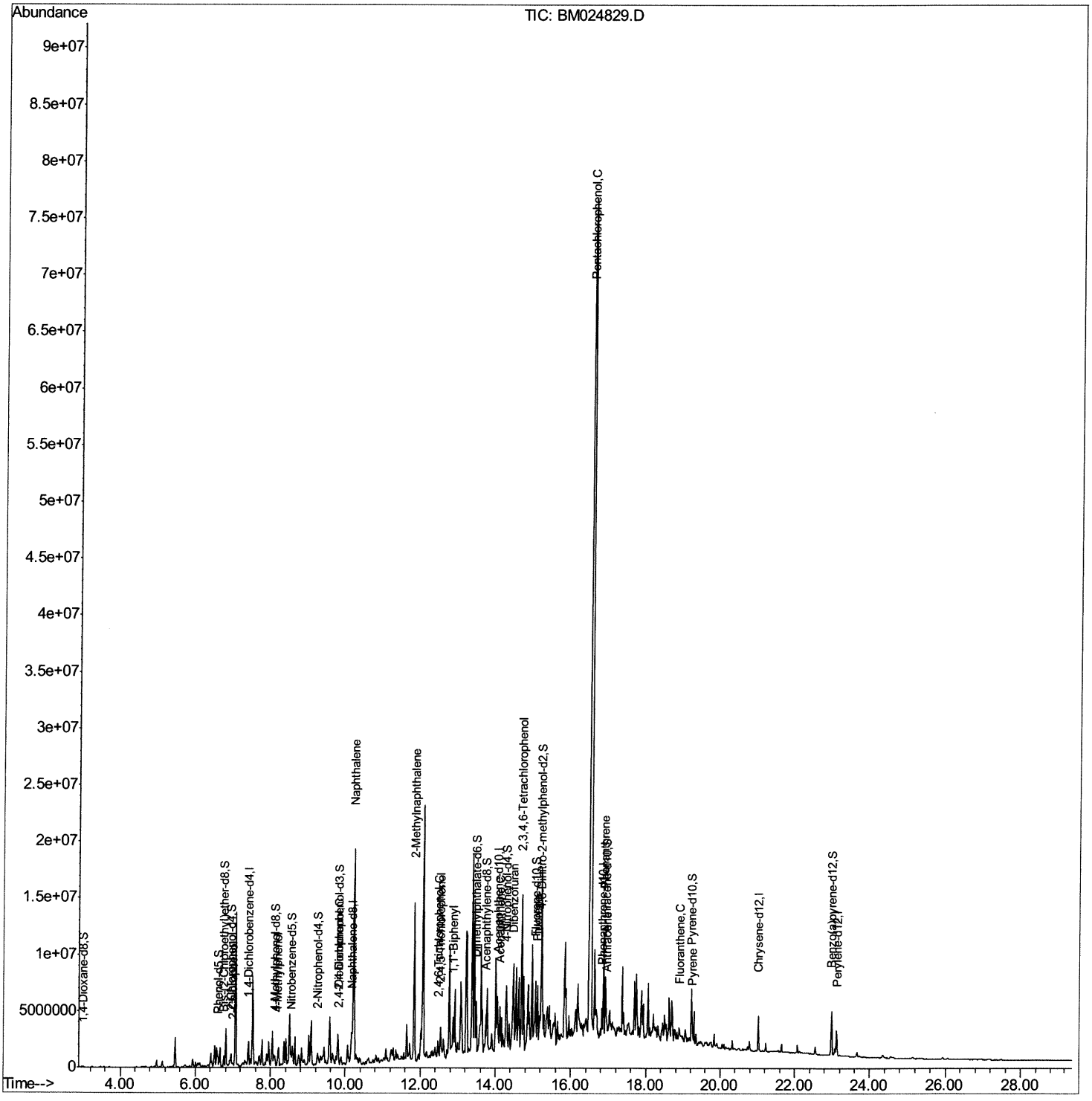
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 11 12:01:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 03:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5B30

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
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mohammad
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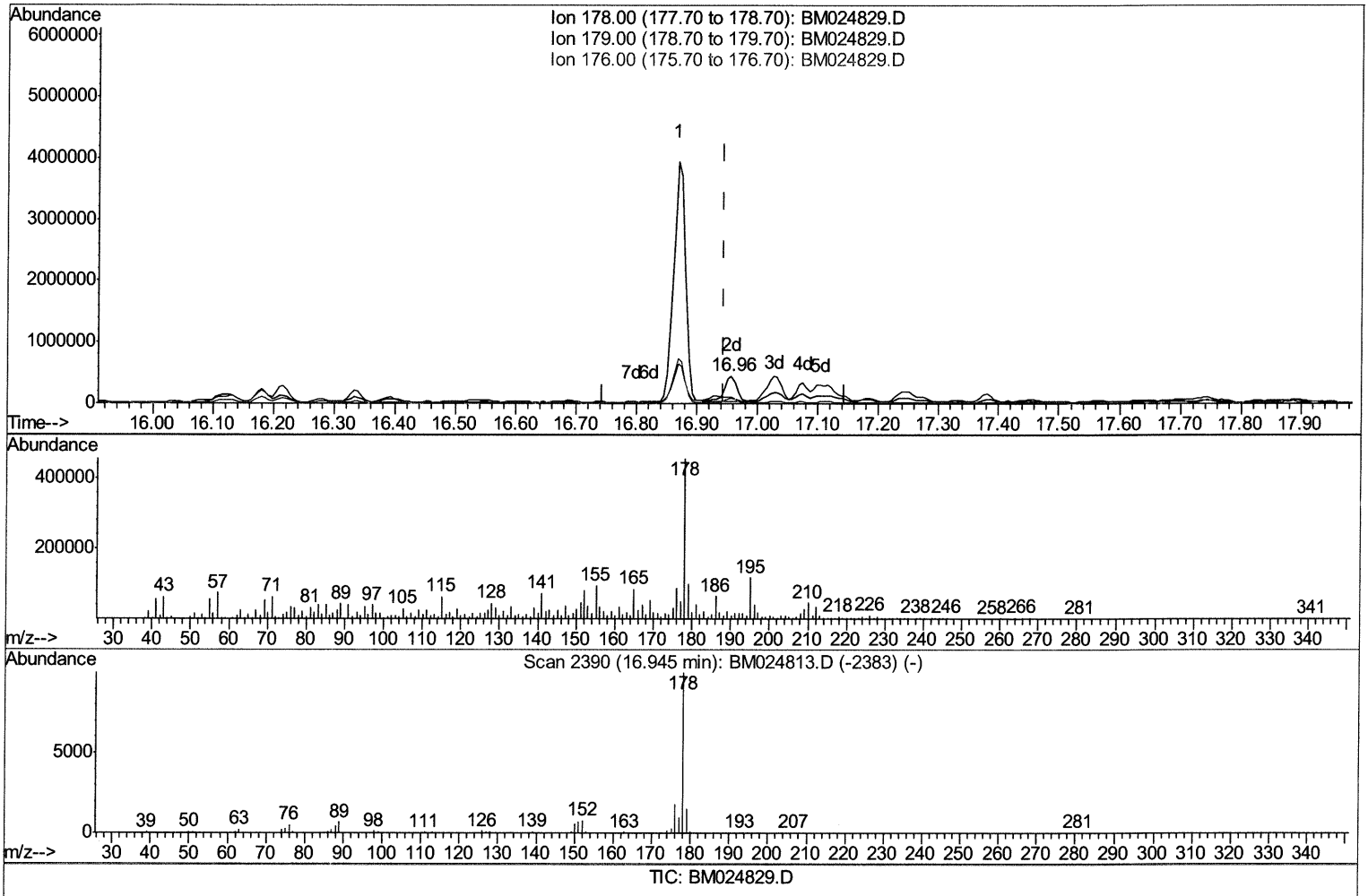

