

Data File : BM020361.D

Operator : JU/SJ

Sample : K2604-18DL 20X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 03:40:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

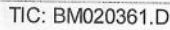
GAJ89DL

Manual Integrations

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Instrument :
BNA_M
ClientSampleId :
GAJ89DL

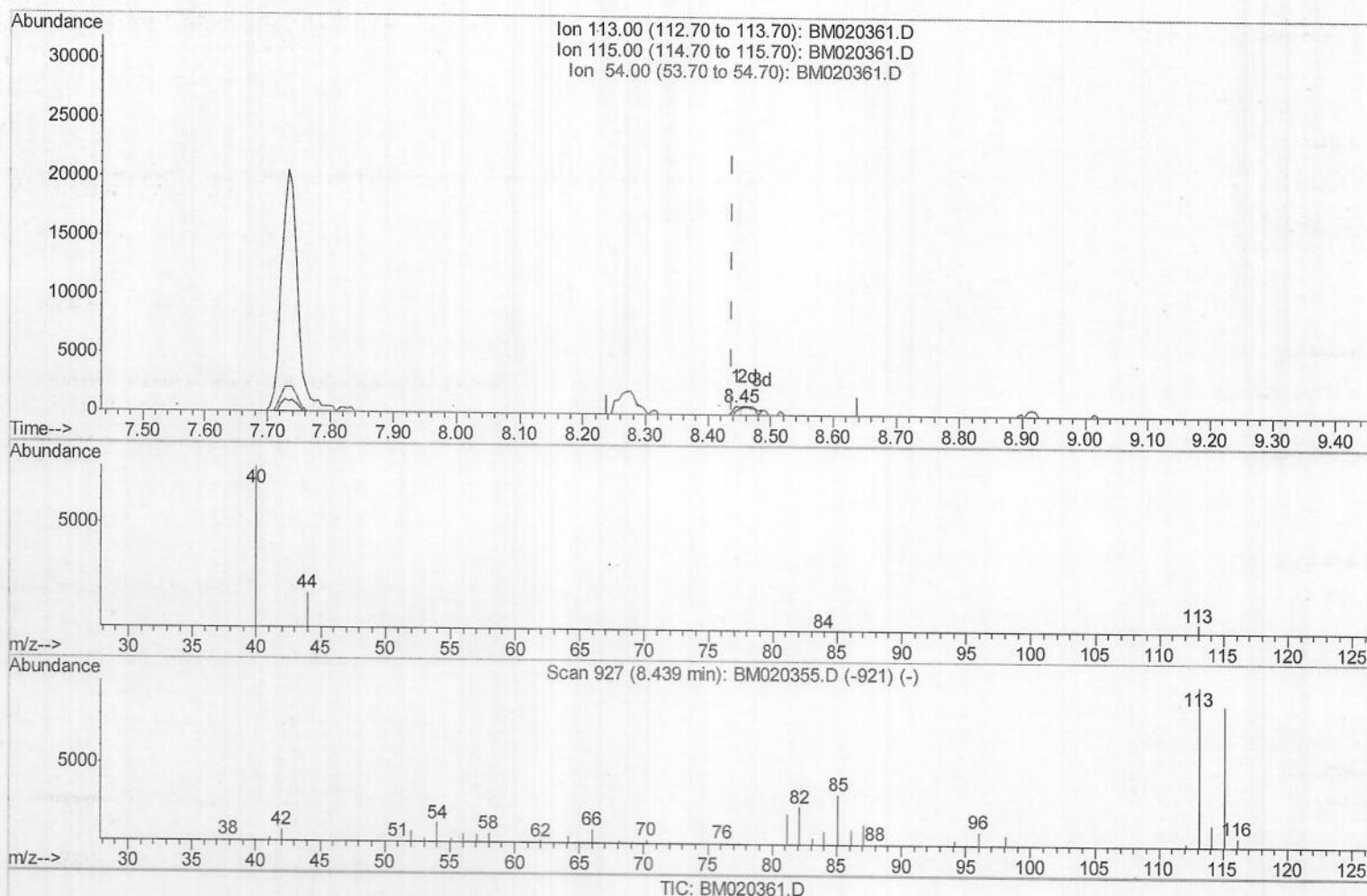
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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020361.D
Acq On : 17 May 2019 12:46
Operator : JU/SJ
Sample : K2604-18DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 02:55:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.445min (+0.006) 0.18ng/ul

response 609

Ion	Exp%	Act%
113.00	100	100
115.00	91.10	50.62#
54.00	13.50	0.00#
0.00	0.00	0.00

