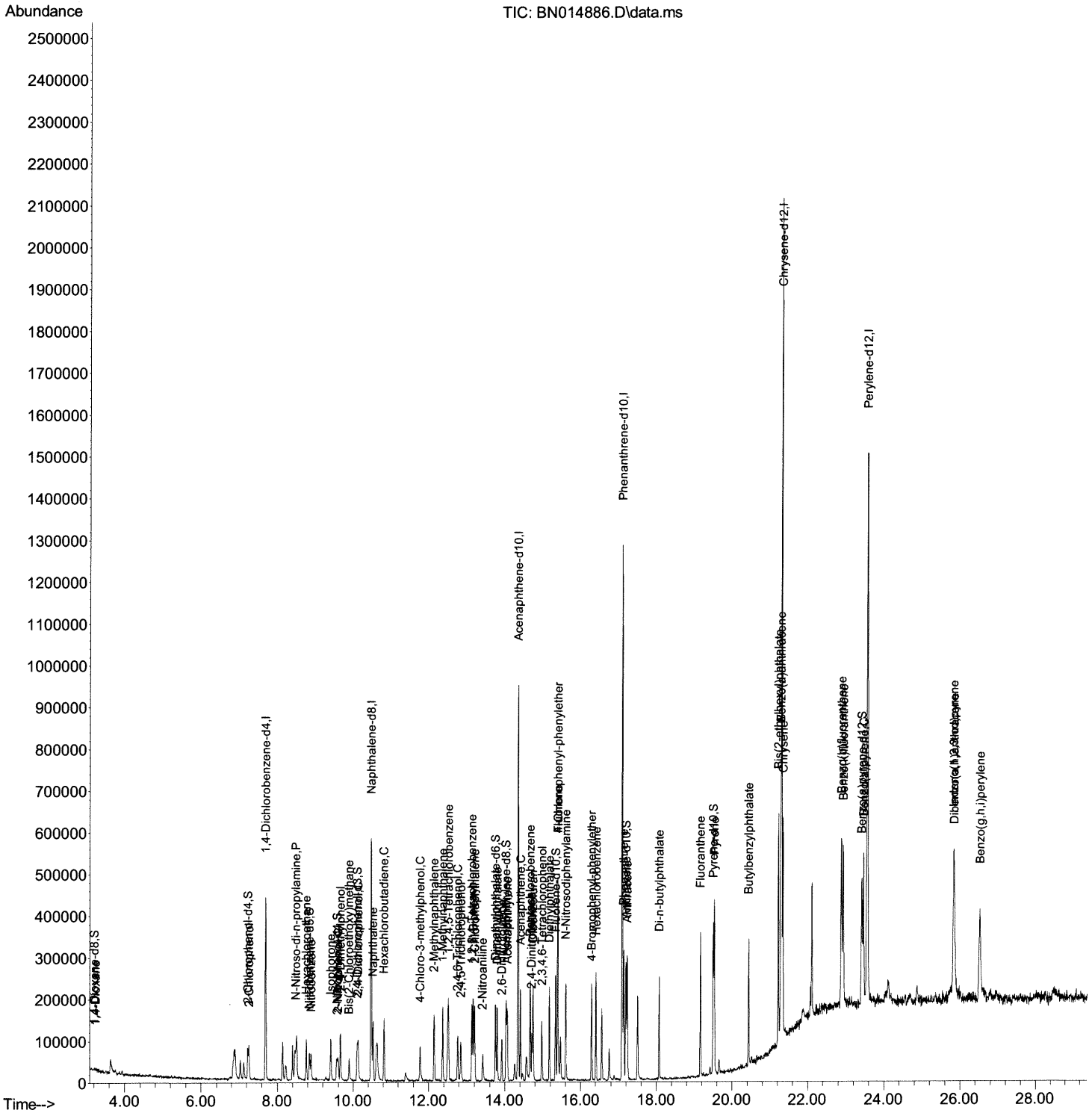
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM



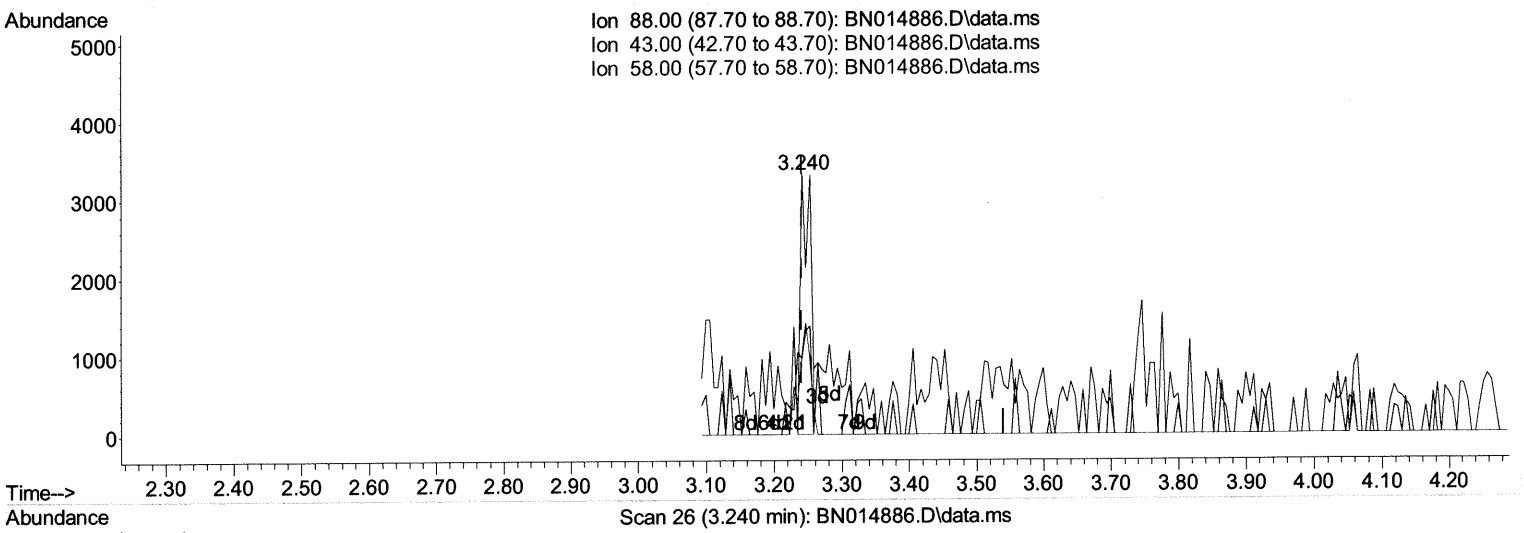
Quantitation Report (Qedit)

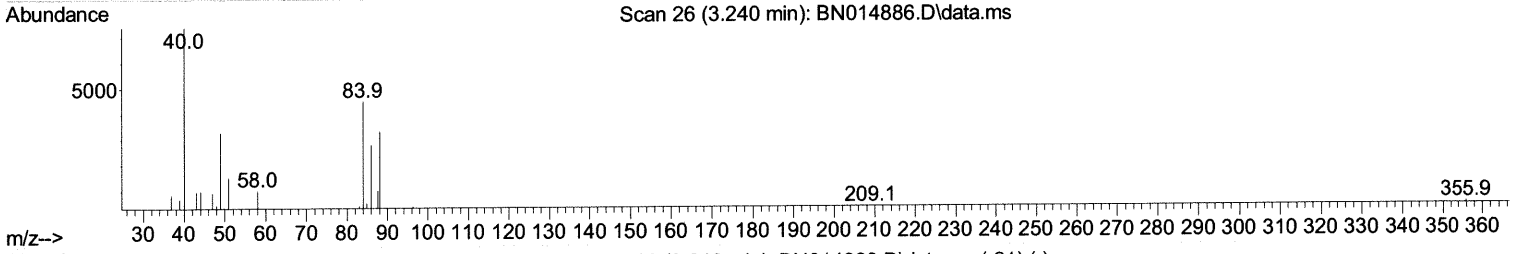
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

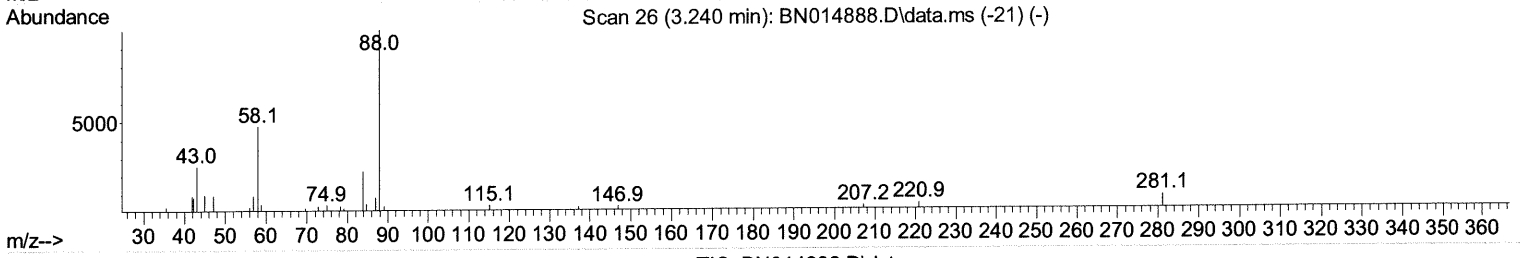
Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