TIC: BM024829.D

(72) Anthracene

16.957min (+0.012) 7.83ng/ul m JU 02/13/20

response 608445

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	22.15#
176.00	17.60	19.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
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Misc :
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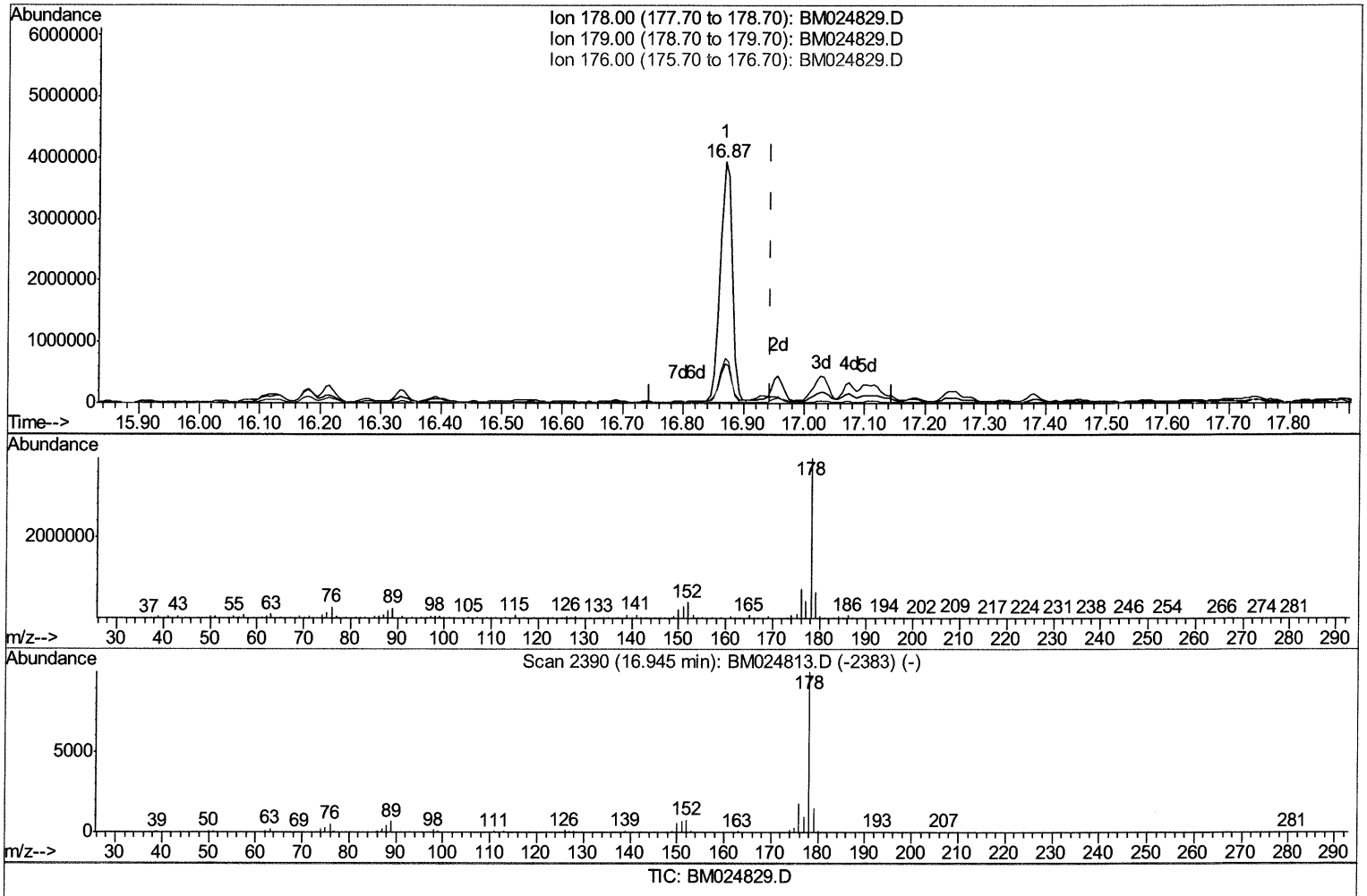
Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM