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Misc :

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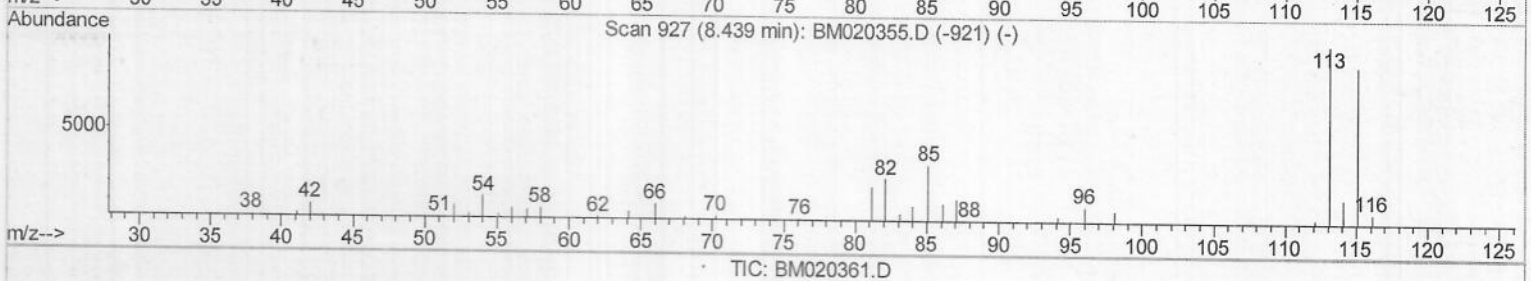
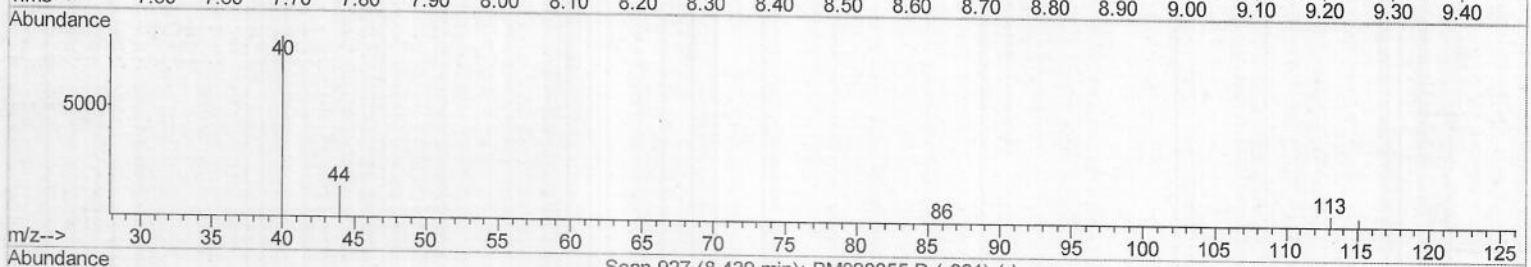
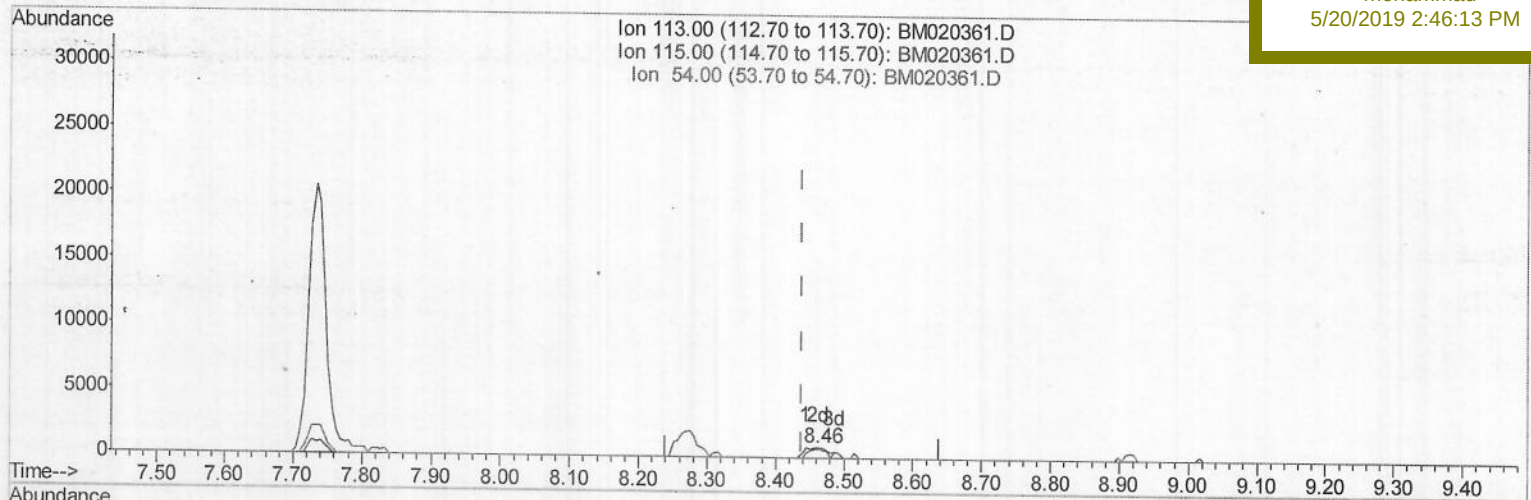
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Manual Integrations

