

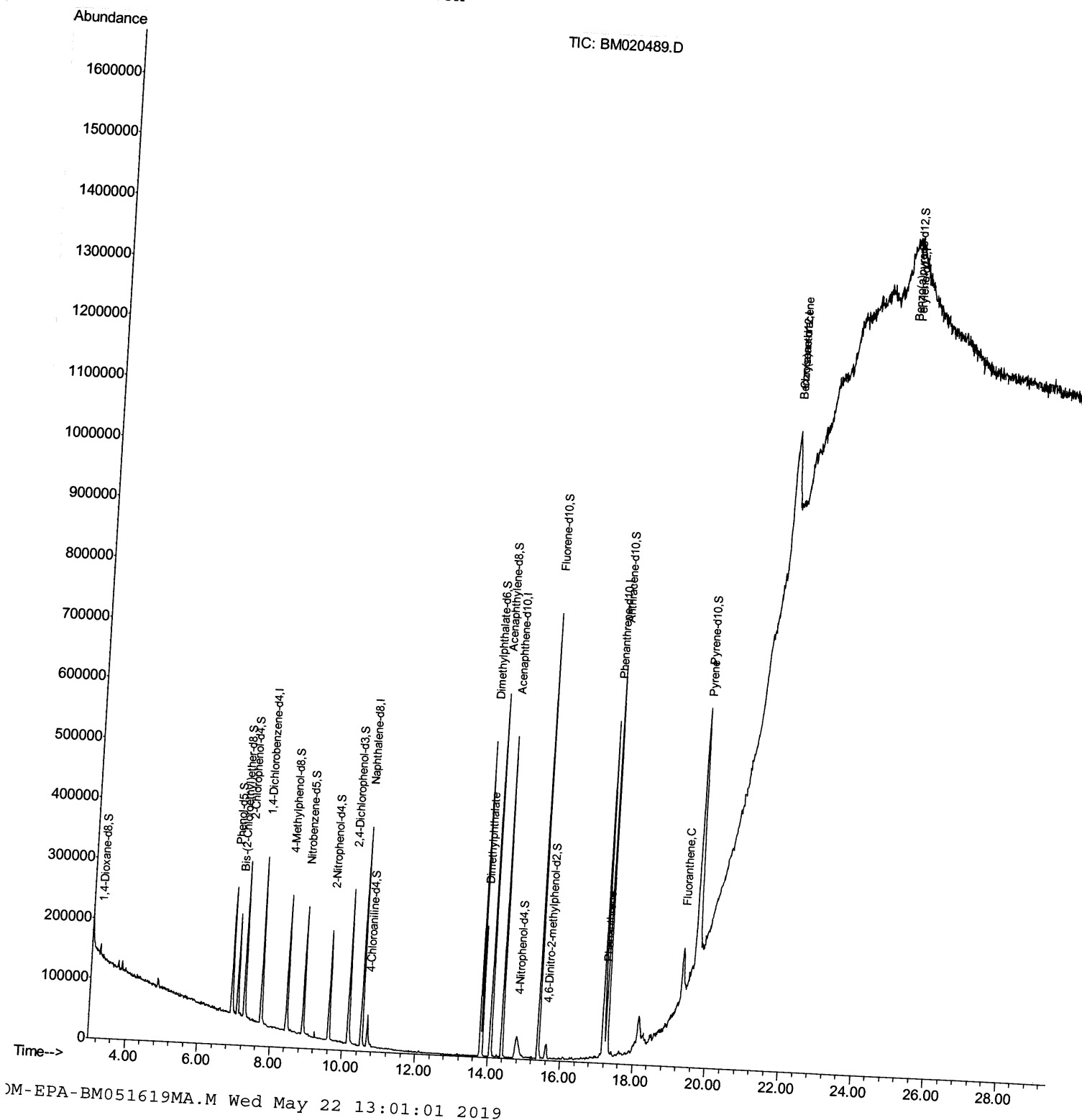
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
Data File : BM020489.D
Acq On : 22 May 2019 08:55
Operator : JU/SJ
Sample : K2923-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4259

Manual Integrations
APPROVED

mohammad
5/23/2019 8:44:03 AM

Quant Time: May 22 13:06:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

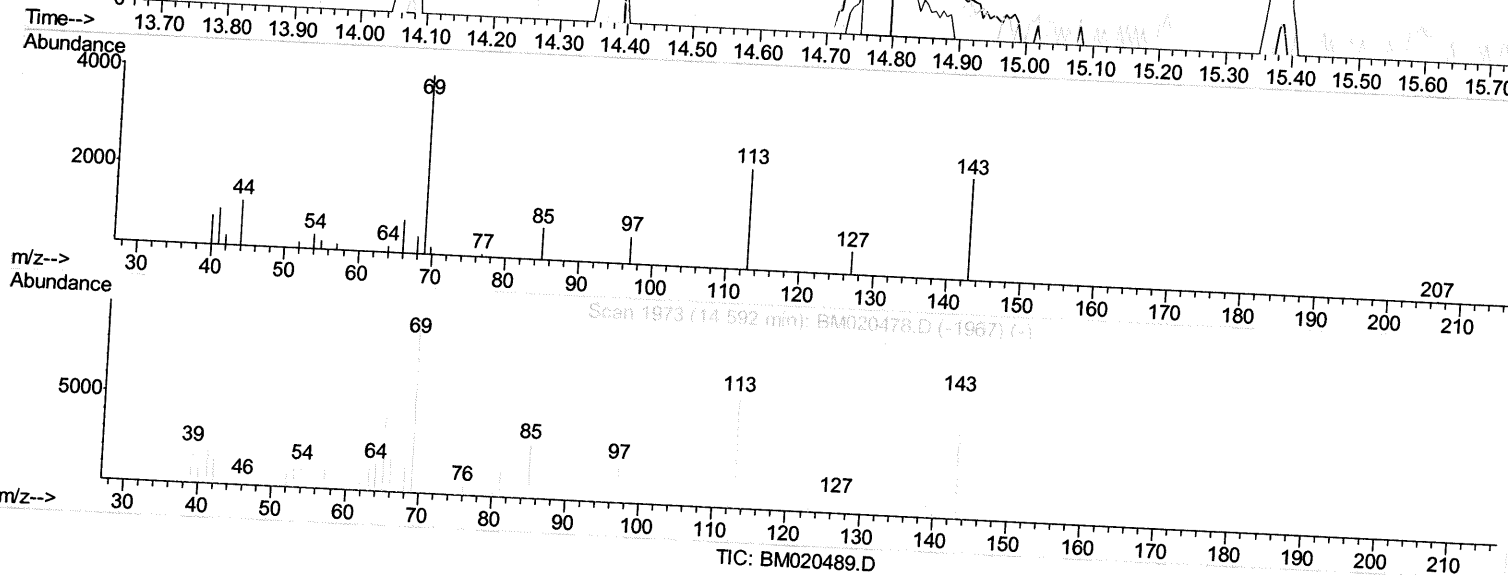
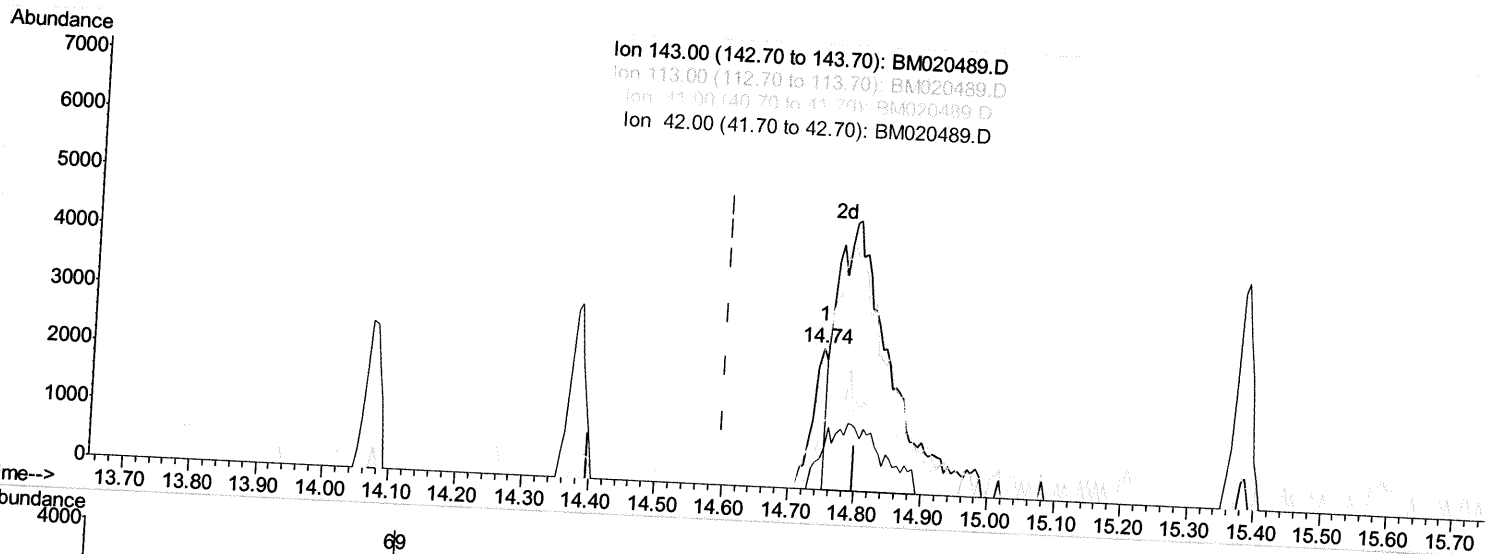
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Manual Integrations
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mohammad
 5/23/2019 8:44:03 AM

Quant Time: May 22 12:41:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
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(51) 4-Nitrophenol-d4 (S)

14.745min (+0.147) 1.81ng/ul

response 3370

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	99.09
41.00	31.70	44.09#
42.00	21.50	21.71

Quantitation Report (Qedit)