TIC: BM024829.D

(72) Anthracene

16.868min (-0.076) 69.40ng/ul

response 5389721

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.53
176.00	17.60	18.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 11 05:53:50 2020
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Instrument :
BNA_M
ClientSampleId :
C5B30

Manual Integrations APPROVED
mohammad
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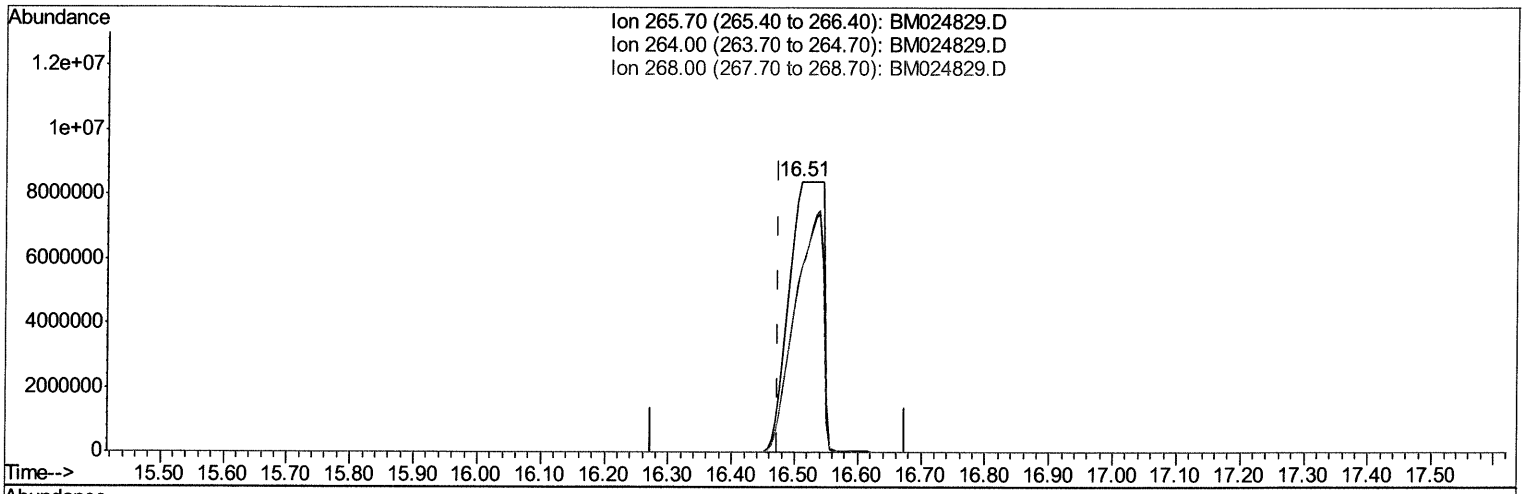

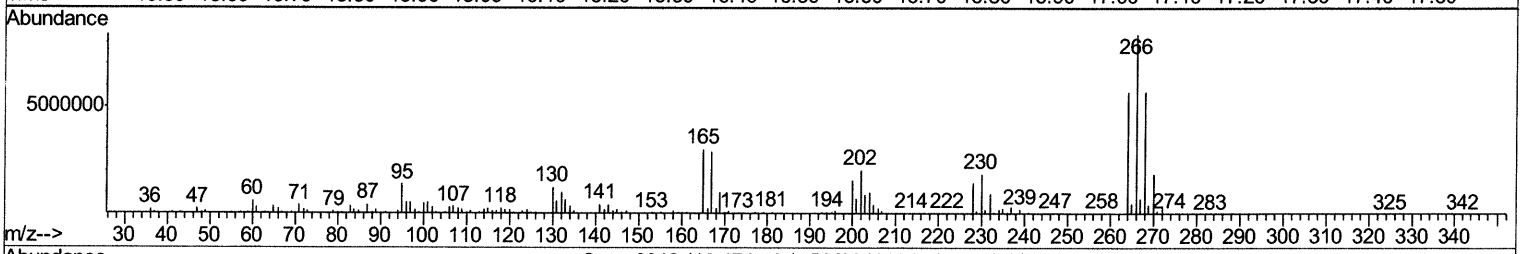

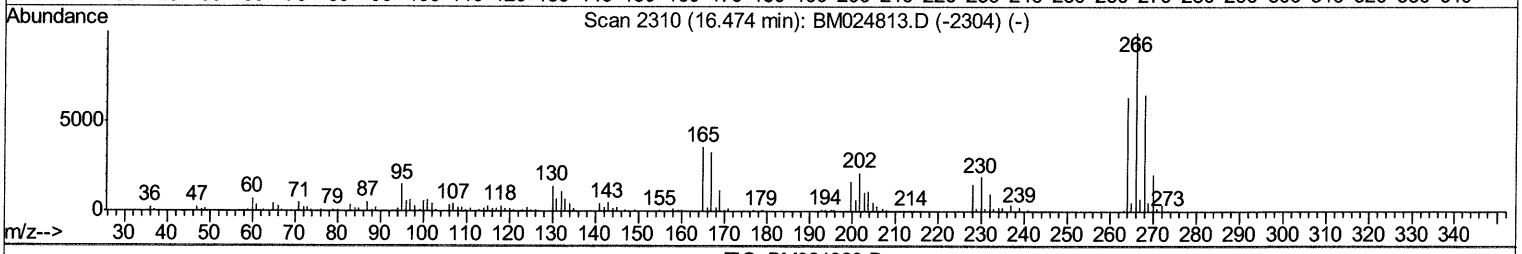

TIC: BM024829.D

(69) Pentachlorophenol (C)

