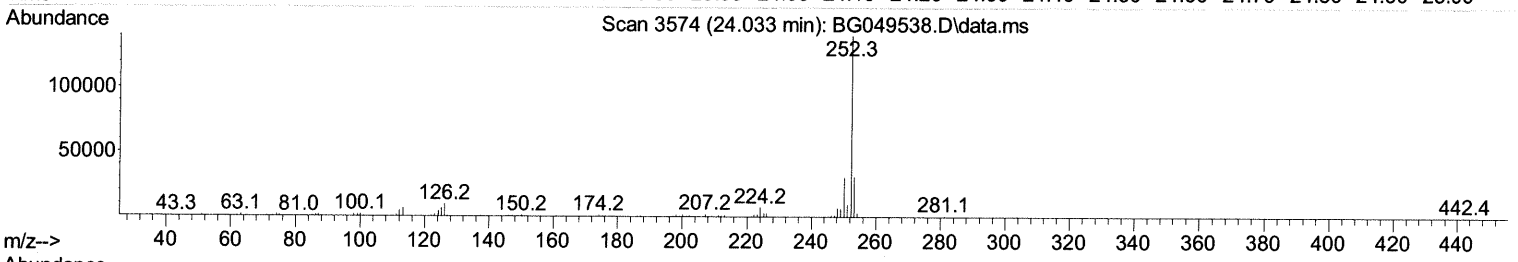

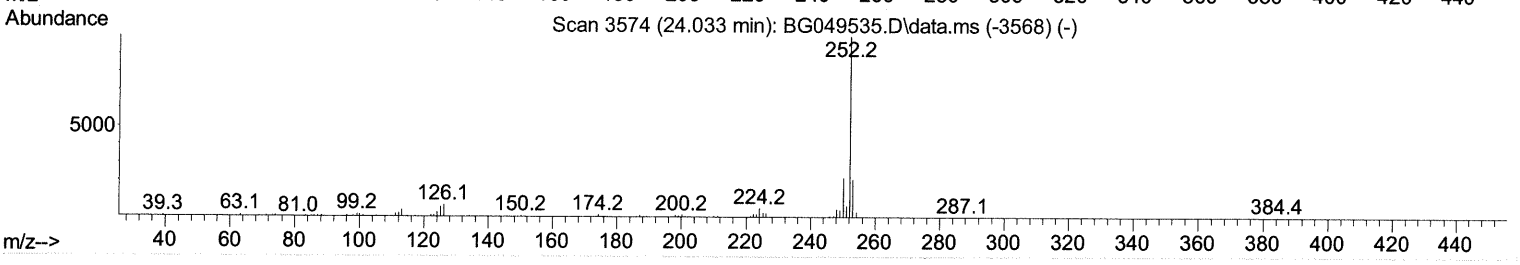

TIC: BG049538.D\data.ms

(91) Benzo(k)fluoranthene

24.033min (+ 0.011) 37.60 ng/ul m 07/30/21 JU

response 322045

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.08
125.00	5.80	4.54#
0.00	0.00	0.00

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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	8.049	152	23609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	97594	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	68520	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	146519	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	133140	20.000	ng/ul	0.00
88) Perylene-d12	25.014	264	139635	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	3360m >	6.511	ng/uL >	0.00 07/30/21 JU
4) Pyridine-d5	3.855	84	54112	36.508	ng/ul	0.00
7) Phenol-d5	7.203	99	80879	38.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	44019	37.209	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	58405	39.007	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	62206	39.509	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	30014	40.001	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	34736	39.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	60593	37.891	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	76944	34.524	ng/ul	0.00
46) Dimethylphthalate-d6	14.100	166	198353	37.791	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	240747	39.491	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	31897	36.902	ng/ul	0.01
60) Fluorene-d10	15.692	176	171656	37.962	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	33847	37.279	ng/ul	0.00
73) Anthracene-d10	17.548	188	269692	39.604	ng/ul	0.00
81) Pyrene-d10	19.833	212	304742	44.763	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	289882	39.498	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	7931m >	11.244	ng/uL >	07/30/21 JU
5) Pyridine	3.872	79	57265	36.119	ng/ul	96
6) Benzaldehyde	7.180	77	52569m >	42.176	ng/ul >	07/30/21 JU
8) Phenol	7.233	94	78293	38.370	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.462	93	51649	36.741	ng/ul	93
12) 2-Chlorophenol	7.614	128	57953	40.204	ng/ul	91
13) 2-Methylphenol	8.490	108	59317	38.142	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.578	45	60758	36.882	ng/ul#	93
16) Acetophenone	8.877	105	98647	38.929	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.860	70	49516	37.894	ng/ul#	91
18) 4-Methylphenol	8.819	108	64168	39.221	ng/ul	94
19) Hexachloroethane	9.142	117	25248	38.880	ng/ul	95
22) Nitrobenzene	9.259	77	85339	38.092	ng/ul	98
23) Isophorone	9.782	82	137974	36.753	ng/ul	98
25) 2-Nitrophenol	9.976	139	33344	40.296	ng/ul#	80
26) 2,4-Dimethylphenol	10.029	107	75066	38.064	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.264	93	70188	37.486	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	59612	38.133	ng/ul#	92
30) Naphthalene	10.922	128	187805	37.359	ng/ul	98
32) 4-Chloroaniline	11.027	127	69662	32.859	ng/ul#	85
33) Hexachlorobutadiene	11.204	225	46798	39.156	ng/ul	92
34) Caprolactam	11.791	113	19146m >	36.011	ng/ul >	07/30/21 JU
35) 4-Chloro-3-methylphenol	12.149	107	70312	39.974	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049538.D
Acq On : 28 Jul 2021 18:28
Operator : CG/JU
Sample : PB138029BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 29 04:41:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 04:40:56 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SLCS029