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(13) 4-Methylphenol-d8 (S)

8.463min (+0.023) 0.44ng/ul m

JU05/21/19

response 1545

Ion	Exp%	Act%
113.00	100	100
115.00	91.10	86.51
54.00	13.50	0.00#
0.00	0.00	0.00

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Misc :

ALS Vial : 8 Sample Multiplier: 1

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Instrument :

BNA_M

ClientSampleId :

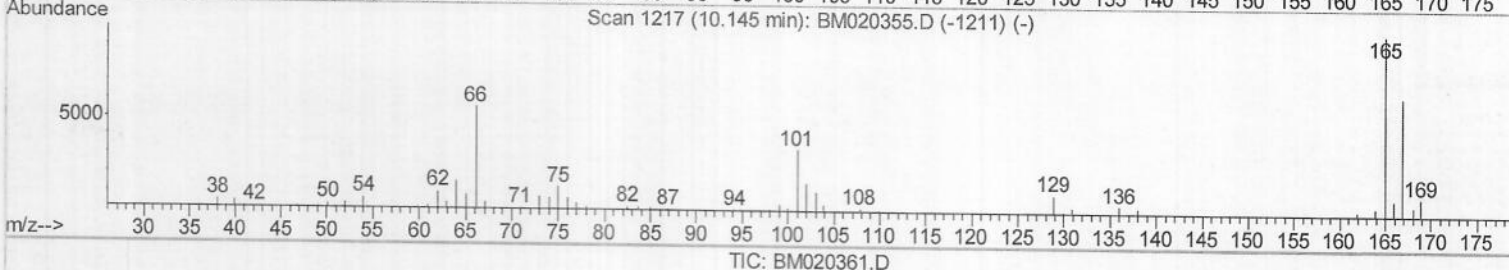
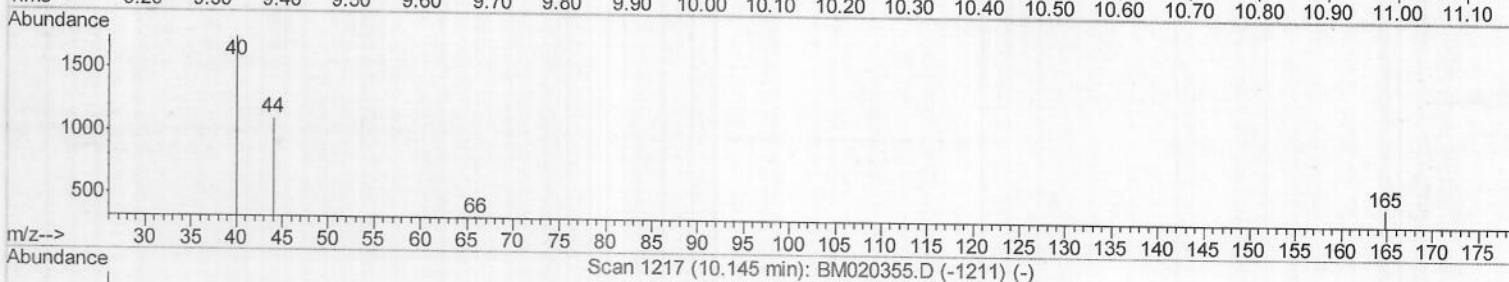
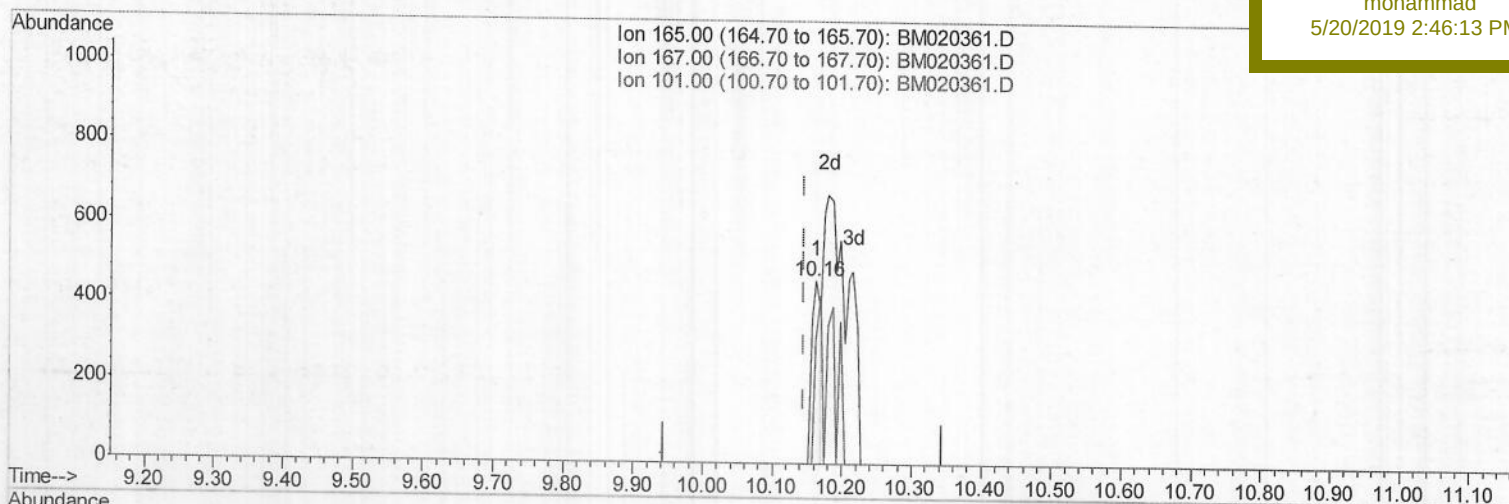
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Manual Integrations