(2) 1,4-Dioxane

3.240min (+ 0.000) 1.17 ng/uL

response 3384

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	17.20	29.08#
58.00	46.40	30.49#
0.00	0.00	0.00

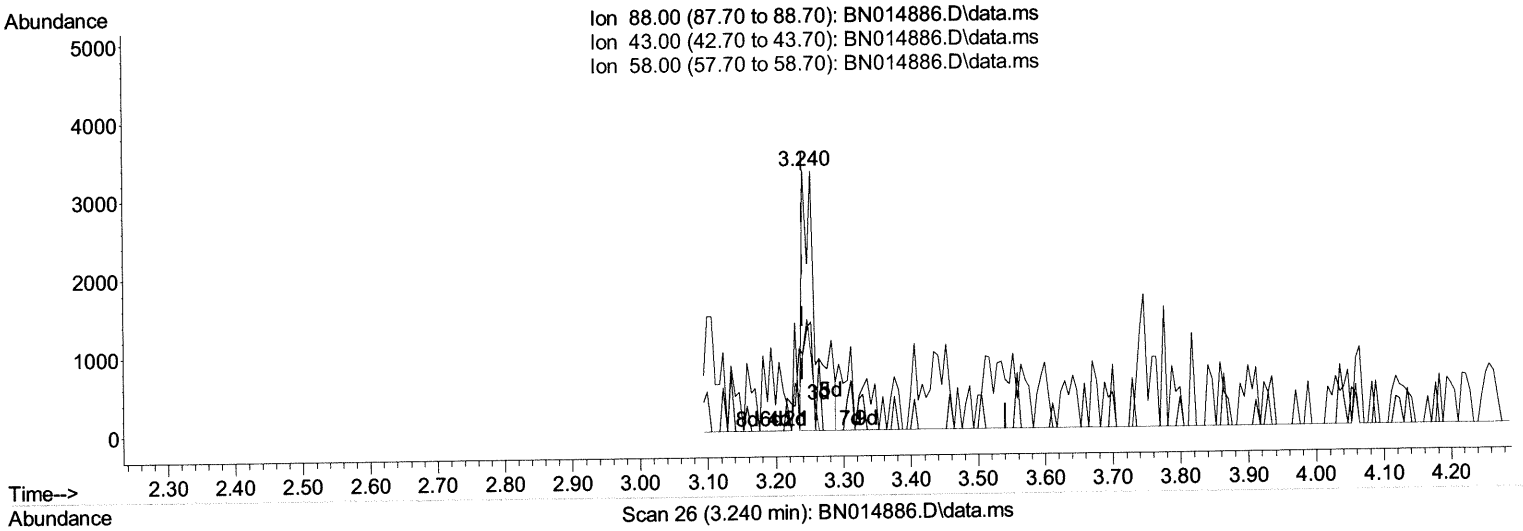
Quantitation Report (Qedit)

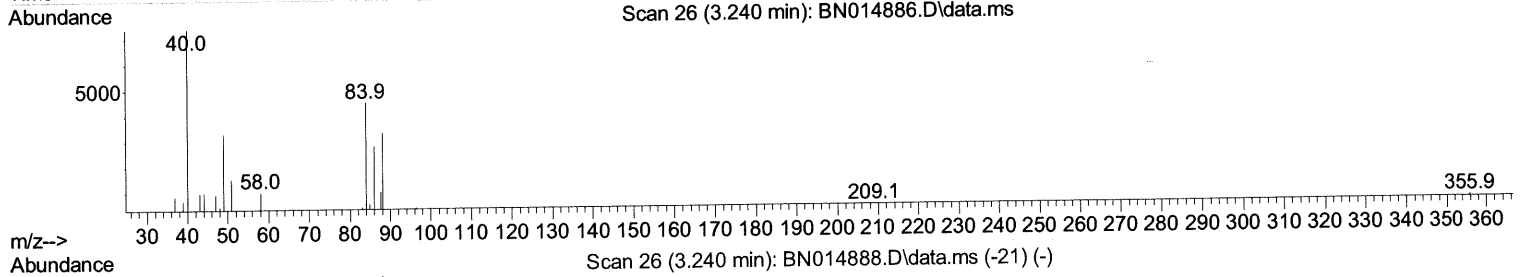
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

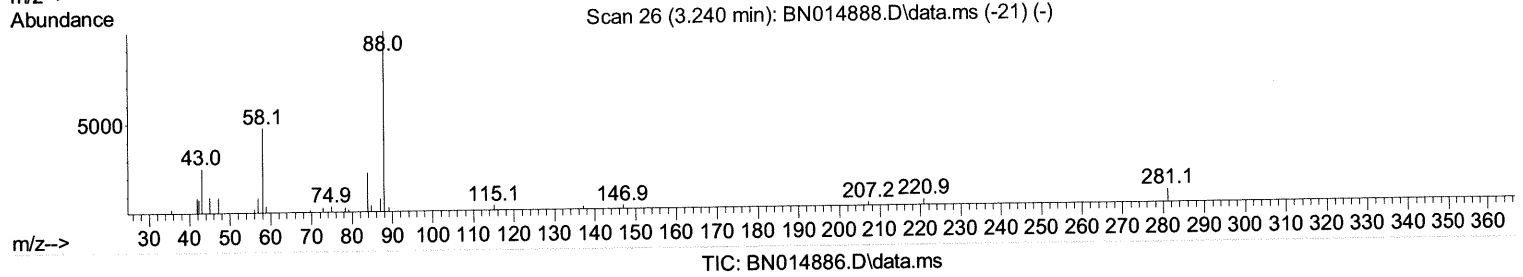
Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