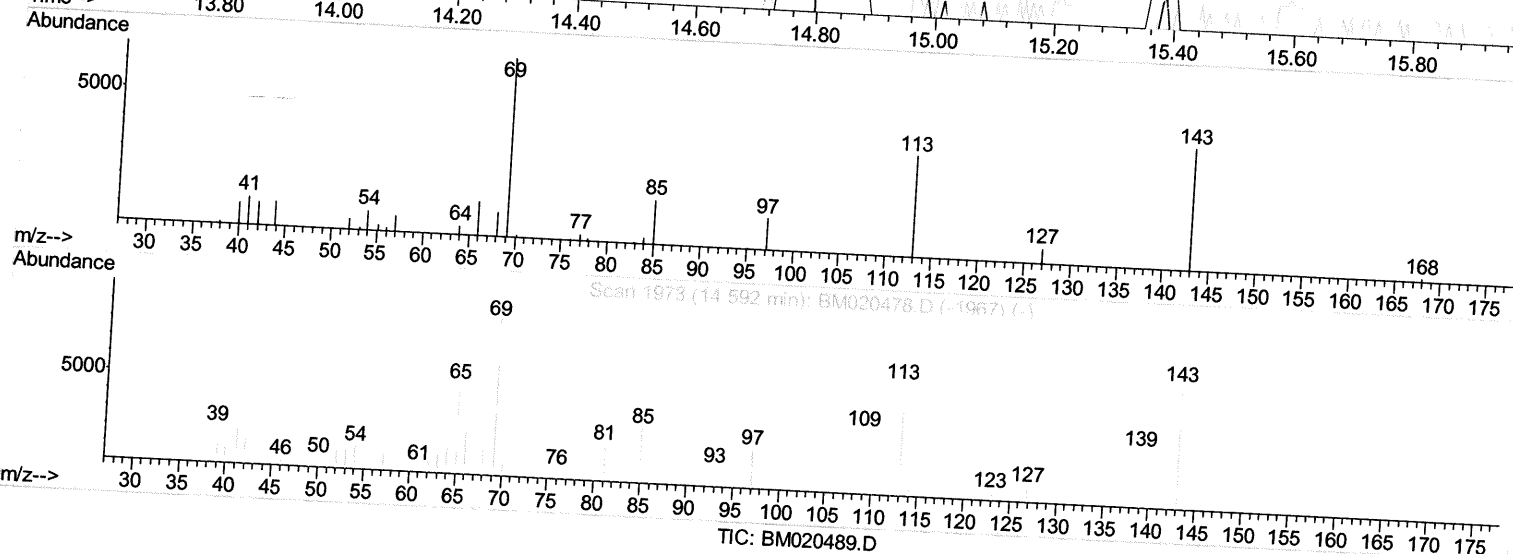
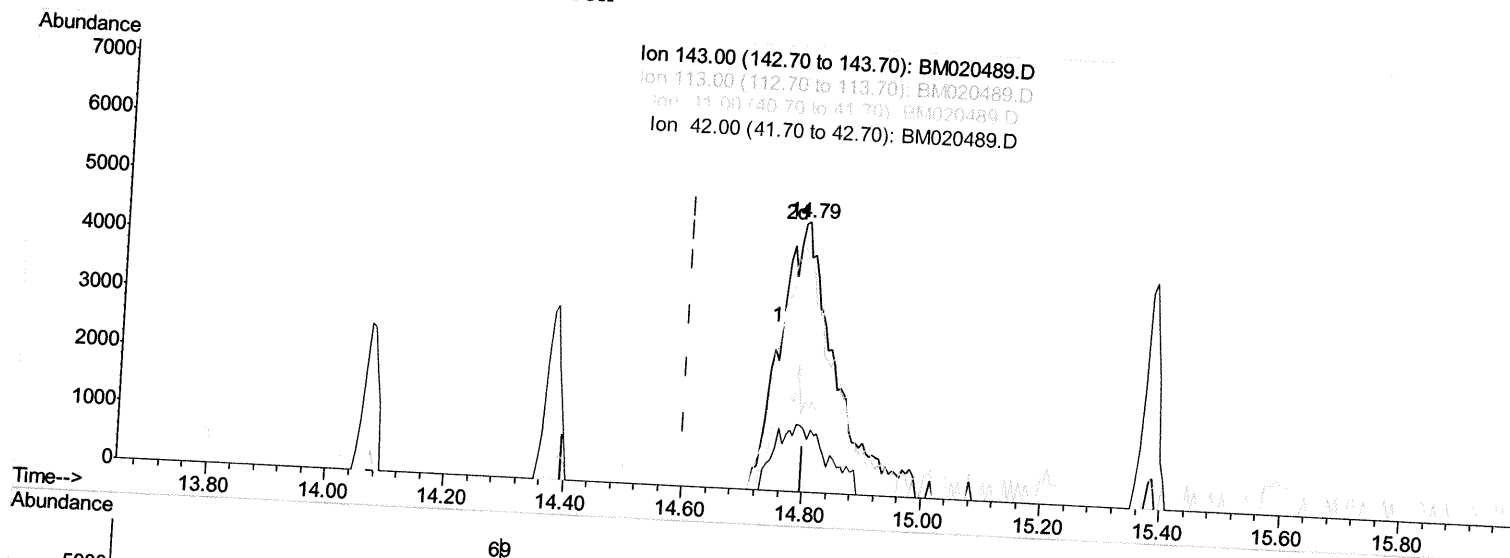
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020489.D
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 Misc :
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(51) 4-Nitrophenol-d4 (S)

14.792min (+0.194) 16.04ng/ul m *50* *25/24/19*

response 29827

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	83.96
41.00	31.70	28.70
42.00	21.50	24.64

Quantitation Report (Qedit)

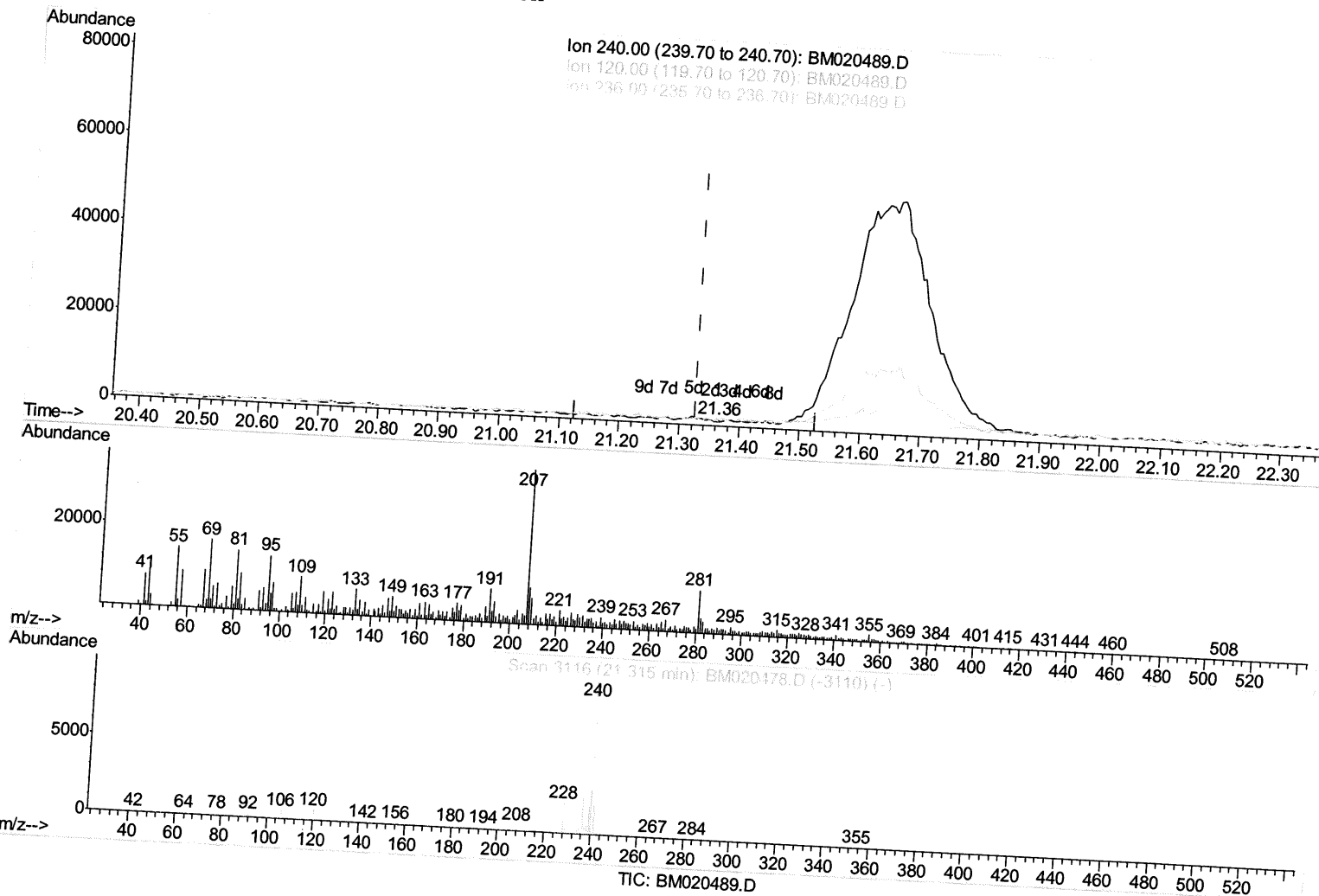
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
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(77) Chrysene-d12 (I)

21.362min (+0.035) 20.00ng/ul

response 202

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	73.13#
236.00	25.40	104.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