16.510min (+0.035) 2591.69ng/ul m JG 02/13/20

response 32254060

Ion	Exp%	Act%
265.70	100	100
264.00	62.50	67.83
268.00	63.00	67.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 11 05:53:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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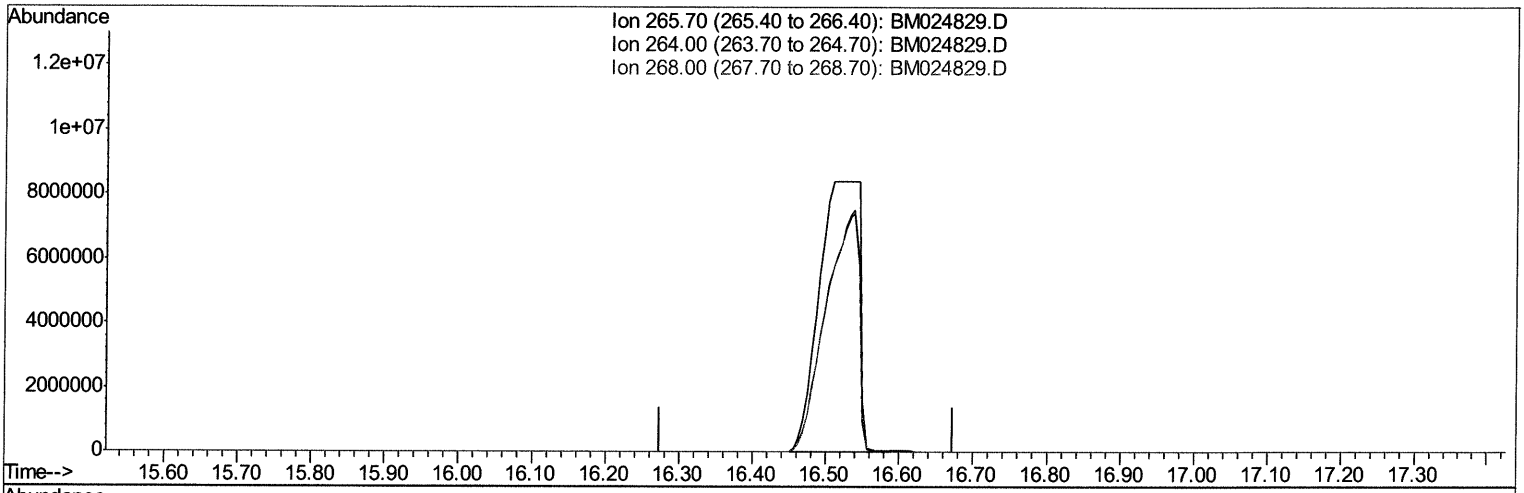
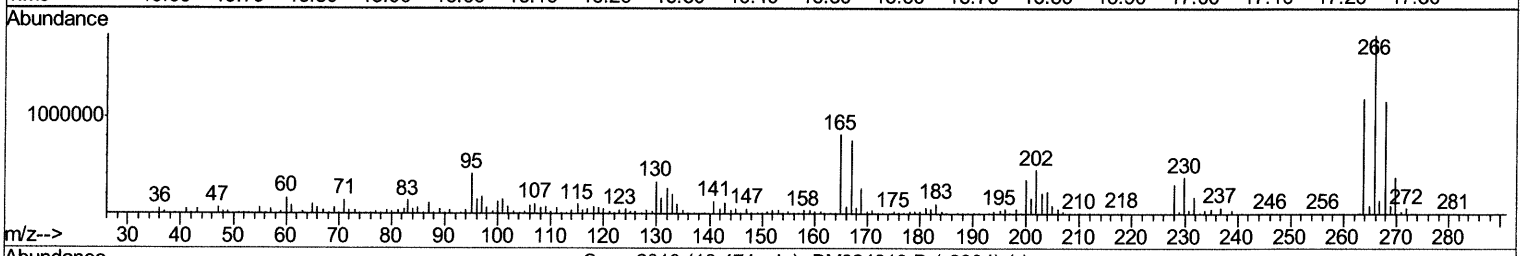
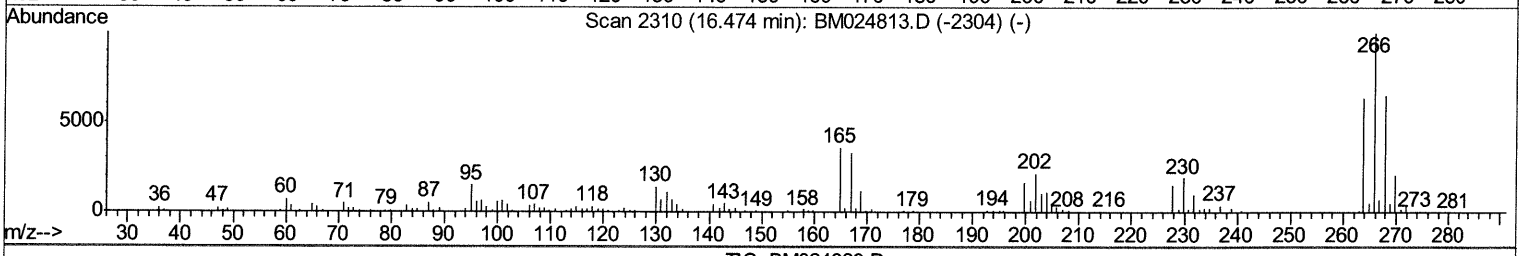
Instrument :
BNA_M
ClientSampleId :
C5B30

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM







TIC: BM024829.D

(69) Pentachlorophenol (C)

16.474min (-16.474) 0.00ng/ul

response 0

Ion	Exp%	Act%
265.70	100	0.00
264.00	62.50	0.00#
268.00	63.00	0.00#
0.00	0.00	0.00