(2) 1,4-Dioxane

3.240min (+ 0.000) 1.69 ng/uL m 06/15/21 JU

response 4896

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	17.20	29.08#
58.00	46.40	30.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
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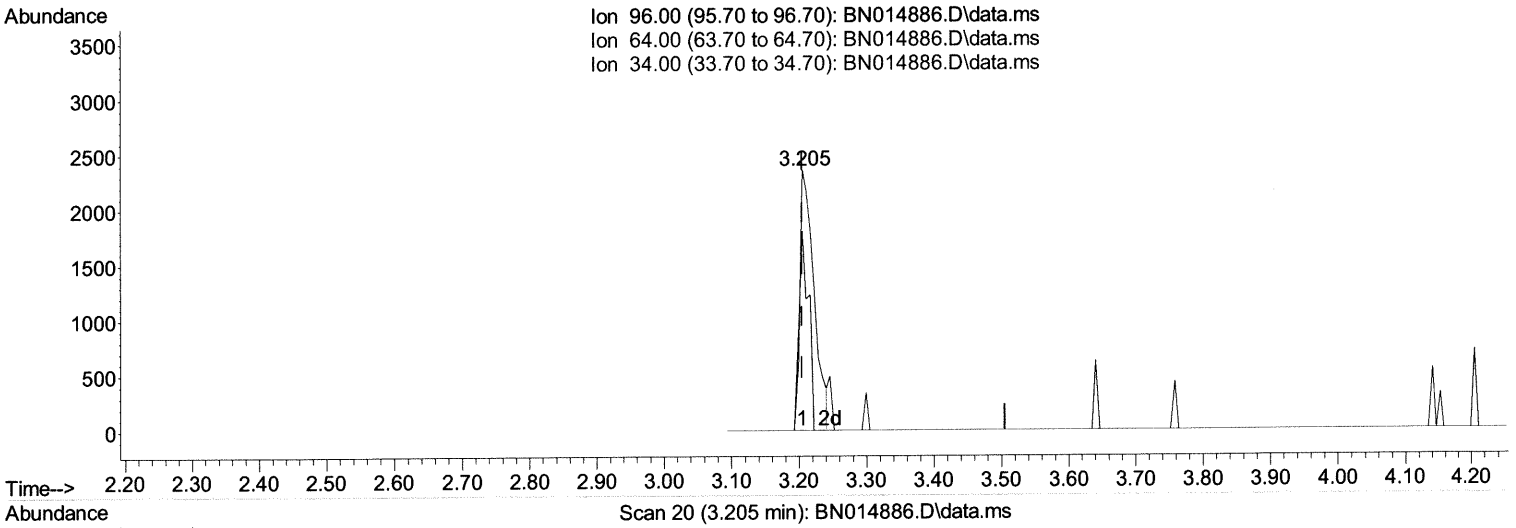
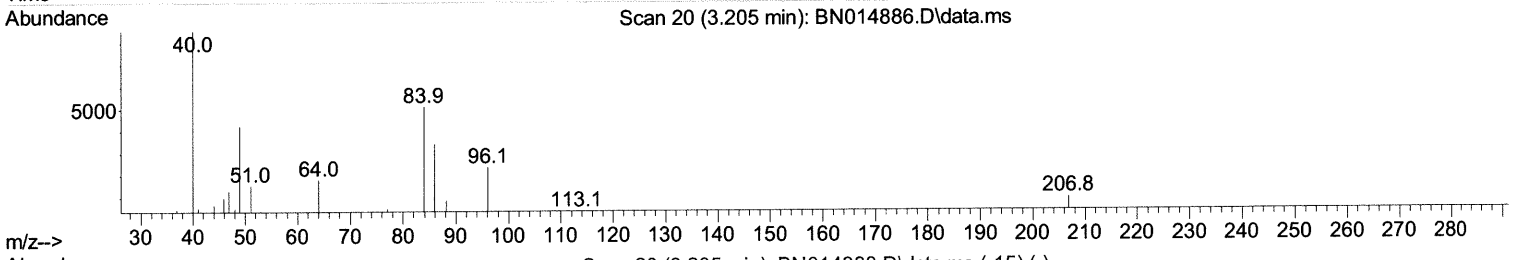
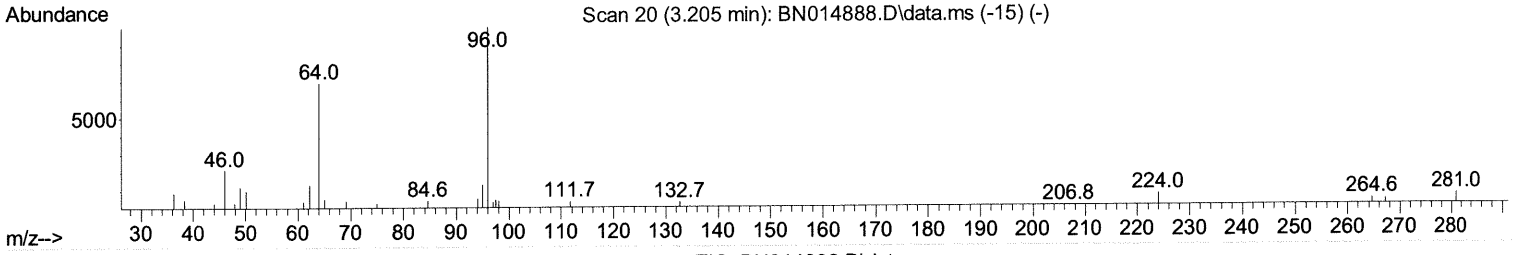






TIC: BN014886.D\data.ms

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

3.205min (+ 0.000) 1.40 ng/uL

response 3445

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	76.62
34.00	0.00	0.00
0.00	0.00	0.00

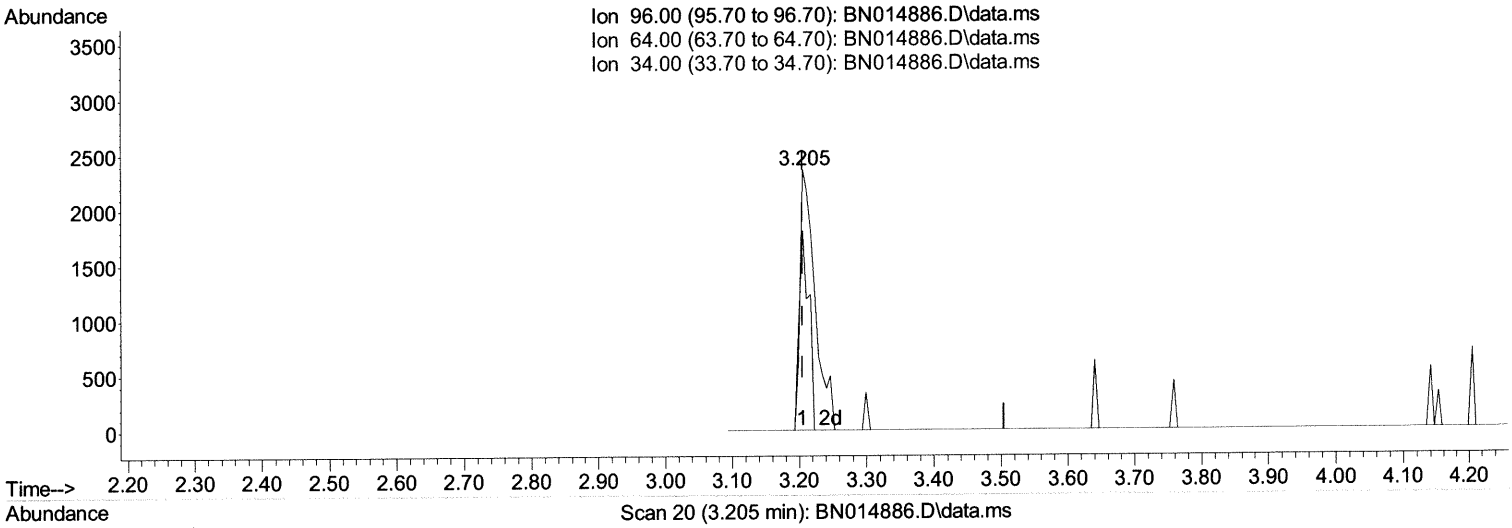
Quantitation Report (Qedit)

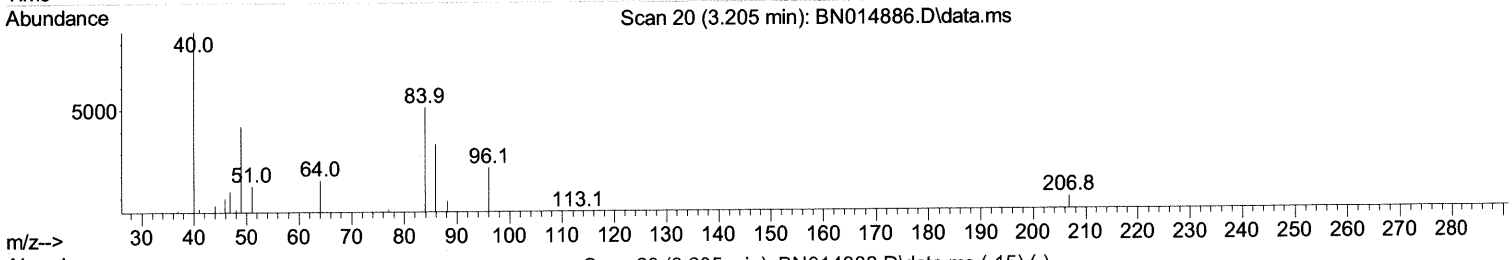
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

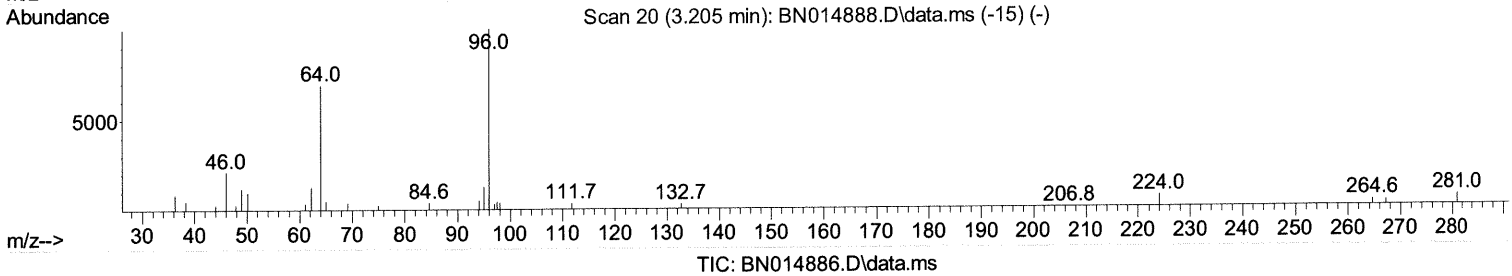
Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