Manual Integrations APPROVED
mohammad
7/29/2021 1:42:11 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	144017	39.142 ng/ul	98
37) 1-Methylnaphthalene	12.743	142	136306	36.662 ng/ul	88
39) 1,2,4,5-Tetrachloroben...	12.895	216	78421	38.507 ng/ul	95
40) Hexachlorocyclopentadiene	12.866	237	30457	24.820 ng/ul	99
41) 2,4,6-Trichlorophenol	13.130	196	49972	39.930 ng/ul	88
42) 2,4,5-Trichlorophenol	13.207	196	52438	39.234 ng/ul	94
43) 1,1'-Biphenyl	13.530	154	180097	36.910 ng/ul	97
44) 2-Chloronaphthalene	13.577	162	141253	37.202 ng/ul	95
45) 2-Nitroaniline	13.777	65	53650	39.816 ng/ul	94
47) Dimethylphthalate	14.147	163	185842	36.409 ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	40740	39.994 ng/ul#	87
50) Acenaphthylene	14.423	152	216106	37.120 ng/ul	96
51) 3-Nitroaniline	14.599	138	38309	37.707 ng/ul#	87
52) Acenaphthene	14.764	153	153024	36.648 ng/ul	94
53) 2,4-Dinitrophenol	14.816	184	19229	37.888 ng/ul#	76
55) 4-Nitrophenol	14.910	109	42625	36.368 ng/ul	100
56) Dibenzofuran	15.098	168	212737	37.732 ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	55931	38.735 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.322	232	48122	39.676 ng/ul#	98
59) Diethylphthalate	15.510	149	194989	36.911 ng/ul	97
61) Fluorene	15.750	166	178584	37.311 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.739	204	92080	36.956 ng/ul	90
63) 4-Nitroaniline	15.768	138	40996	40.692 ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.827	198	31202	37.333 ng/ul#	89
67) N-Nitrosodiphenylamine	15.950	169	151383	39.424 ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	65767	40.312 ng/ul	93
69) Hexachlorobenzene	16.755	284	72072	39.045 ng/ul	98
70) Atrazine	16.896	200	66152	37.720 ng/ul	92
71) Pentachlorophenol	17.102	266	37426	43.790 ng/ul	91
72) Phenanthrene	17.495	178	293317	38.454 ng/ul	97
74) Anthracene	17.583	178	287373	37.178 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.501	216	77969	39.162 ng/uL	93
76) Pentachlorobenzene	15.022	250	86695	41.156 ng/uL	97
77) Carbazole	17.853	167	259463	37.546 ng/ul	99
78) Di-n-butylphthalate	18.406	149	322524	37.531 ng/ul	99
80) Fluoranthene	19.498	202	353372	42.748 ng/ul	99
82) Pyrene	19.862	202	347137	42.297 ng/ul#	98
83) Butylbenzylphthalate	20.744	149	134949	42.234 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.625	252	113314	37.041 ng/ul	99
85) Benzo(a)anthracene	21.713	228	327592	40.244 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	189867	40.039 ng/ul	99
87) Chrysene	21.778	228	306882	39.388 ng/ul	99
89) Di-n-octyl phthalate	22.835	149	321377	39.154 ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	349345	39.916 ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	322045m	37.598 ng/ul	07/30/21 JU
93) Benzo(a)pyrene	24.862	252	296817	39.093 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.774	276	390815	40.341 ng/ul	99
95) Dibenzo(a,h)anthracene	28.833	278	320492	39.977 ng/ul	98
96) Benzo(g,h,i)perylene	29.943	276	321503	39.916 ng/ul	96

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