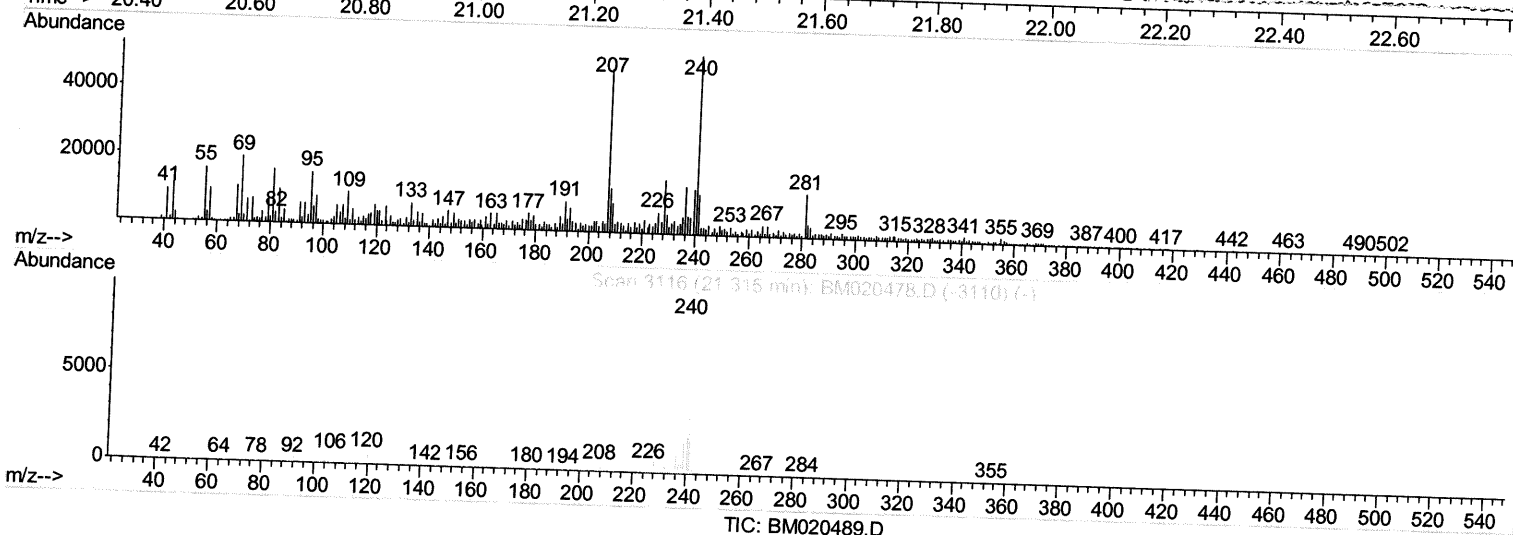
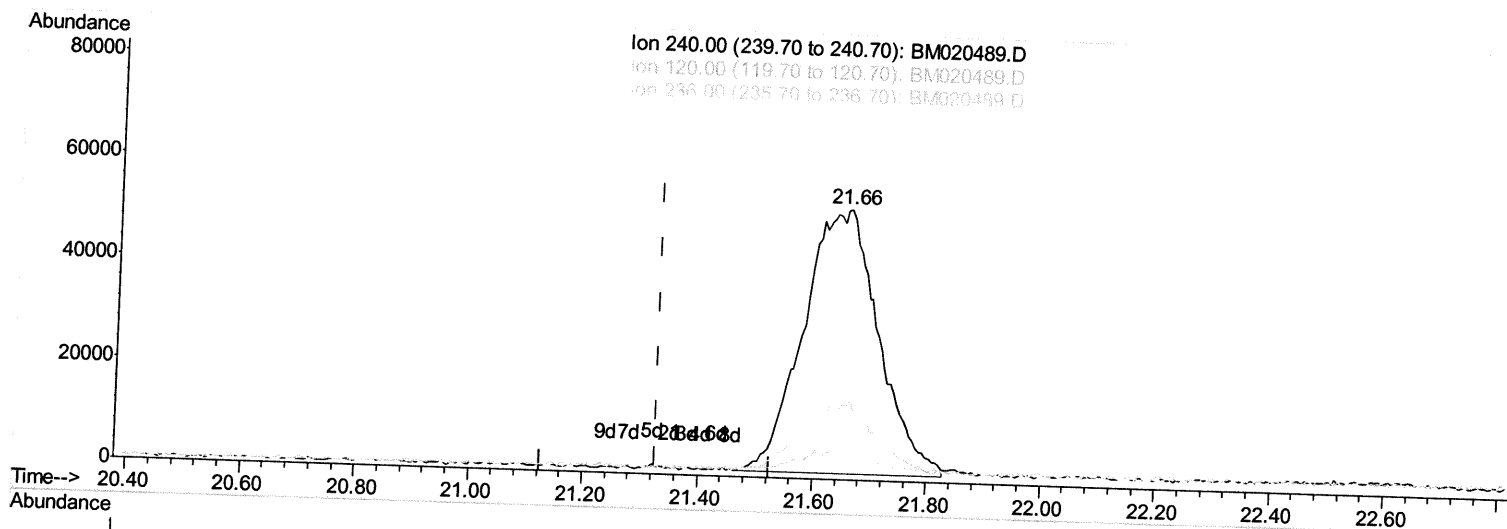
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 Response via : Initial Calibration



(77) Chrysene-d12 (I)

21.656min (+0.329) 20.00ng/ul m *Ju* *05/22/19*

response 471917

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	8.74#
236.00	25.40	27.40
0.00	0.00	0.00

Quantitation Report (Qedit)

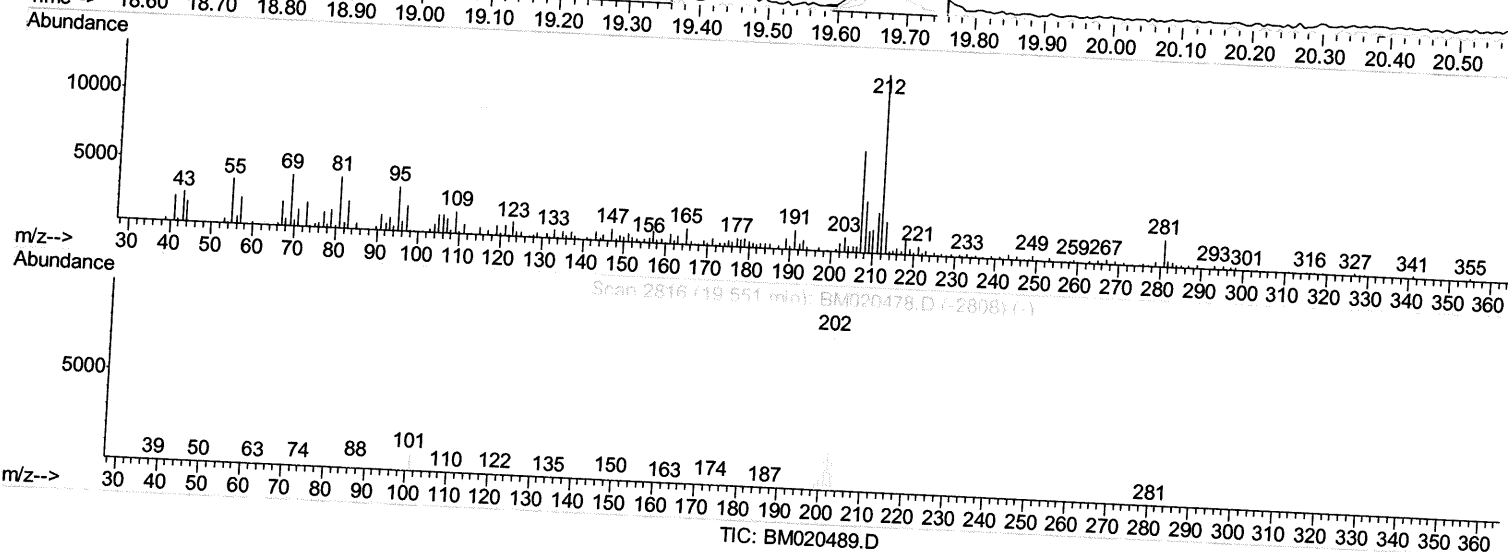
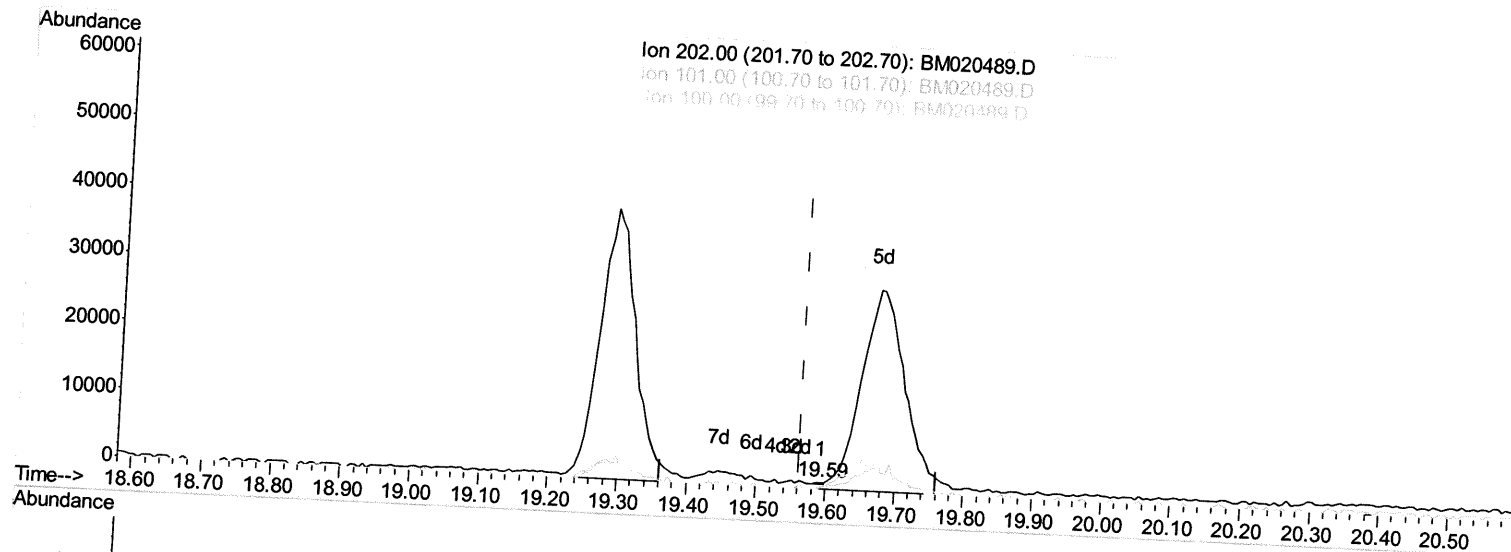
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
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 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampled :
 A4259