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

3.205min (+ 0.000) 1.47 ng/uL m 06/15/21 JU

response 3616

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	76.62
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
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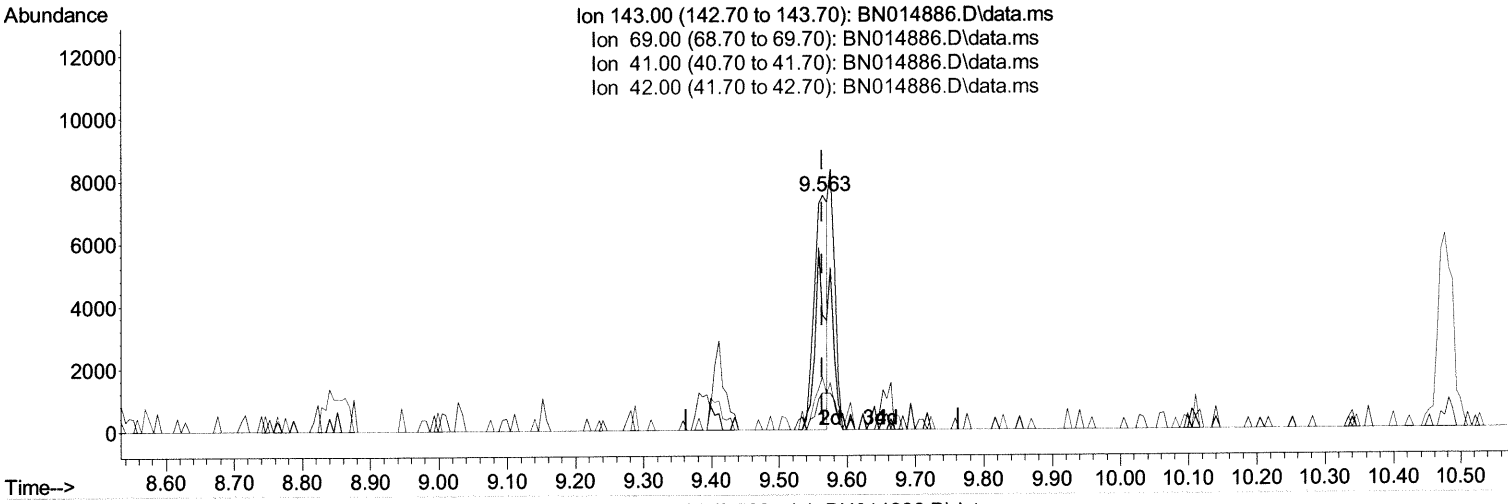
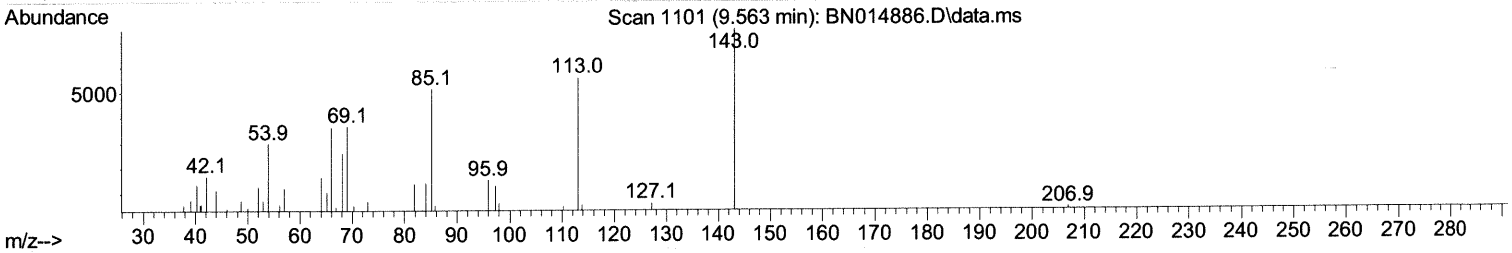
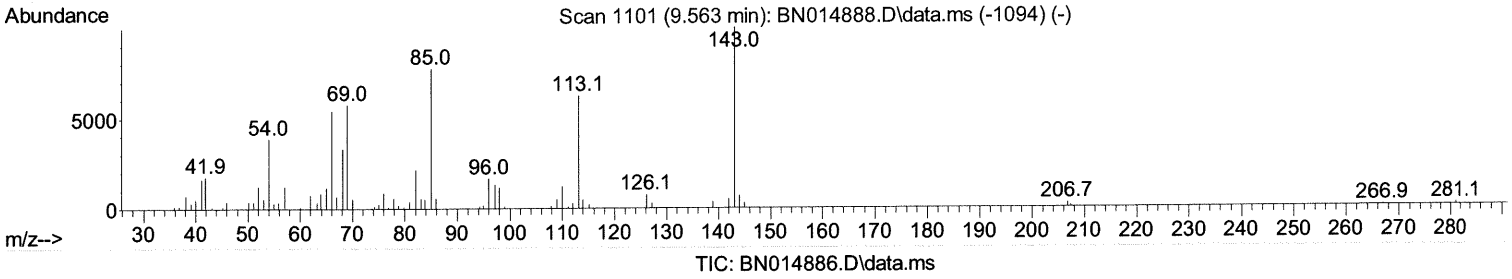






TIC: BN014886.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.563min (+ 0.000) 3.14 ng/ul

response 10113

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	69.60	48.98#
41.00	18.30	15.54
42.00	14.10	22.52#

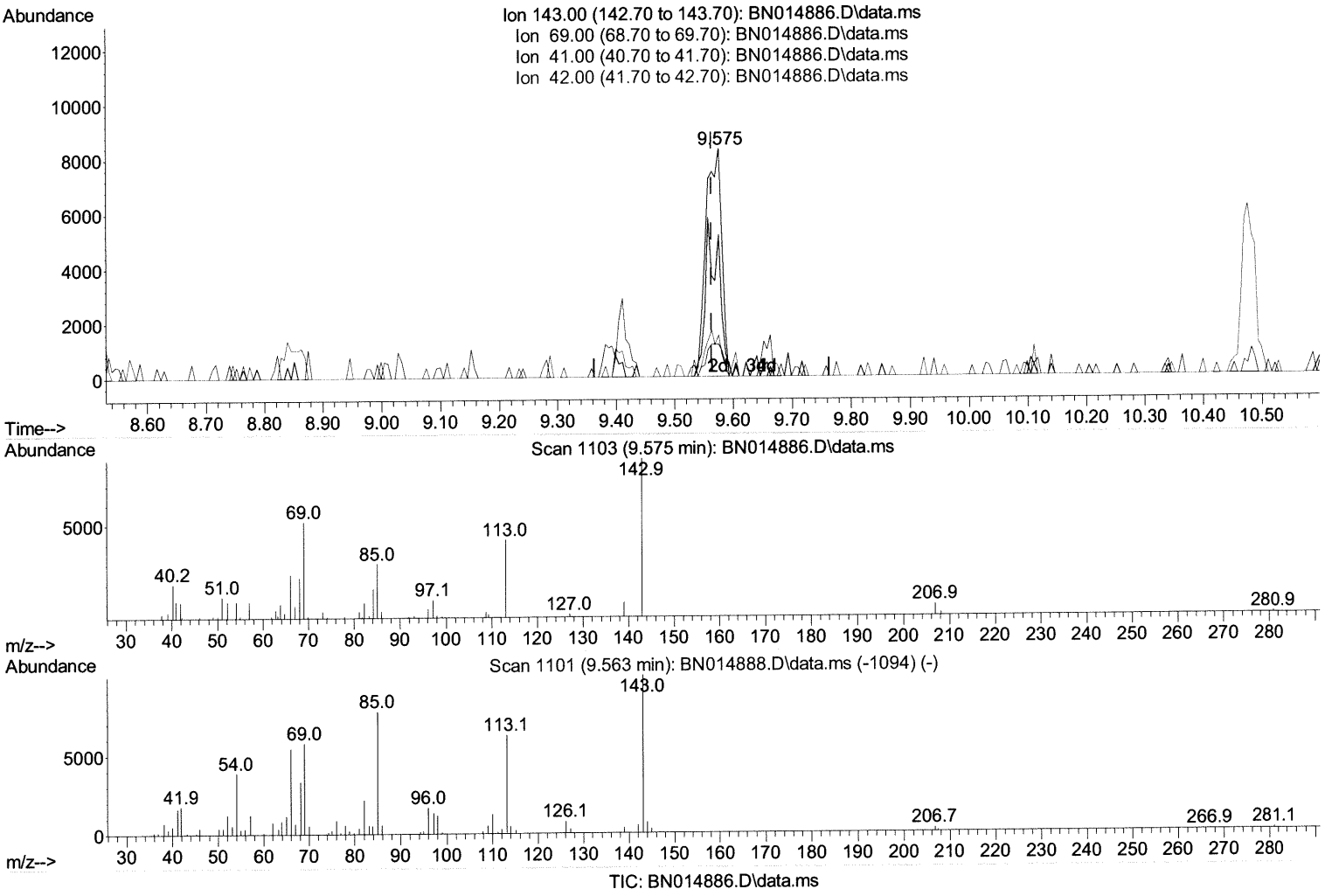
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM