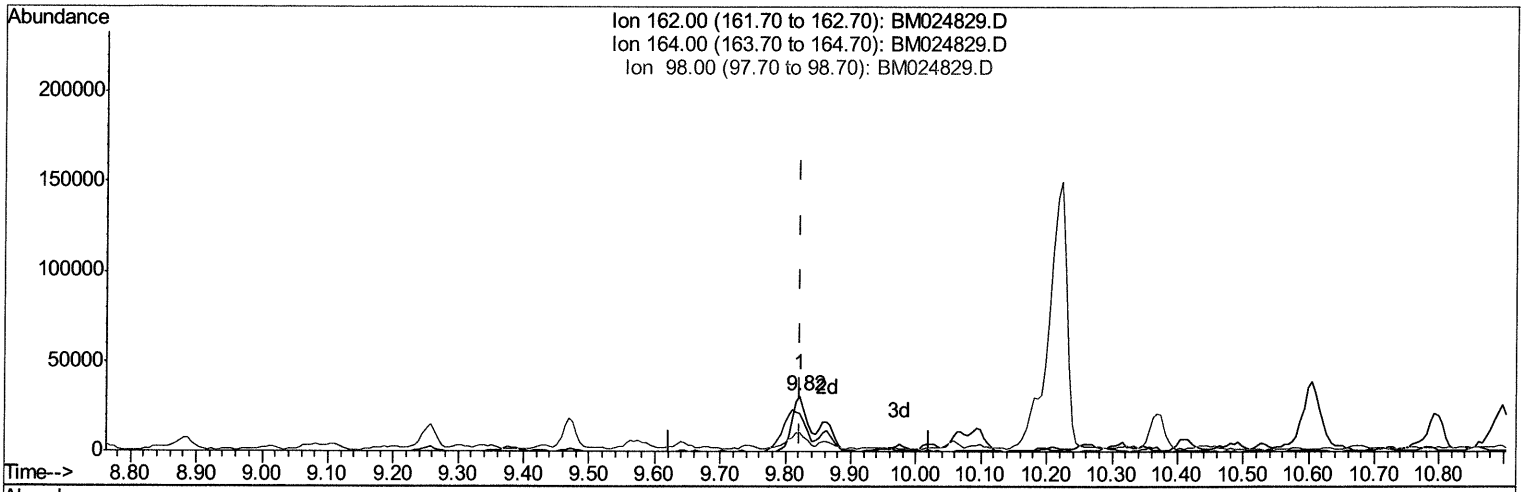
Quantitation Report (Qedit)

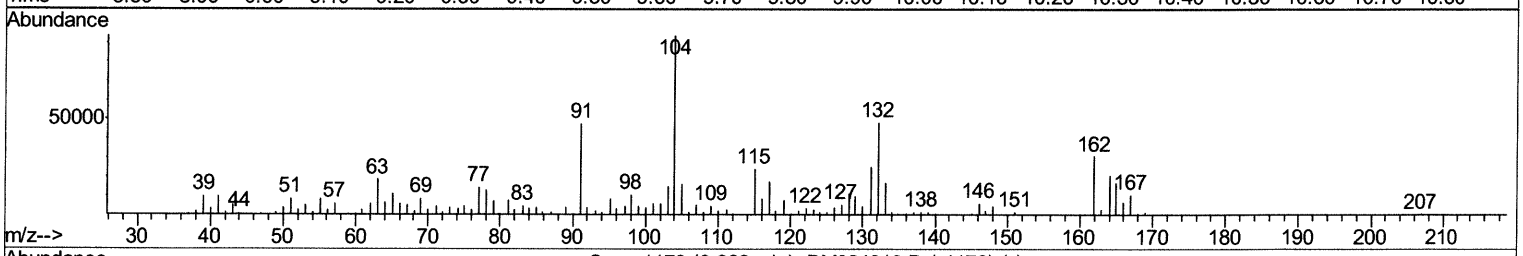
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

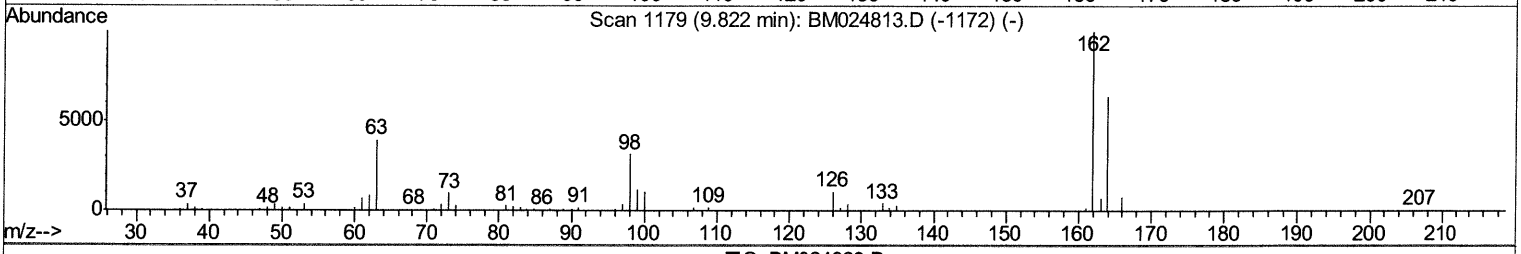
Quant Time: Feb 11 05:53:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 03:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5B30

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM







TIC: BM024829.D

(27) 2,4-Dichlorophenol (C)