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:03 AM

Quant Time: May 22 13:02:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(79) Pyrene

19.592min (+0.029) 0.01ng/ul

response 221

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	39.92#
100.00	7.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

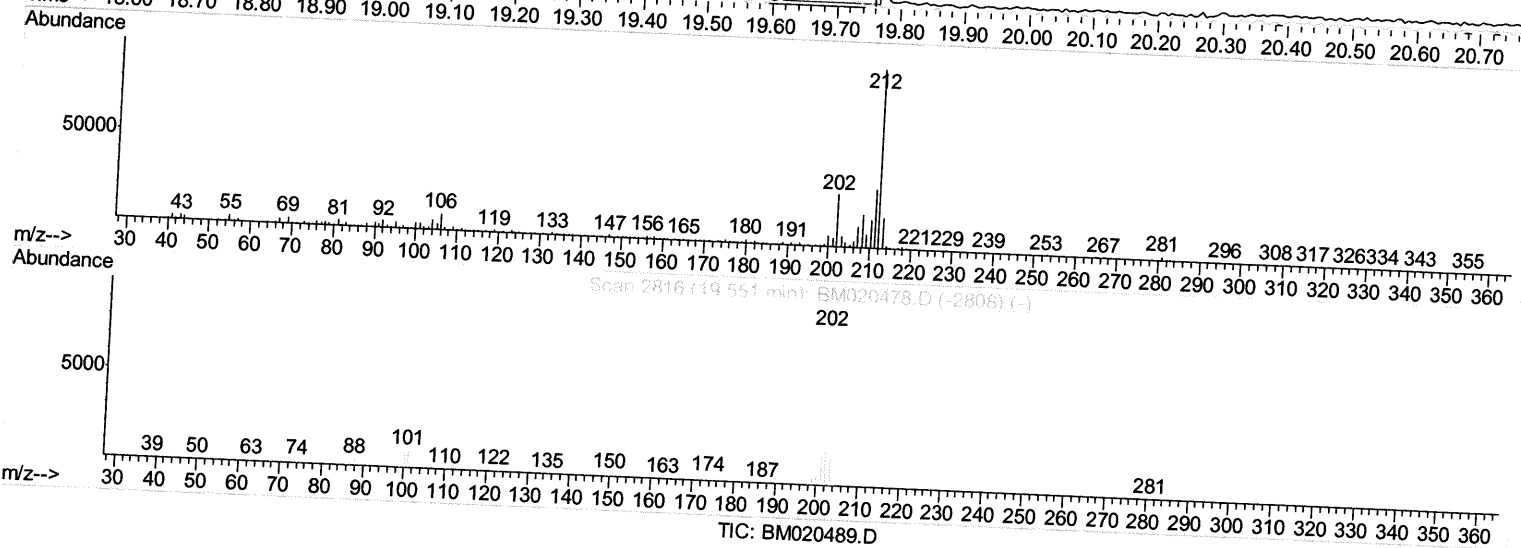
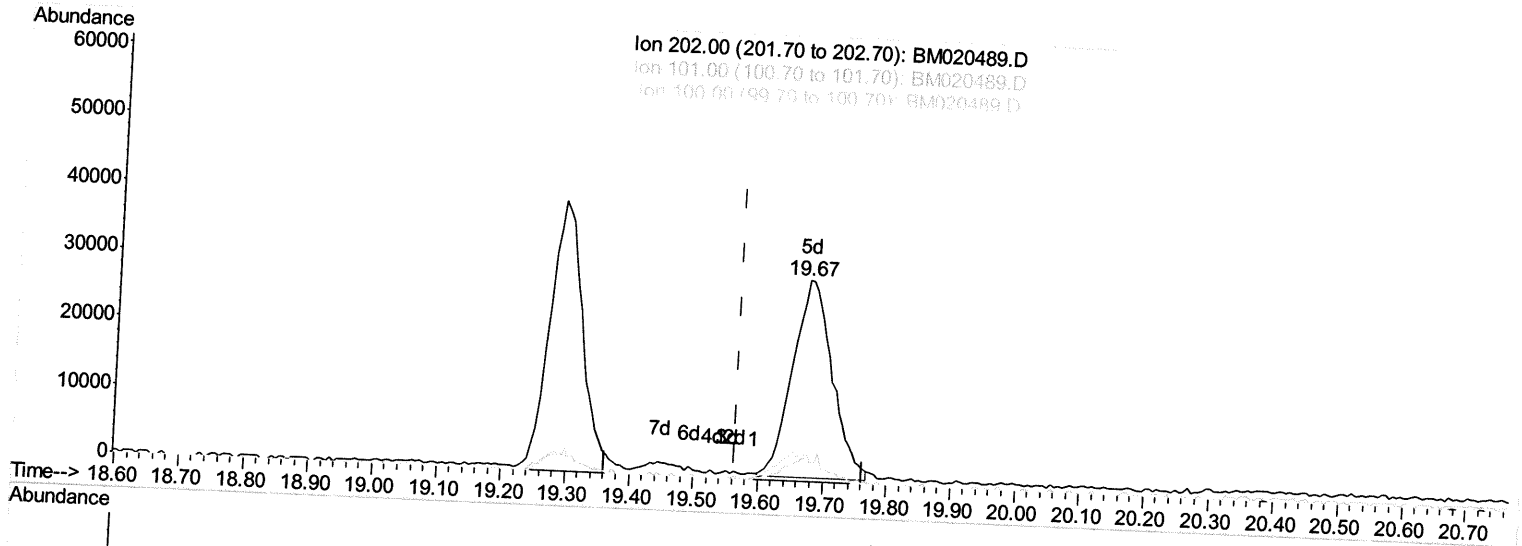
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020489.D
 Acq On : 22 May 2019 08:55
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(79) Pyrene

19.668min (+0.106) 4.37ng/ul m *JU 05/24/19*

response 123742

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	11.91#
100.00	7.40	13.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

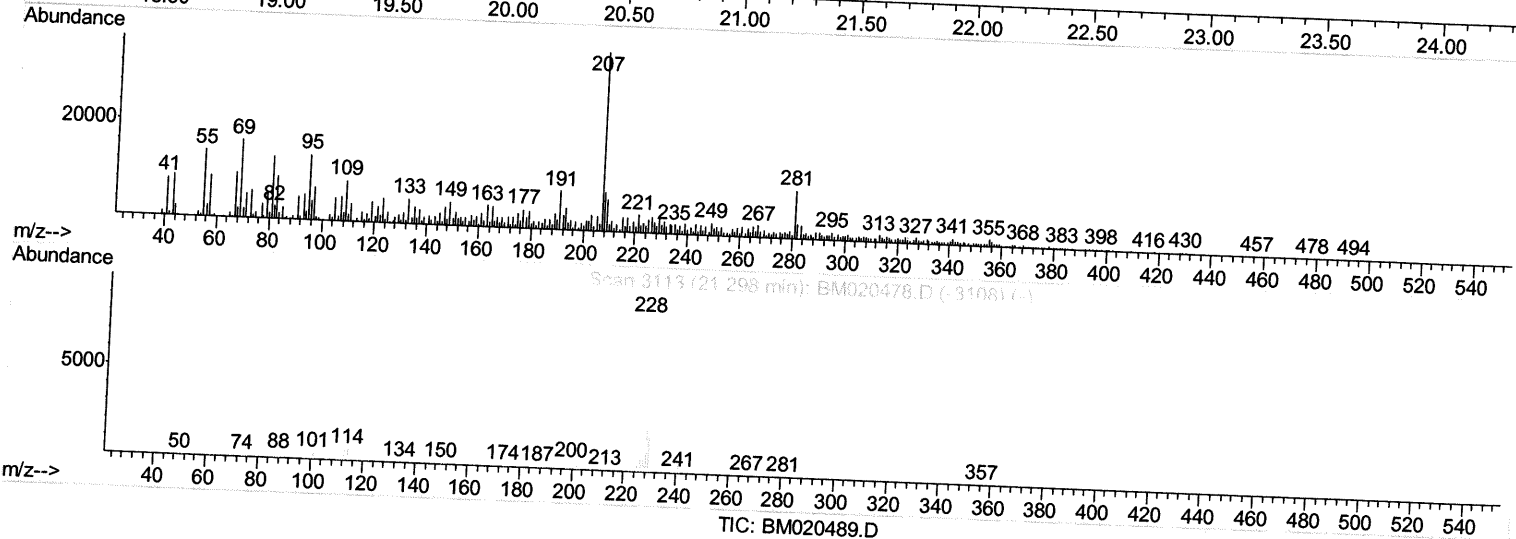
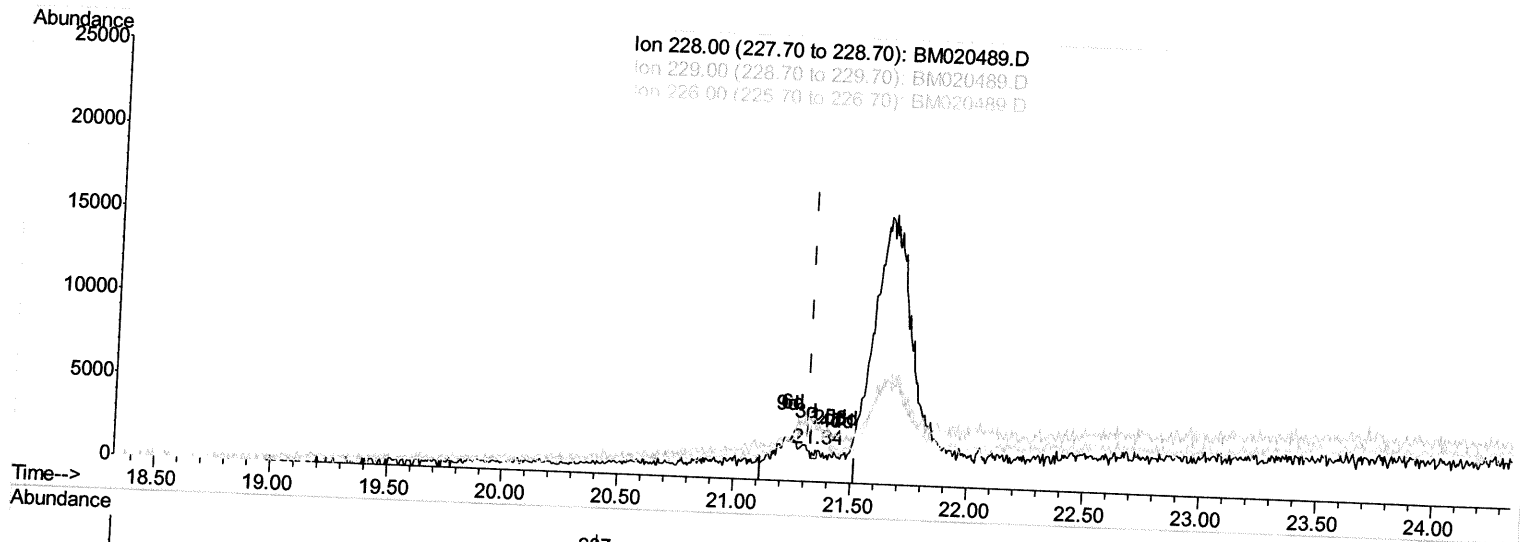
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020489.D
 Acq On : 22 May 2019 08:55
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: May 22 13:02:47 2019
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 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.345min (+0.029) 0.02ng/ul

response 523

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	188.69#
226.00	25.70	186.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