TIC: BN014886.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.575min (+ 0.012) 4.78 ng/ul m 06/15/21 JU

response 15402

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	69.60	62.16
41.00	18.30	14.01#
42.00	14.10	13.36

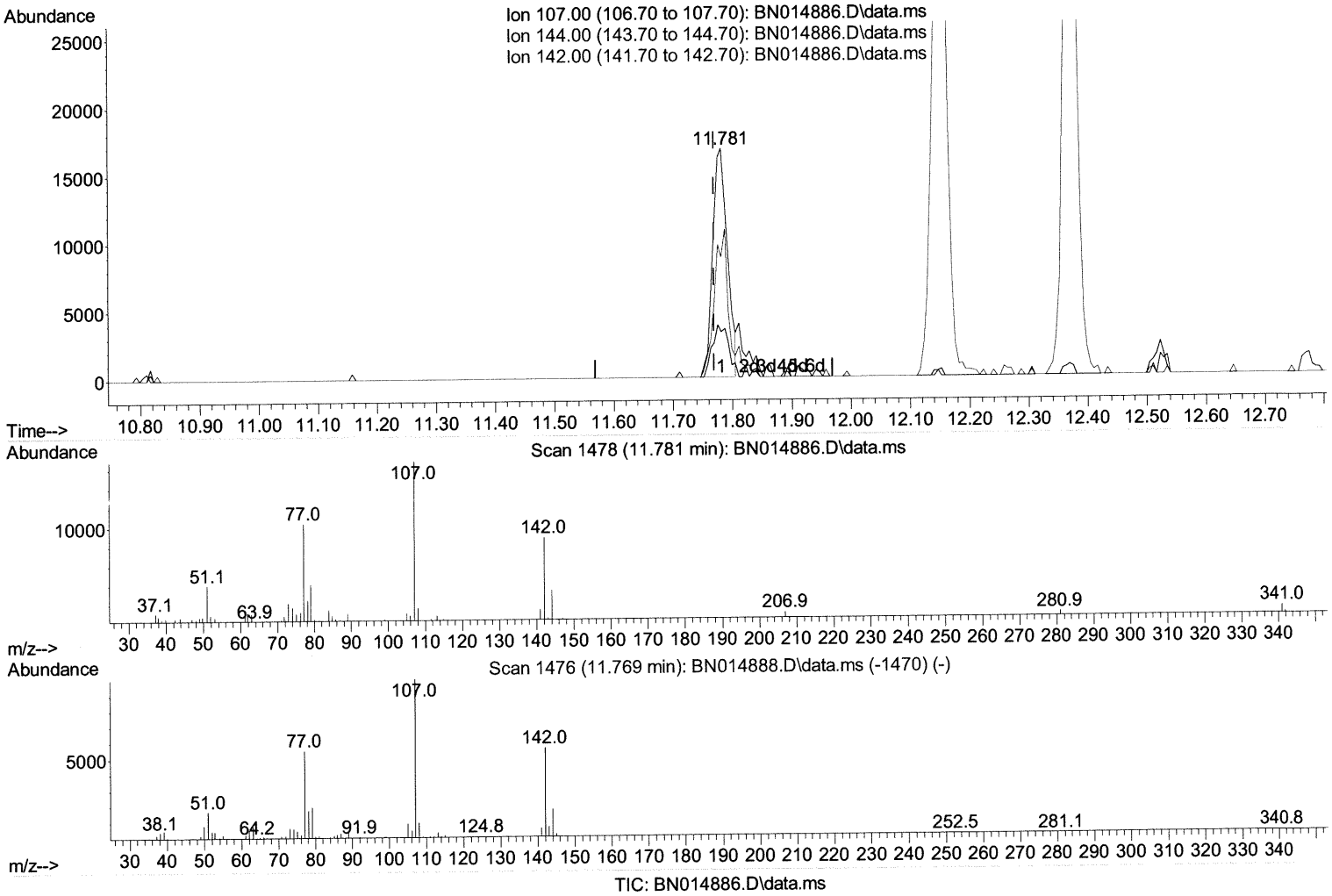
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM



TIC: BN014886.D\data.ms

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

11.781min (+ 0.012) 2.85 ng/ul

response 29085

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	16.80	19.68
142.00	53.20	52.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
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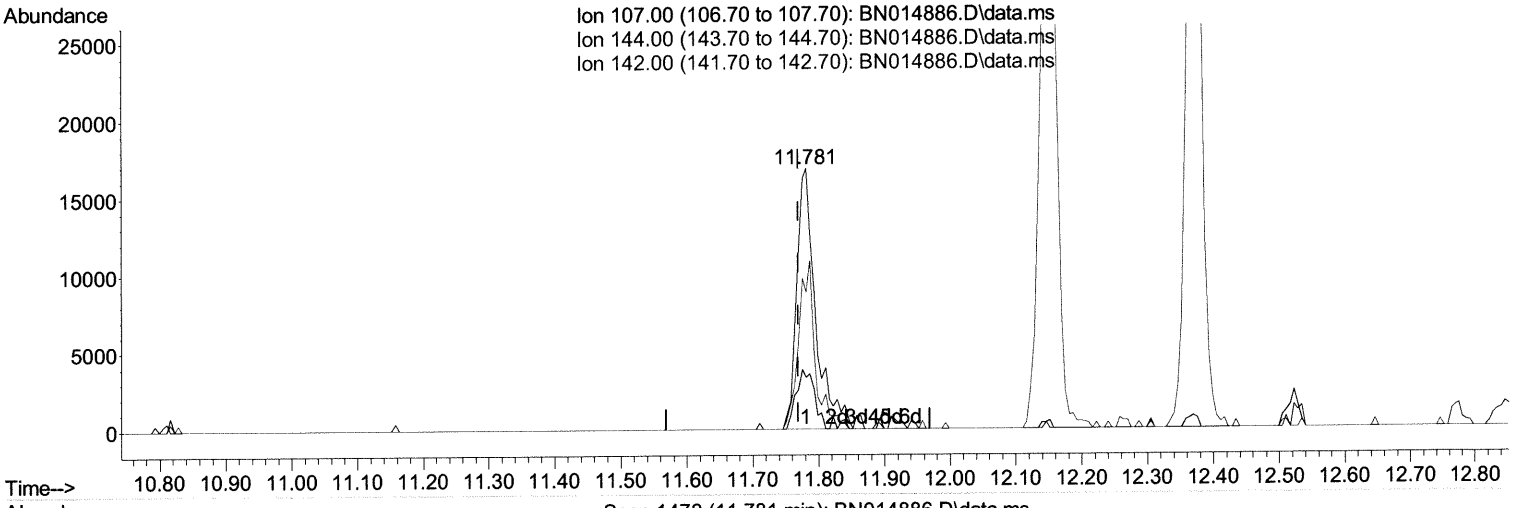
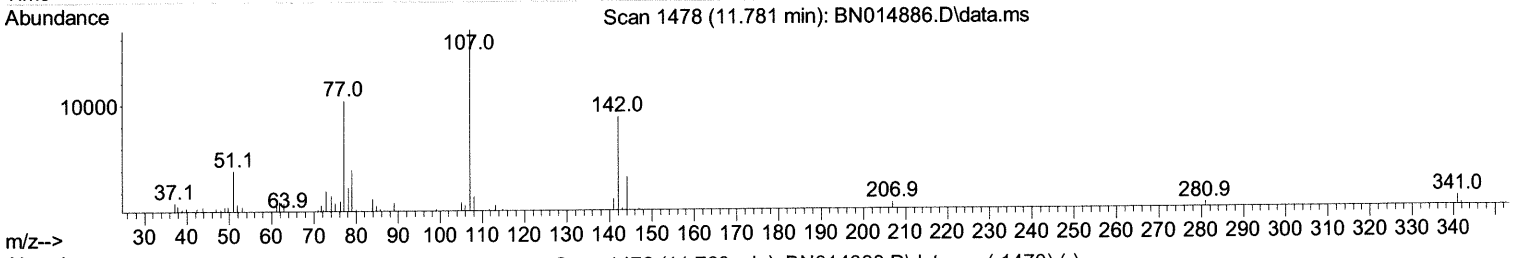
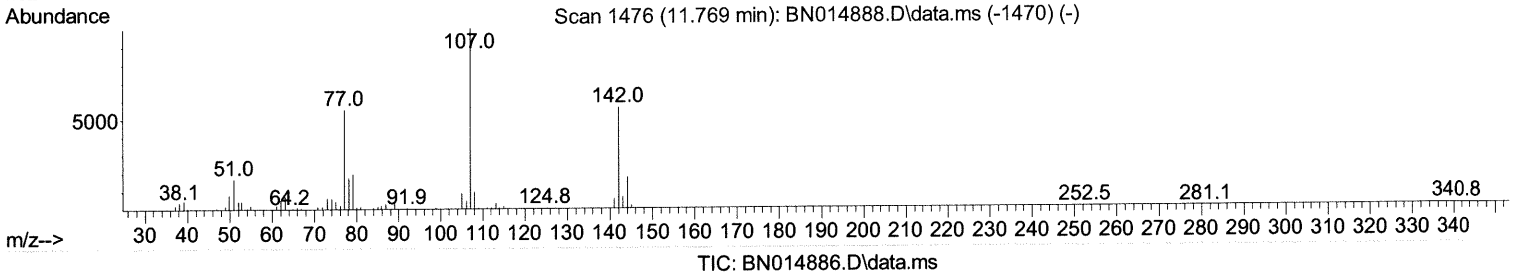
Instrument :
BNA_N
ClientSampleId :
SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