9.822min (+0.000) 4.34ng/ul m JU 02/13/20

response 77262

Ion	Exp%	Act%
162.00	100	100
164.00	65.80	68.45
98.00	29.90	34.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 11 05:53:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 03:46:48 2020
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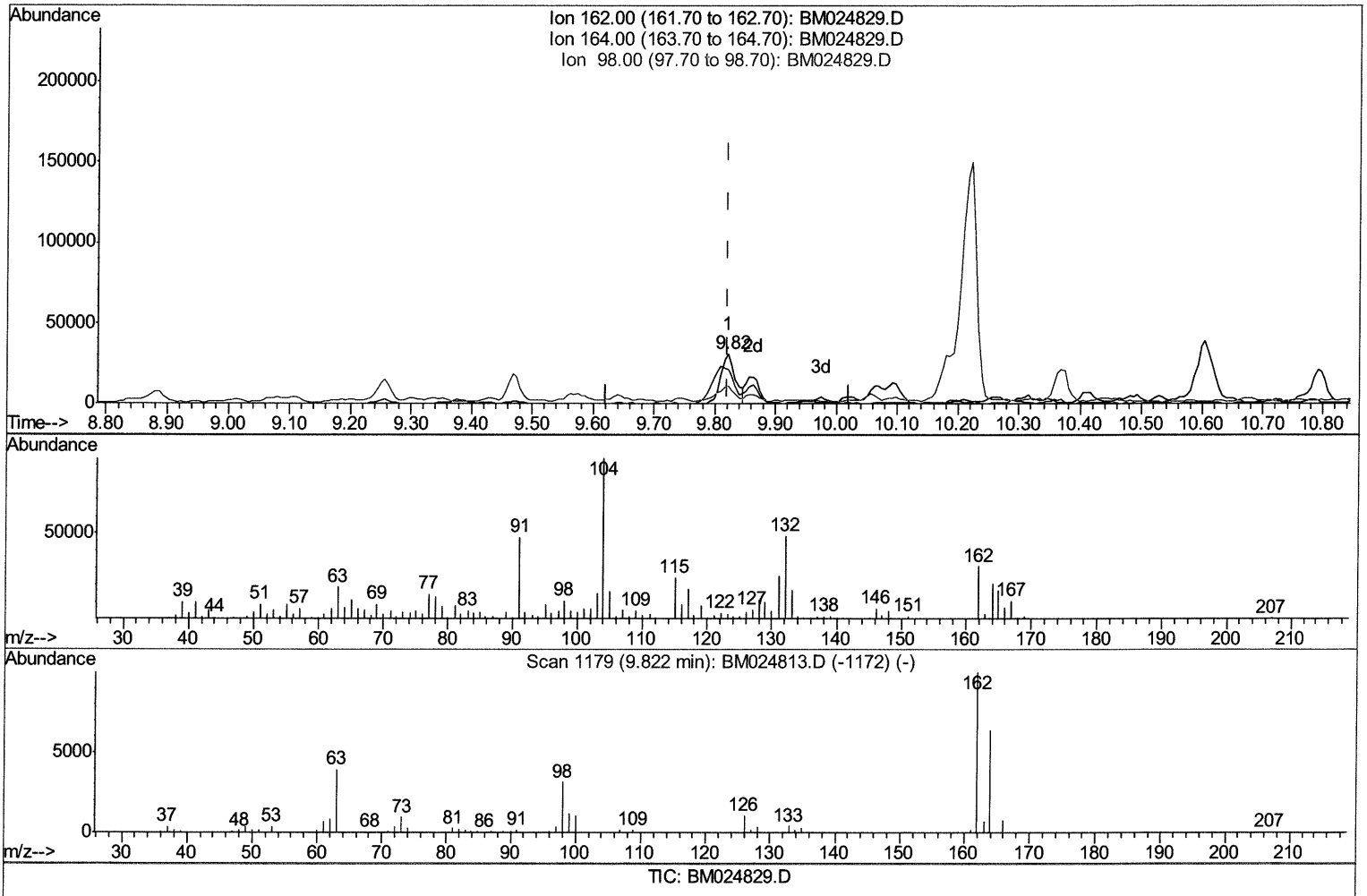
Instrument :
BNA_M
ClientSampleId :
C5B30

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM



TIC: BM024829.D

(27) 2,4-Dichlorophenol (C)

9.822min (+0.000) 2.90ng/ul

response 51551

Ion	Exp%	Act%
162.00	100	100
164.00	65.80	68.45
98.00	29.90	34.92
0.00	0.00	0.00

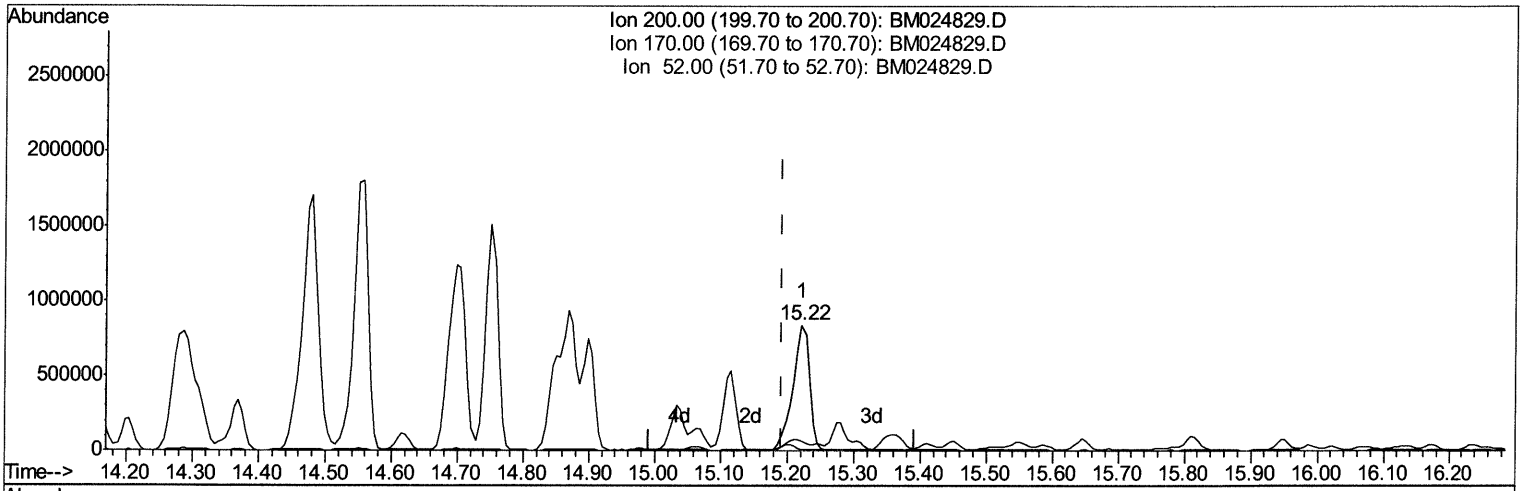
Quantitation Report (Qedit)