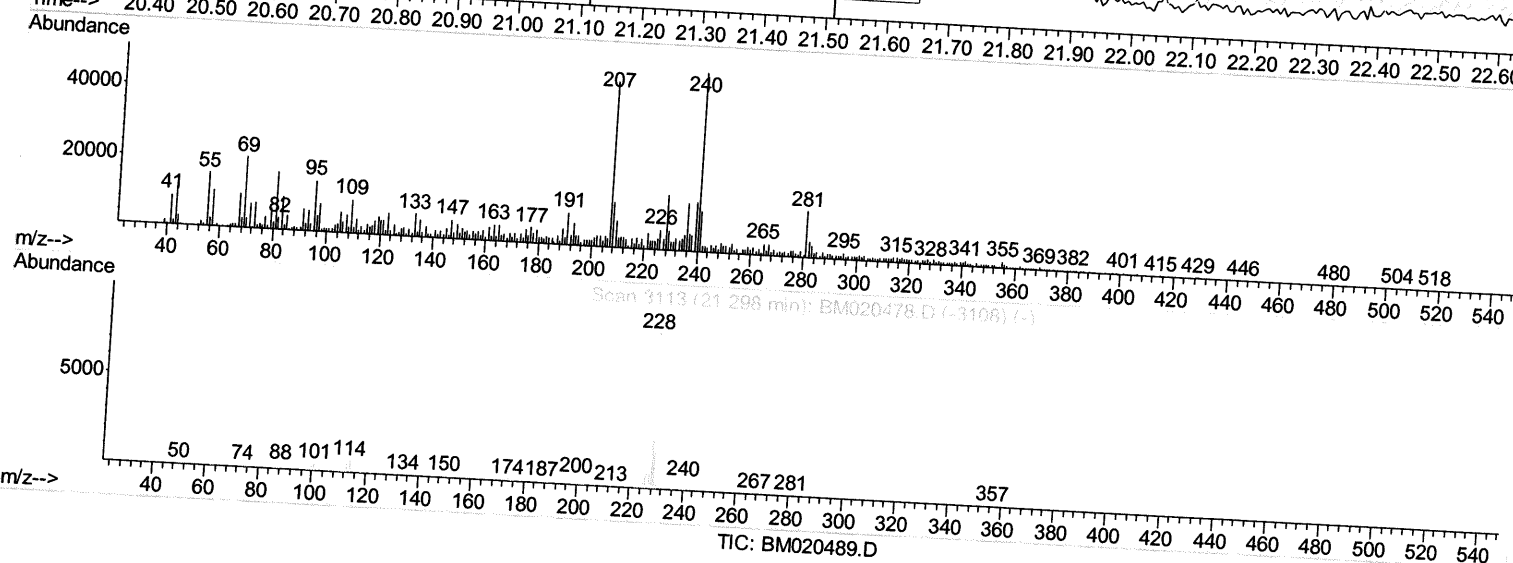
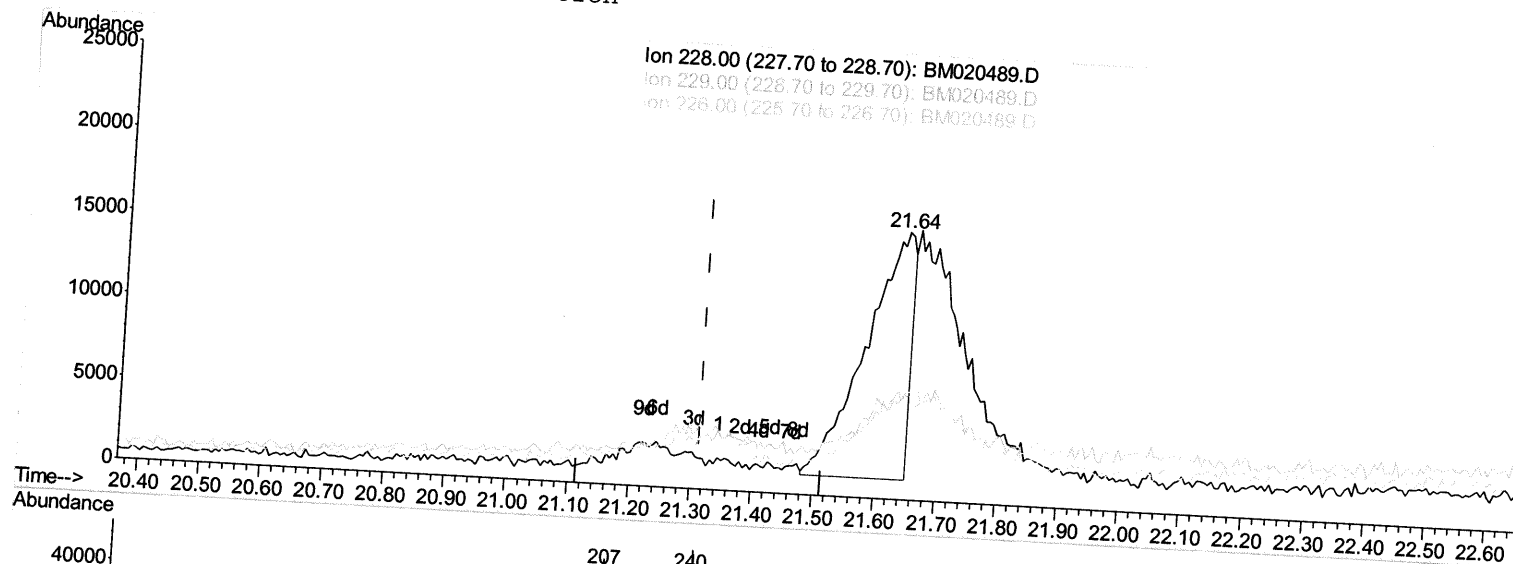
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
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 Acq On : 22 May 2019 08:55
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4259

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:03 AM

Quant Time: May 22 13:02:47 2019
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 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.639min (+0.323) 2.67ng/ul m *JU 05/24/19*

response 75723

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	37.21#
226.00	25.70	37.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

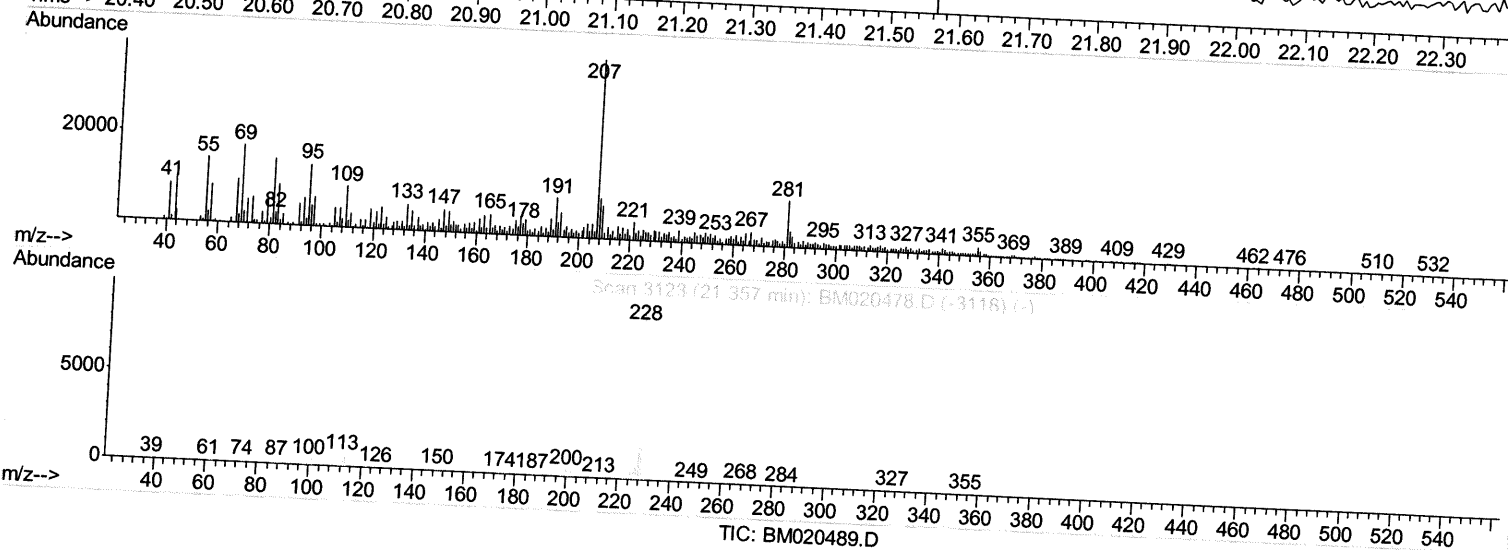
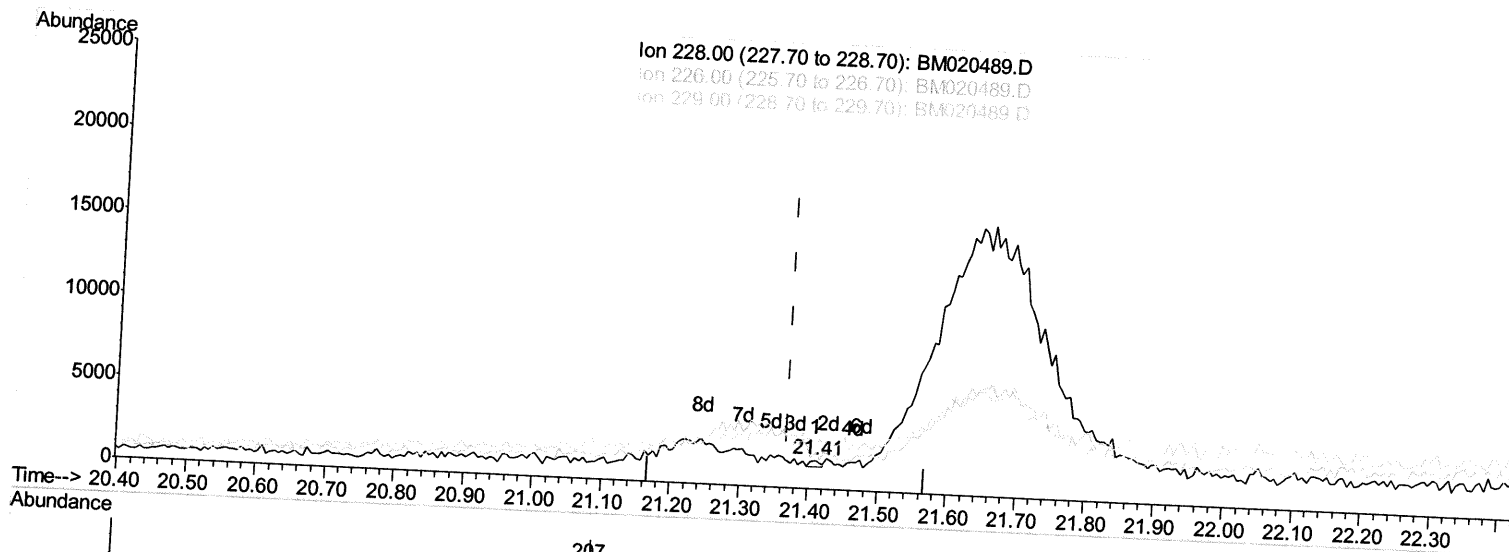
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020489.D
 Acq On : 22 May 2019 08:55
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4259