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

11.781min (+ 0.012) 3.27 ng/ul m 06/15/21 JU

response 33419

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	16.80	19.68
142.00	53.20	52.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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Misc :
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Quant Title : SVOA CALIBRATION
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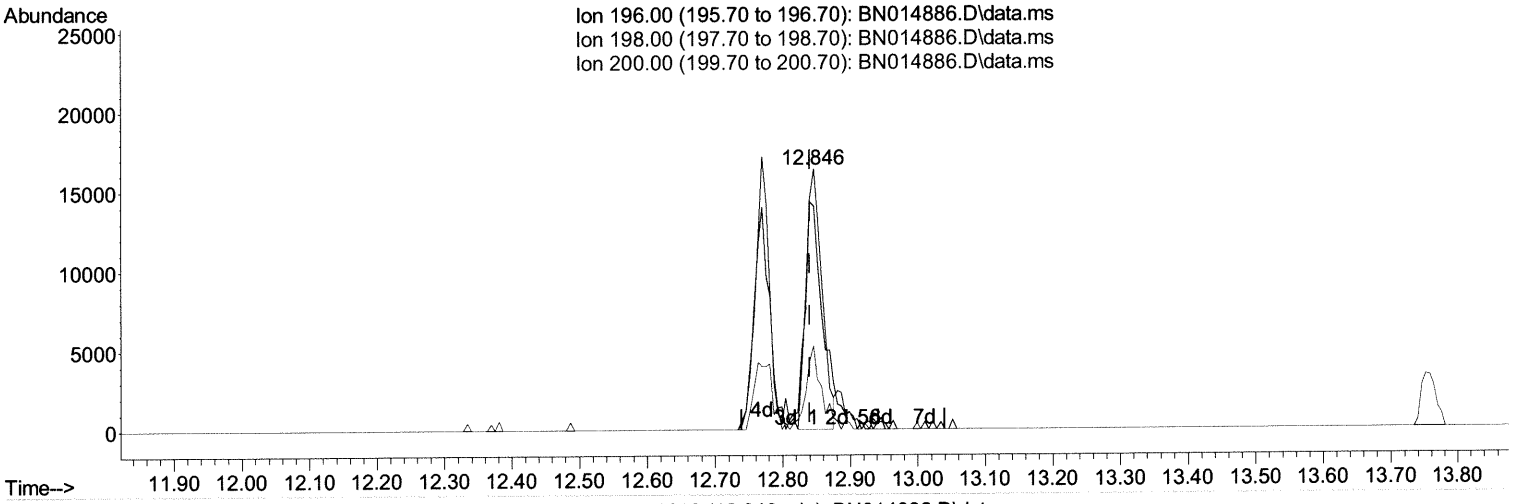
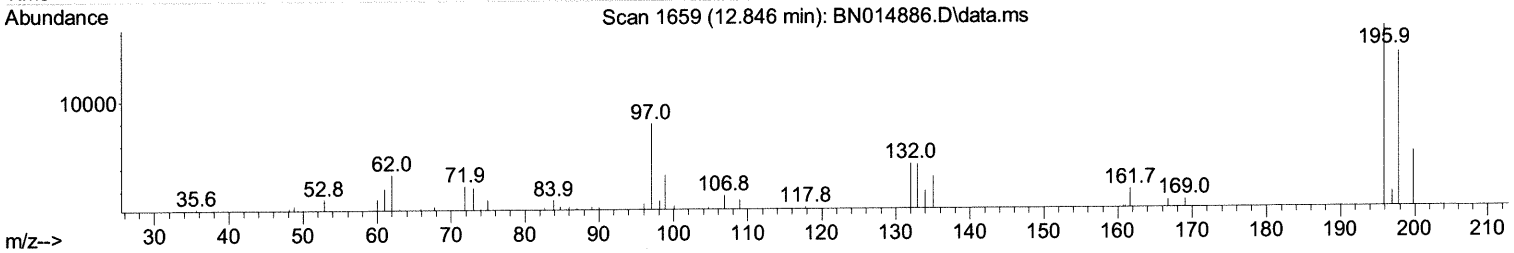
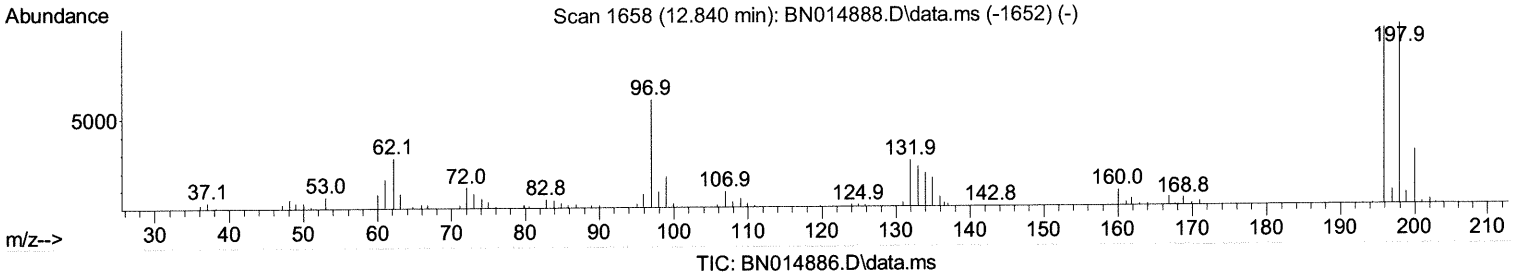
Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