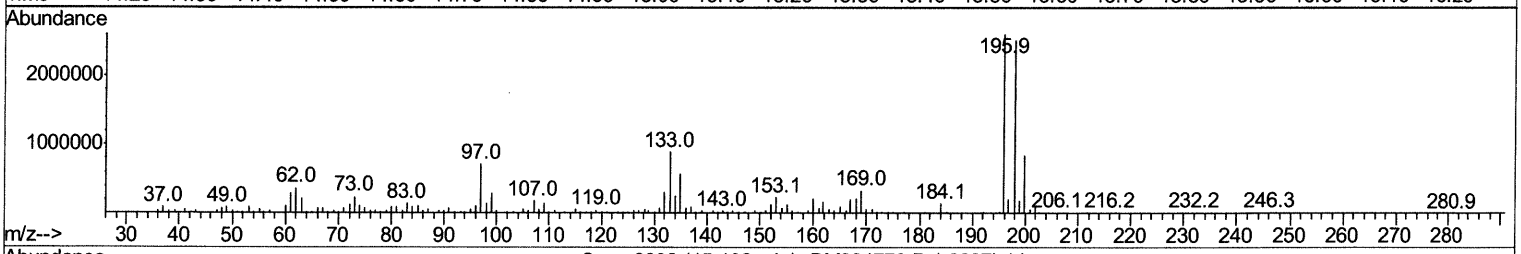
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

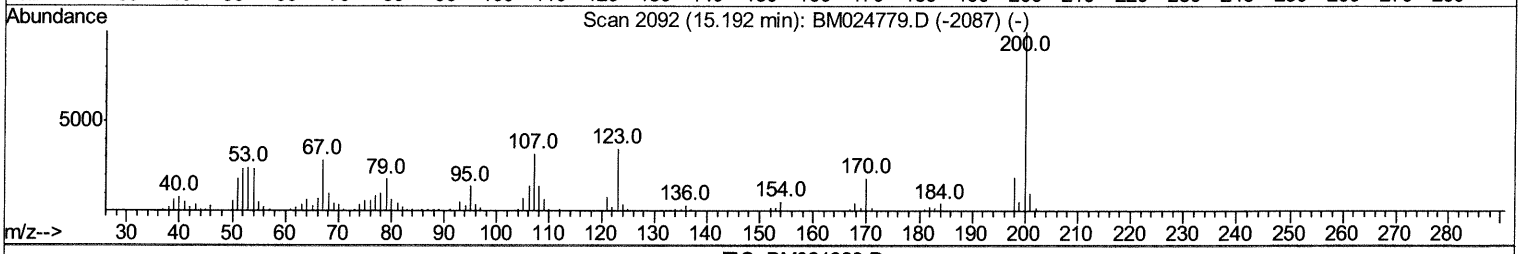
Quant Time: Feb 11 06:03:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 03:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5B30

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM







TIC: BM024829.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.221min (+0.029) 156.96ng/ul

response 1436952

Ion	Exp%	Act%
200.00	100	100
170.00	18.90	7.47#
52.00	26.80	1.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021020\
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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 11 06:03:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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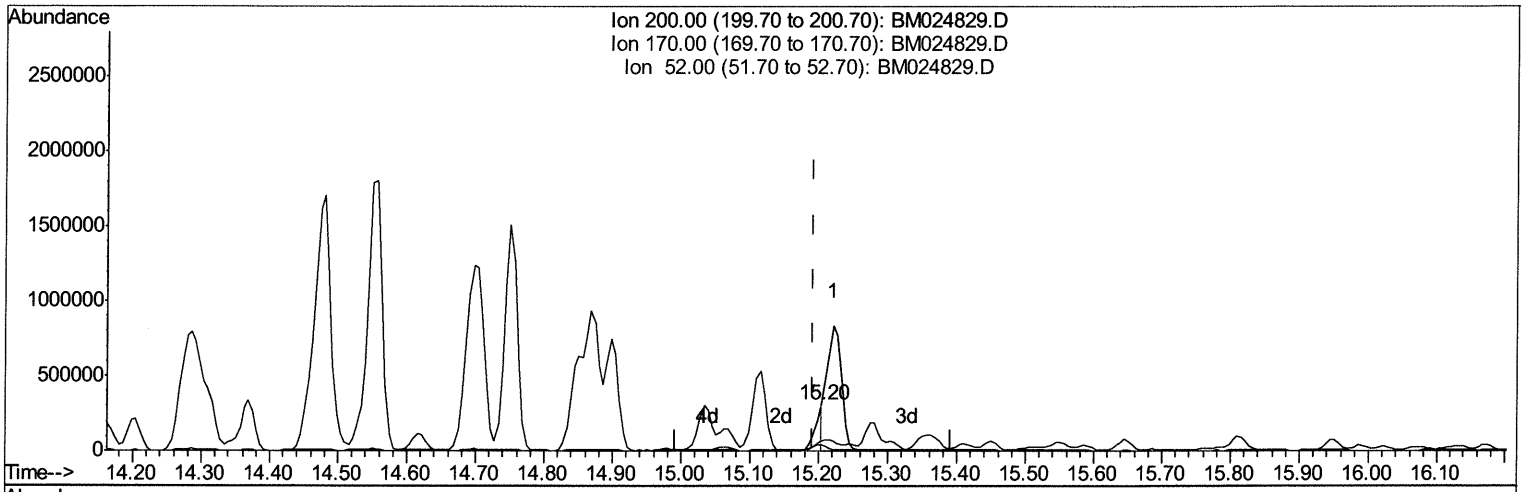
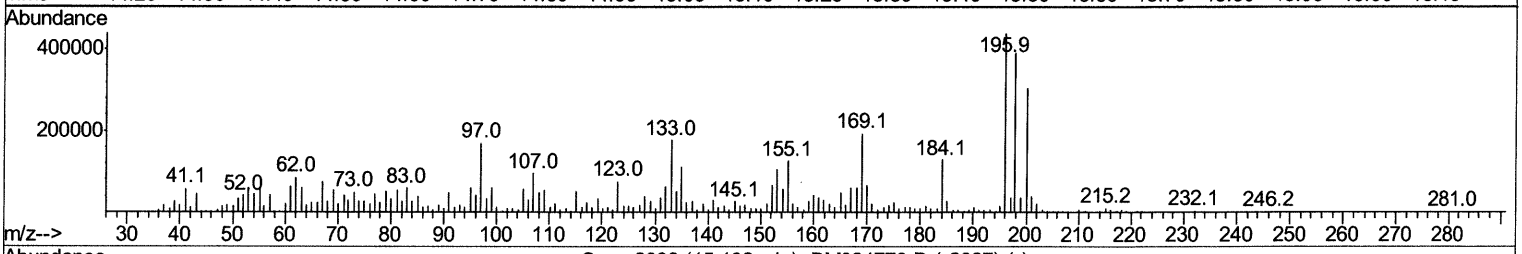
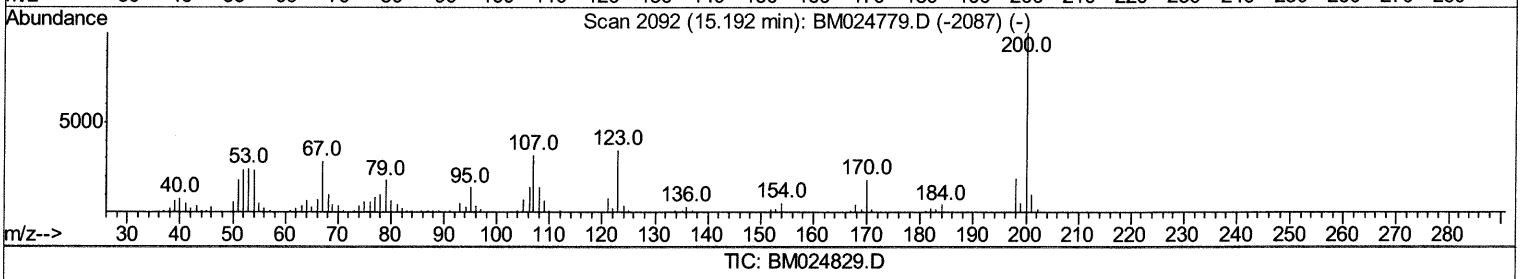
Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM