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:03 AM

Quant Time: May 22 13:02:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(84) Chrysene

21.409min (+0.041) 0.01ng/ul

response 393

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	131.18#
229.00	19.30	152.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

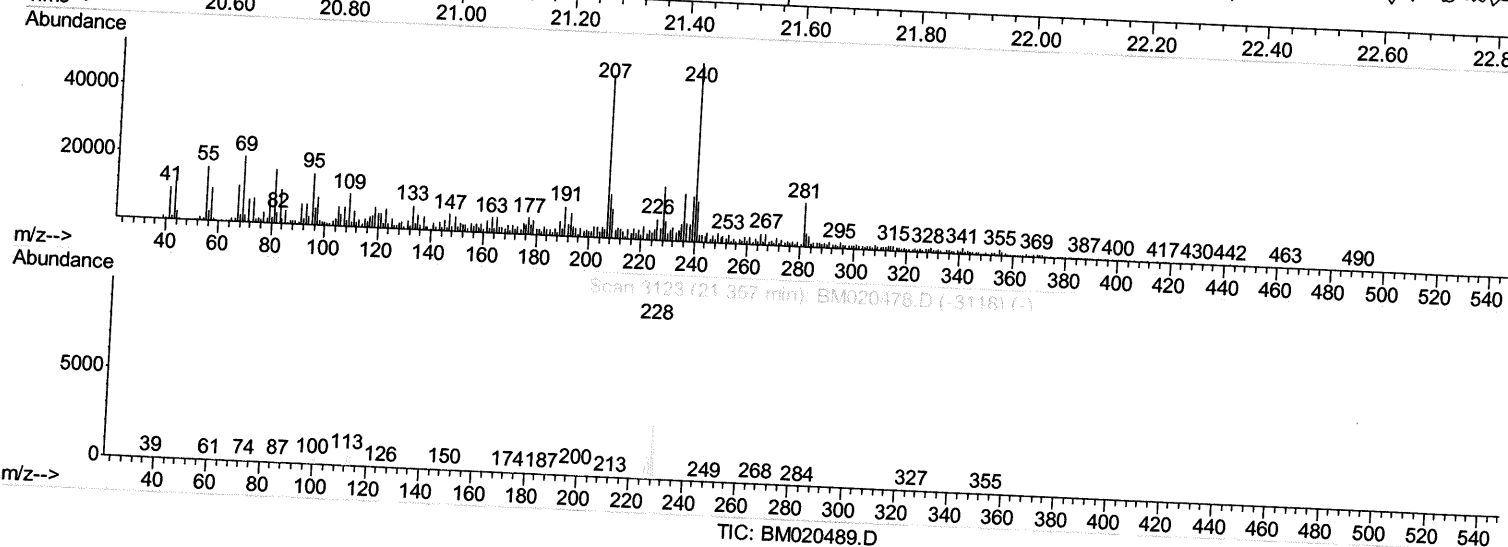
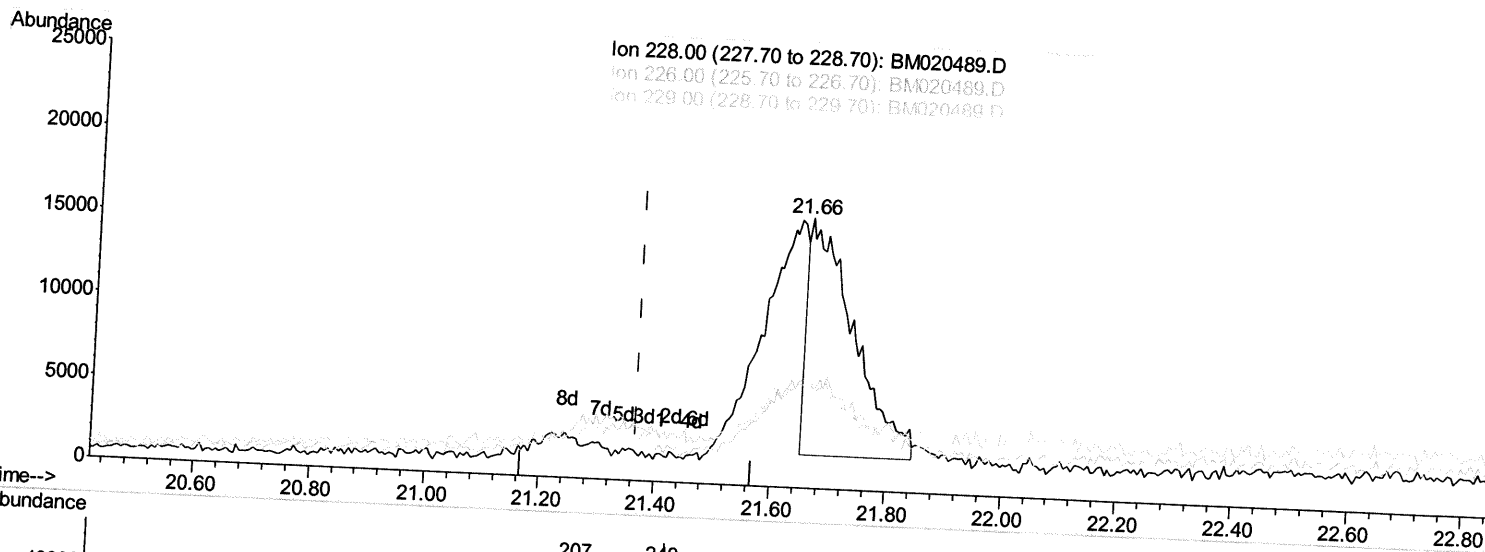
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052119\
 Data File : BM020489.D
 Acq On : 22 May 2019 08:55
 Operator : JU/SJ
 Sample : K2923-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:03 AM

Quant Time: May 22 13:02:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
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 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(84) Chrysene

21.656min (+0.288) 2.84ng/ul m *JU 05/24/19*

response 77157

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	39.96#
229.00	19.30	38.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