(42) 2,4,5-Trichlorophenol

12.846min (+ 0.006) 3.96 ng/ul

response 26890

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.30	85.62
200.00	30.40	31.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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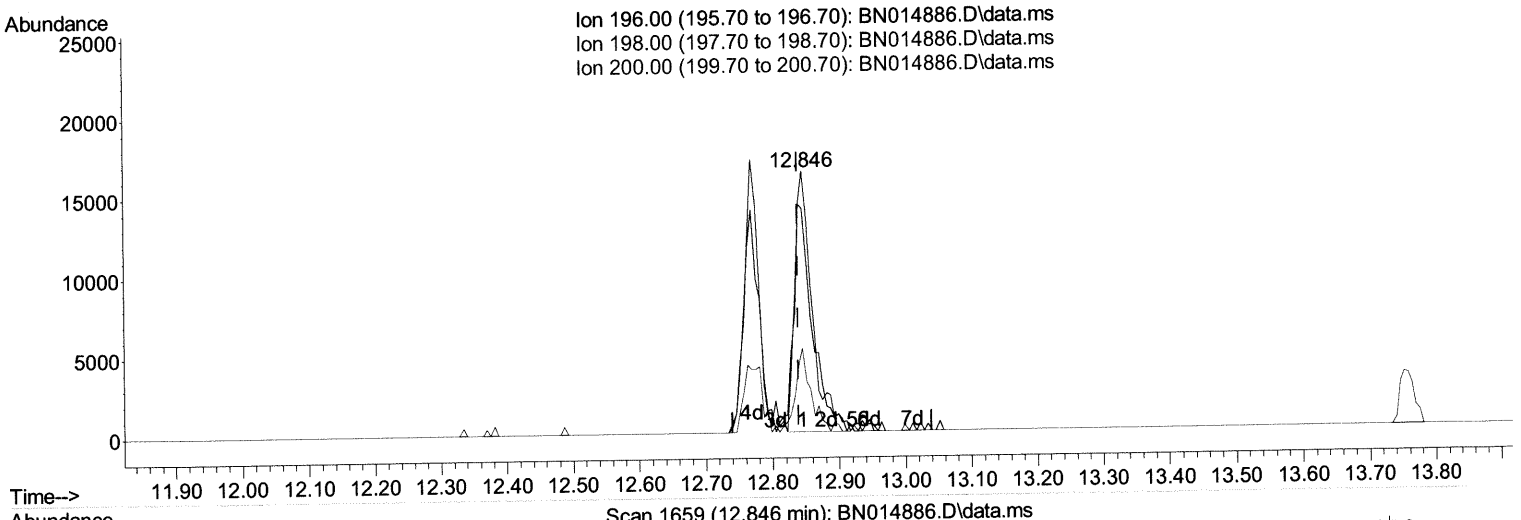
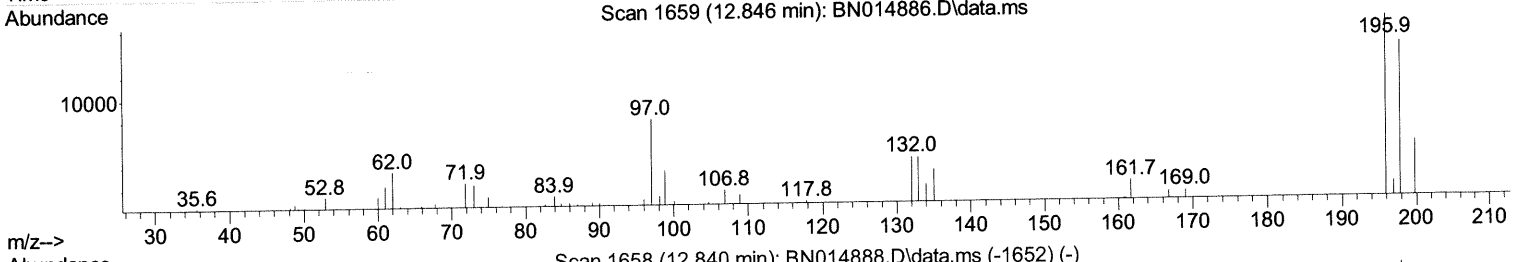
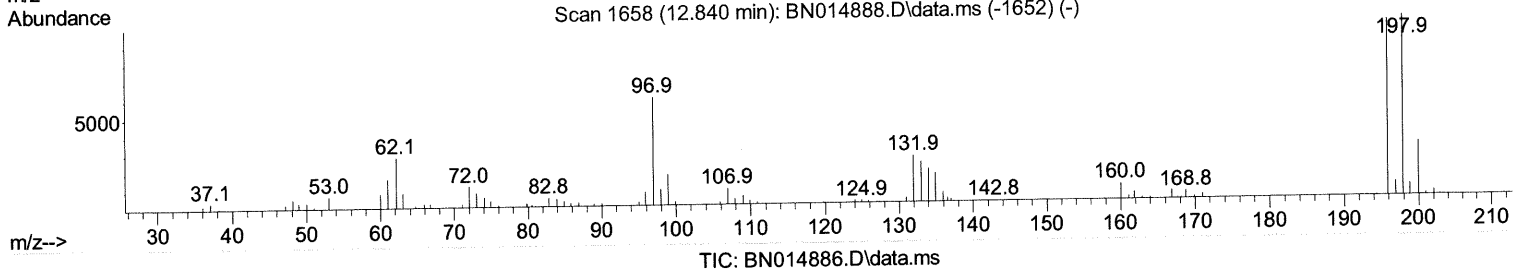
Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

(42) 2,4,5-Trichlorophenol

12.846min (+ 0.006) 4.37 ng/ul m 06/13/21 JU

response 29662

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.30	85.62
200.00	30.40	31.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
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QLast Update : Mon Jun 14 01:48:30 2021
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Instrument :
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ClientSampleId :
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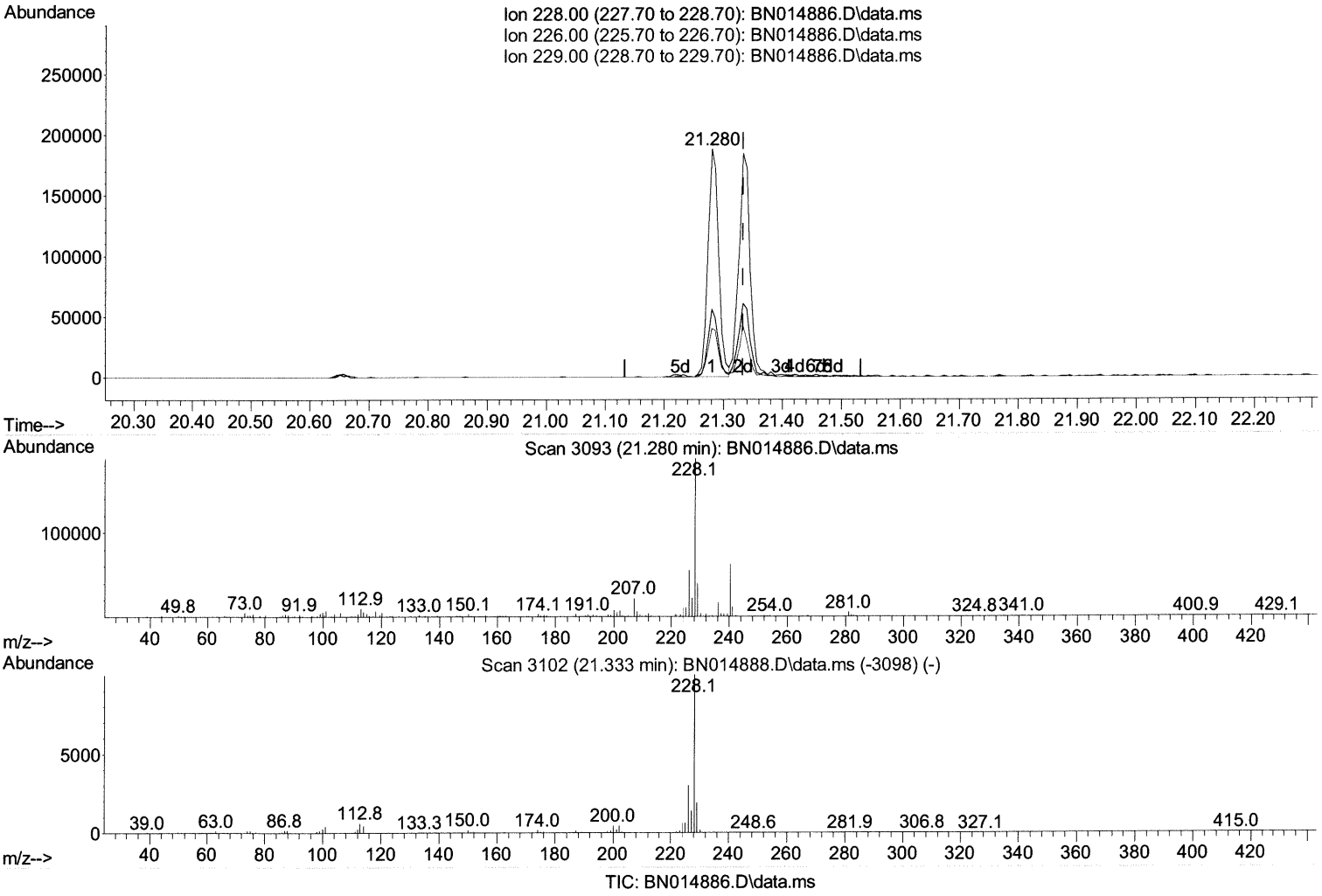
Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM



TIC: BN014886.D\data.ms

(87) Chrysene

21.280min (-0.053) 4.26 ng/ul

response 237251

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.70	29.70
229.00	18.50	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
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Misc :
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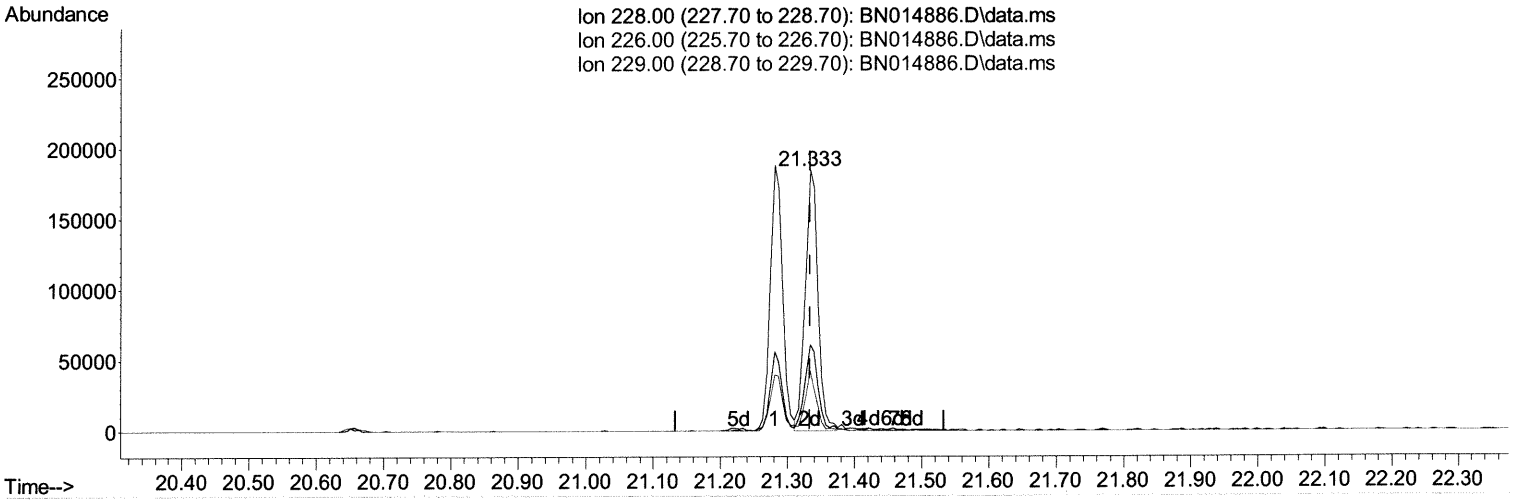
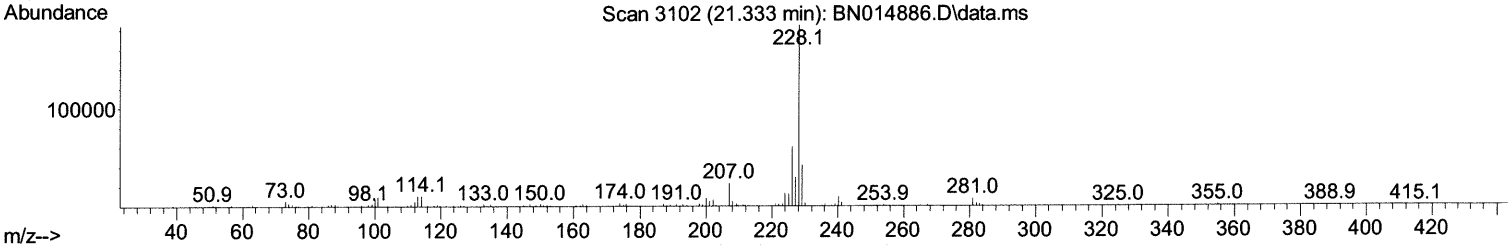
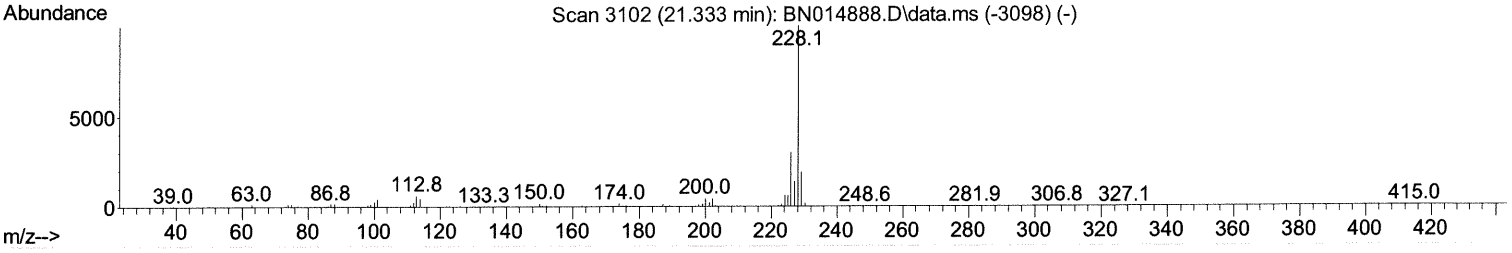
Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM







TIC: BN014886.D\data.ms

(87) Chrysene

21.333min (+ 0.000) 4.38 ng/ul m 06/15/21 JU

response 243413

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.70	32.85
229.00	18.50	22.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	100304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	398171	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.346	164	293229	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	696852	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	886255	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	969481	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3616m >	1.468	ng/uL >	0.00 06/15/21 JU
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.228	132	22853	3.757	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.846	128	11842	3.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	15402m >	4.777	ng/ul >	0.01 06/15/21 JU
28) 2,4-Dichlorophenol-d3	10.110	165	27341	3.719	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.757	166	110117	4.727	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	118879	4.413	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.340	176	90619	4.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.198	188	145459	4.468	ng/ul	0.00
81) Pyrene-d10	19.498	212	187313	4.482	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	227692	4.409	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	4896m >	1.693	ng/uL >	06/15/21 JU
12) 2-Chlorophenol	7.264	128	28864	4.534	ng/ul#	68
17) N-Nitroso-di-n-propyla...	8.493	70	21759	3.574	ng/ul#	83
19) Hexachloroethane	8.763	117	15822	4.964	ng/ul#	81
22) Nitrobenzene	8.893	77	34439	3.679	ng/ul#	97
23) Isophorone	9.405	82	64736	3.642	ng/ul#	97
25) 2-Nitrophenol	9.599	139	14315	4.178	ng/ul#	85
26) 2,4-Dimethylphenol	9.658	107	41003	3.888	ng/ul#	74
27) Bis(2-Chloroethoxy)met...	9.893	93	37415	3.464	ng/ul#	96
29) 2,4-Dichlorophenol	10.134	162	26225	3.720	ng/ul#	87
30) Naphthalene	10.528	128	95885	4.431	ng/ul	98
33) Hexachlorobutadiene	10.816	225	30115	4.777	ng/ul	98
35) 4-Chloro-3-methylphenol	11.781	107	33419m >	3.271	ng/ul >	06/15/21 JU
36) 2-Methylnaphthalene	12.146	142	69697	4.320	ng/ul	92
37) 1-Methylnaphthalene	12.369	142	71526	4.510	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	46815	4.223	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.769	196	24589	3.950	ng/ul#	80
42) 2,4,5-Trichlorophenol	12.846	196	29662m >	4.366	ng/ul >	06/15/21 JU
43) 1,1'-Biphenyl	13.175	154	97337	4.640	ng/ul#	97
44) 2-Chloronaphthalene	13.216	162	76932	4.577	ng/ul	88
45) 2-Nitroaniline	13.422	65	18470	3.608	ng/ul	89
47) Dimethylphthalate	13.804	163	100864	4.377	ng/ul	97
48) 2,6-Dinitrotoluene	13.922	165	18214	4.254	ng/ul#	84

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014886.D
Acq On : 12 Jun 2021 10:02
Operator : CG/JU
Sample : SSTD00551
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 01:50:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD005051

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:15 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.063	152	108947	4.399	ng/ul	96
52) Acenaphthene	14.410	153	77420	4.314	ng/ul	89
56) Dibenzofuran	14.746	168	119998	4.495	ng/ul	94
57) 2,4-Dinitrotoluene	14.710	165	27648	4.052	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.981	232	25359	3.628	ng/ul#	95
59) Diethylphthalate	15.175	149	103883	4.690	ng/ul	97
61) Fluorene	15.398	166	103482	5.152	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.398	204	53314	4.487	ng/ul#	73
67) N-Nitrosodiphenylamine	15.610	169	82506	4.396	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	36100	3.978	ng/ul#	78
69) Hexachlorobenzene	16.410	284	56665	4.992	ng/ul#	91
72) Phenanthrene	17.140	178	166369	4.569	ng/ul#	93
74) Anthracene	17.234	178	163179	4.447	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.140	216	49852	4.329	ng/uL#	86
76) Pentachlorobenzene	14.669	250	57739	4.848	ng/uL#	91
78) Di-n-butylphthalate	18.075	149	160343	4.400	ng/ul#	96
80) Fluoranthene	19.163	202	207808	4.217	ng/ul#	94
82) Pyrene	19.528	202	239158	4.720	ng/ul#	92
83) Butylbenzylphthalate	20.439	149	77460	4.549	ng/ul#	78
85) Benzo(a)anthracene	21.280	228	237251	4.295	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	116342	4.740	ng/ul#	89
87) Chrysene	21.333	228	243413m	4.375	ng/ul	96
90) Benzo(b)fluoranthene	22.875	252	262666	4.515	ng/ul	94
91) Benzo(k)fluoranthene	22.922	252	272750	4.705	ng/ul	98
93) Benzo(a)pyrene	23.457	252	243658	4.628	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	25.827	276	302548	4.194	ng/ul	99
95) Dibenzo(a,h)anthracene	25.845	278	257856	4.319	ng/ul	98
96) Benzo(g,h,i)perylene	26.521	276	266463	4.173	ng/ul#	95

06/15/21 JU

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