TIC: BM024829.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.204min (+0.012) 25.60ng/ul m JU 02/13/20

response 234406

Ion	Exp%	Act%
200.00	100	100
170.00	18.90	22.23
52.00	26.80	13.67#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
mohammad
2/13/2020 10:29:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.40	152	273433	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.16	136	1044750	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.06	164	737068	20.00	ng/ul	0.00	
62) Phenanthrene-d10	16.83	188	1404459	20.00	ng/ul	0.02	
78) Chrysene-d12	21.02	240	1439870	20.00	ng/ul	0.00	
86) Perylene-d12	23.12	264	1545792	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.01	96	28995	5.10	ng/uL	0.00	
5) Phenol-d5	6.60	99	151036	8.32	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.75	67	339481	33.09	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.95	132	447569	27.50	ng/ul	0.00	
13) 4-Methylphenol-d8	8.12	113	291963	19.05	ng/ul	0.00	
19) Nitrobenzene-d5	8.54	128	299649	39.66	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.26	143	312617	35.02	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.79	165	536258	29.78	ng/ul	0.00	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul		
44) Dimethylphthalate-d6	13.49	166	1741148	31.29	ng/ul	0.00	
47) Acenaphthylene-d8	13.75	160	2092900	32.21	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.29	143	94926	10.50	ng/ul	0.00	
58) Fluorene-d10	15.06	176	1563061	31.73	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.20	200	234406m >	25.60	ng/ul >	0.01	JU 02/13/20
71) Anthracene-d10	16.92	188	2348709	36.63	ng/ul	0.01	
79) Pyrene-d10	19.22	212	2541553	35.29	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.99	264	2816744	36.28	ng/ul	0.00	
Target Compounds						Qvalue	
10) 2-Chlorophenol	6.97	128	16949	1.022	ng/ul	91	
16) 4-Methylphenol	8.18	108	22641	1.413	ng/ul	97	
27) 2,4-Dichlorophenol	9.82	162	77262m >	4.344	ng/ul >		JU 02/13/20
28) Naphthalene	10.22	128	15170768	284.201	ng/ul	98	
34) 2-Methylnaphthalene	11.85	142	6925896	176.137	ng/ul	100	
39) 2,4,6-Trichlorophenol	12.47	196	49516	3.086	ng/ul	98	
40) 2,4,5-Trichlorophenol	12.54	196	714757	42.625	ng/ul	100	
41) 1,1'-Biphenyl	12.88	154	1583559	29.103	ng/ul	98	
50) Acenaphthene	14.12	153	794912	17.489	ng/ul	96	
54) Dibenzofuran	14.46	168	803645	11.862	ng/ul#	82	
56) 2,3,4,6-Tetrachlorophenol	14.71	232	1782998	108.817	ng/ul#	98	
59) Fluorene	15.12	166	1292276	23.143	ng/ul#	93	
69) Pentachlorophenol	16.51	266	32254060m >	2591.687	ng/ul >		JU 02/13/20
70) Phenanthrene	16.87	178	5389721	70.382	ng/ul	98	
72) Anthracene	16.96	178	608445m >	7.834	ng/ul >		JU 02/13/20
77) Fluoranthene	18.89	202	440894	4.690	ng/ul#	94	
80) Pyrene	19.25	202	699345	7.338	ng/ul	99	

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