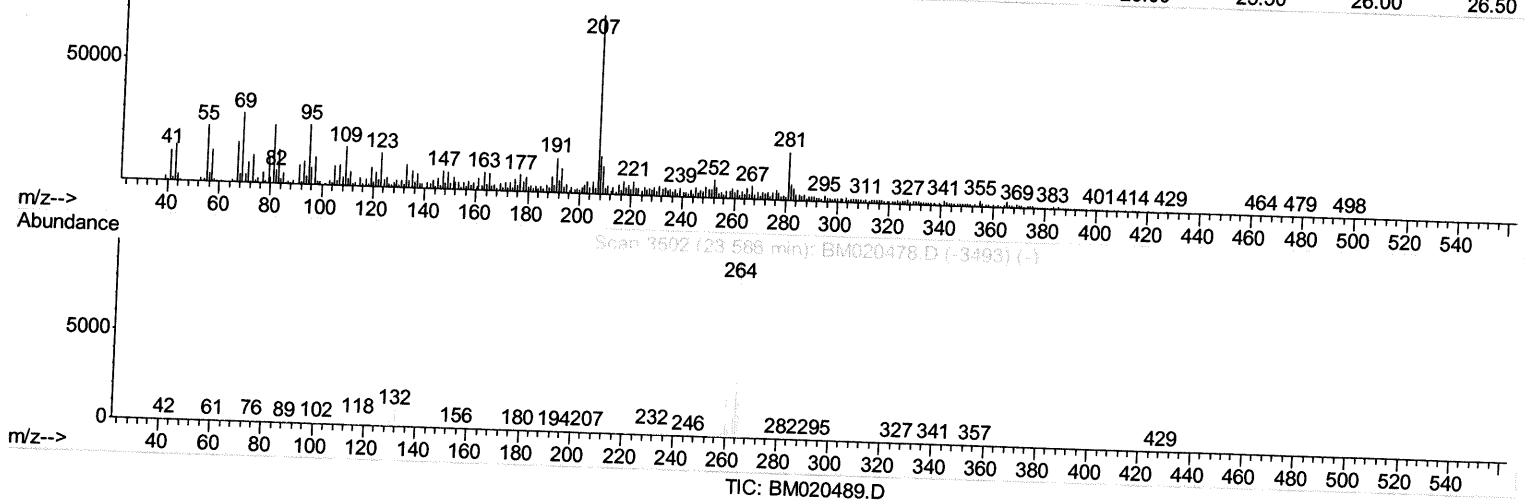
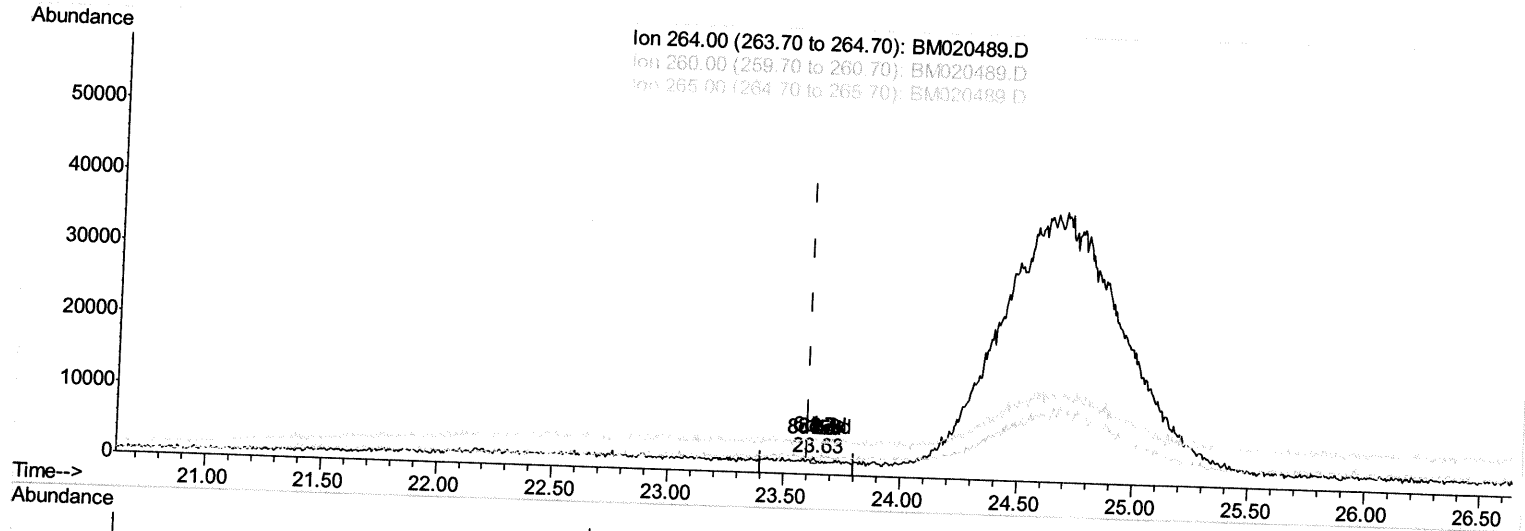
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(85) Perylene-d12 (I)

23.633min (+0.029) 20.00ng/ul

response 711

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	112.69#
265.00	21.90	209.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

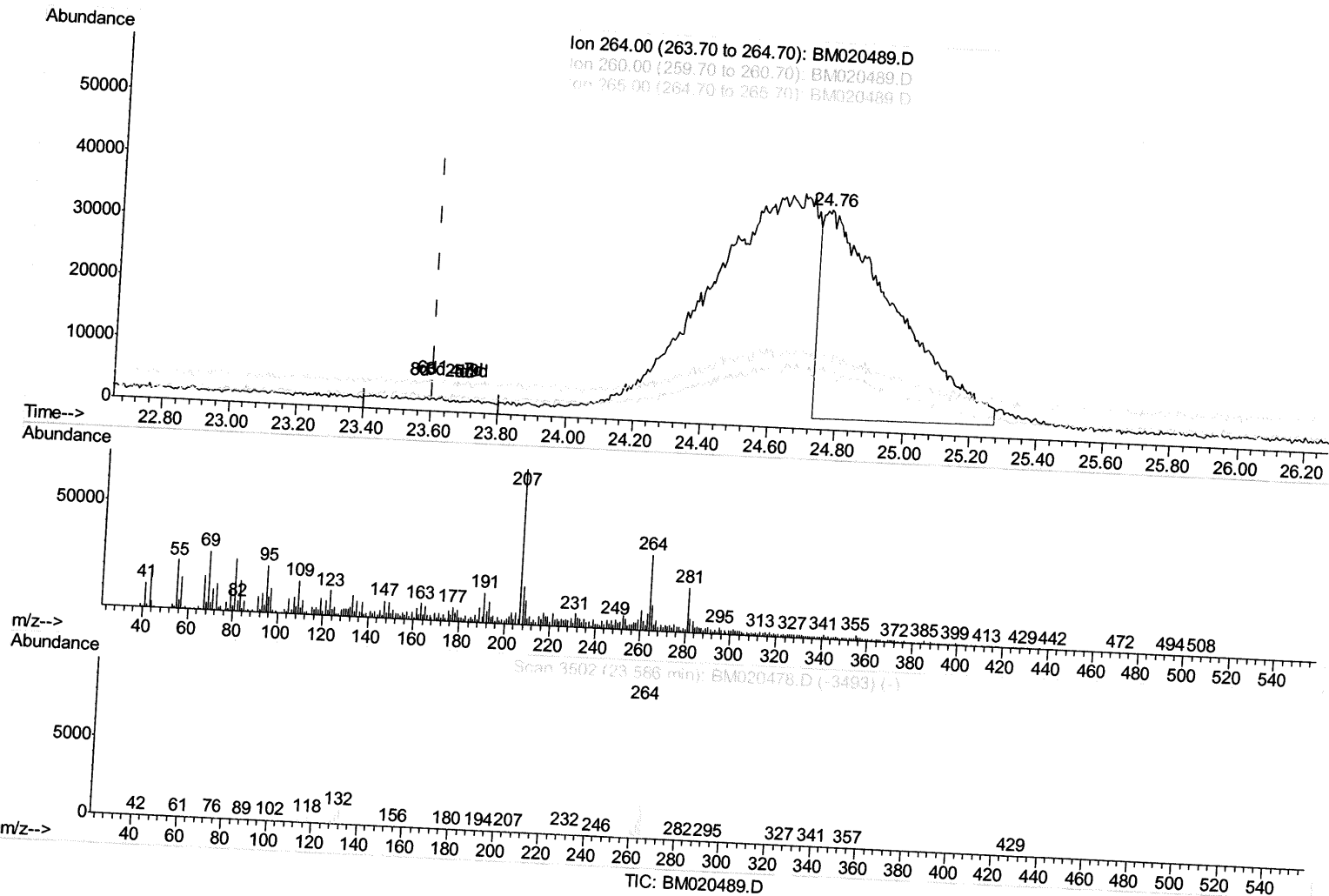
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Manual Integrations
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mohammad
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(85) Perylene-d12 (I)

24.762min (+1.159) 20.00ng/ul m *JU 05/24/19*

response 529365

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	26.79
265.00	21.90	33.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

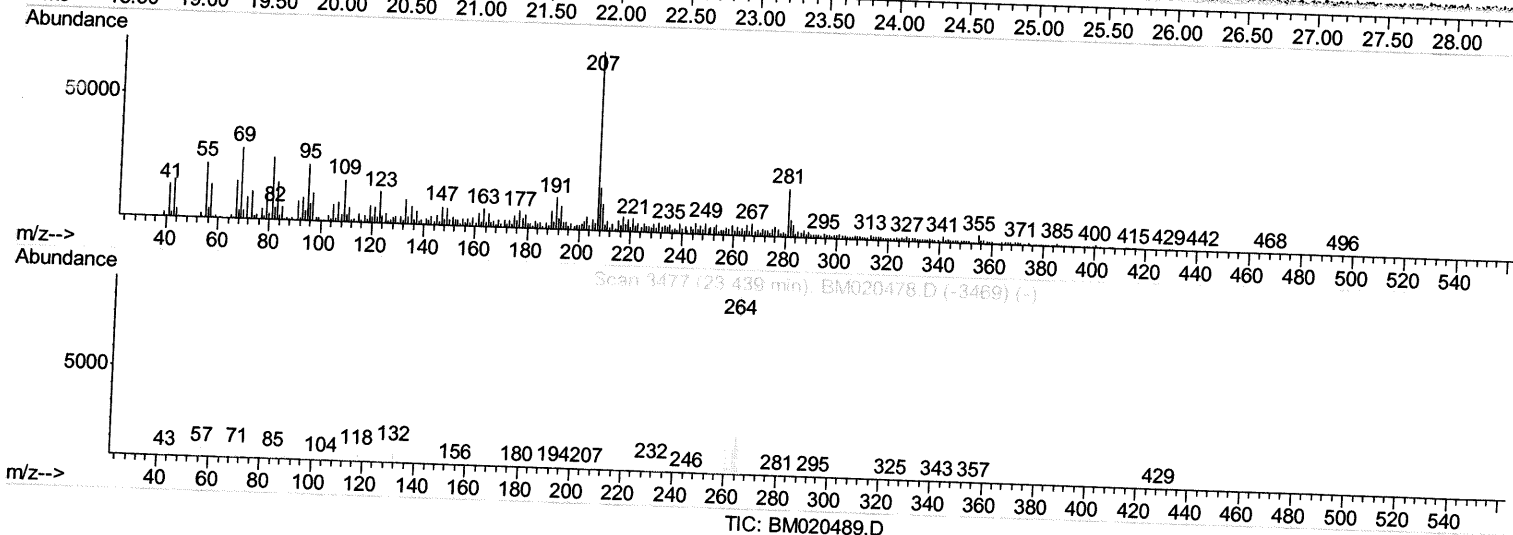
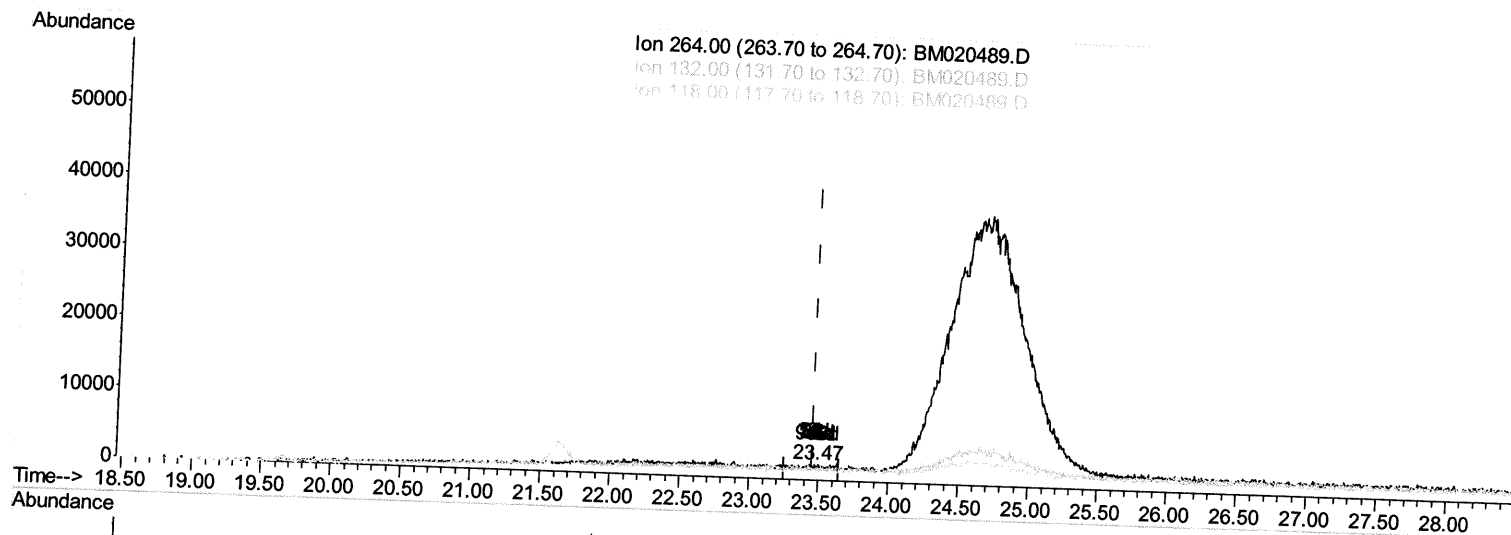
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Manual Integrations
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mohammad
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Quant Time: May 22 13:05:10 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration



(89) Benzo(a)pyrene-d12 (S)

23.474min (+0.017) 0.02ng/ul

response 485

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	82.83#
118.00	6.70	71.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

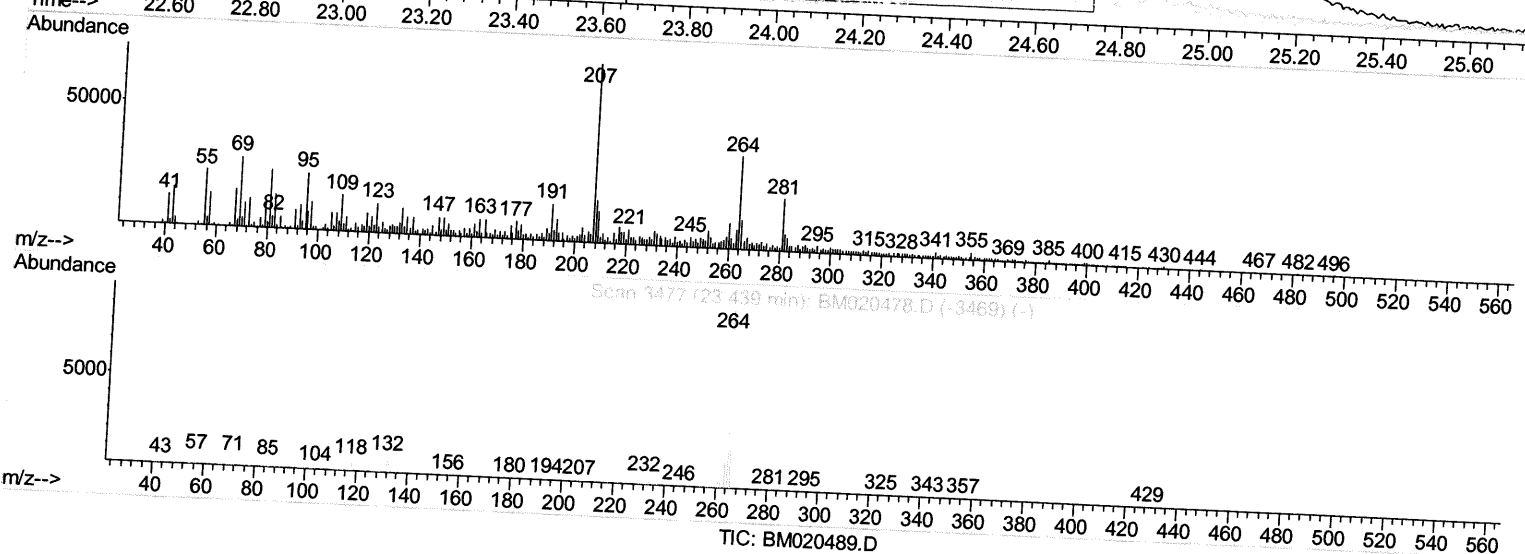
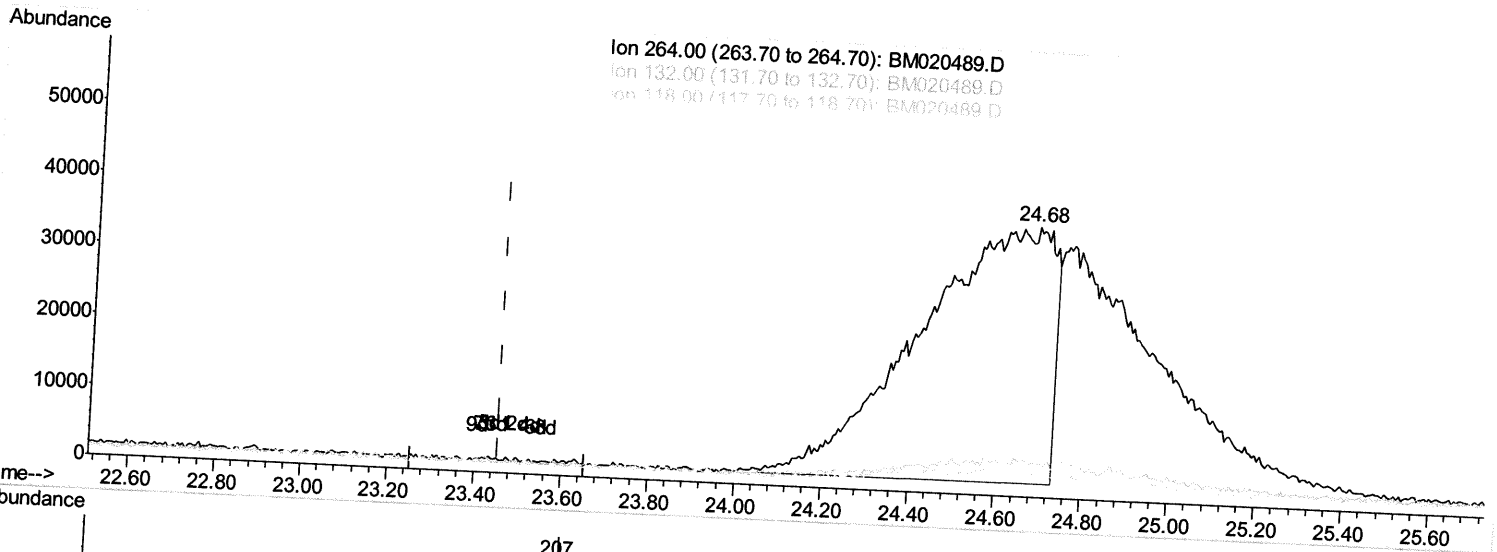
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mohammad
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Quant Time: May 22 13:05:10 2019
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 Response via : Initial Calibration



(89) Benzo(a)pyrene-d12 (S)

24.680min (+1.223) 31.73ng/ul m *Ju 05/24/19*

response 763189

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	12.24#
118.00	6.70	7.69
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	79132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	296505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	177957	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	440130	20.00	ng/ul	0.03
77) Chrysene-d12	21.66	240	471917m >	20.00	ng/ul	0.33
85) Perylene-d12	24.76	264	529365m >	20.00	ng/ul	1.16

JU 05/24/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9261	4.32	ng/uL	0.00
5) Phenol-d5	6.90	99	149405	23.67	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.07	67	89063	22.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	118481	25.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	100251	21.81	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	51273	26.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	58977	27.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	121511	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	38153	8.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	353708	27.63	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	442778	27.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	29827m >	16.04	ng/ul	0.19
57) Fluorene-d10	15.38	176	321950	28.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	10786	4.30	ng/ul	0.08
70) Anthracene-d10	17.26	188	518291	27.45	ng/ul	0.04
78) Pyrene-d10	19.64	212	617379	27.16	ng/ul	0.11
89) Benzo(a)pyrene-d12	24.68	264	763189m >	31.73	ng/ul	1.22

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Target Compounds

					Qvalue
44) Dimethylphthalate	13.83	163	137790	10.879	ng/ul 98
69) Phenanthrene	17.20	178	55583	2.650	ng/ul 98
76) Fluoranthene	19.29	202	138202	5.217	ng/ul 97
79) Pyrene	19.67	202	123742m >	4.369	ng/ul → JU 05/24/19
82) Benzo(a)anthracene	21.64	228	75723m >	2.666	ng/ul → JU 05/24/19
84) Chrysene	21.66	228	77157m >	2.842	ng/ul → JU 05/24/19

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