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(26) 2,4-Dichlorophenol-d3 (S)

10.163min (+0.017) 0.13ng/ul

response 425

Ion	Exp%	Act%
165.00	100	100
167.00	65.00	67.98
101.00	34.80	0.00#
0.00	0.00	0.00

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Acq On : 17 May 2019 12:46

Operator : JU/SJ

Sample : K2604-18DL 20X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 02:55:29 2019

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BNA_M

ClientSampleId :

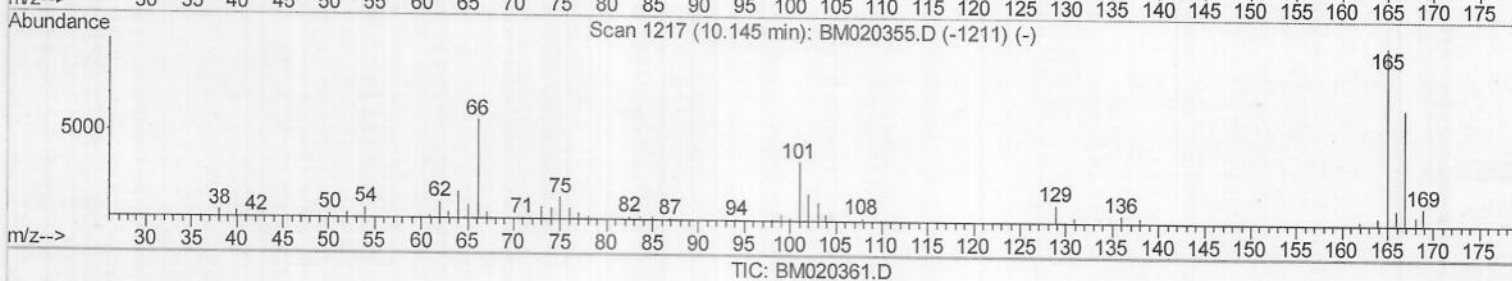
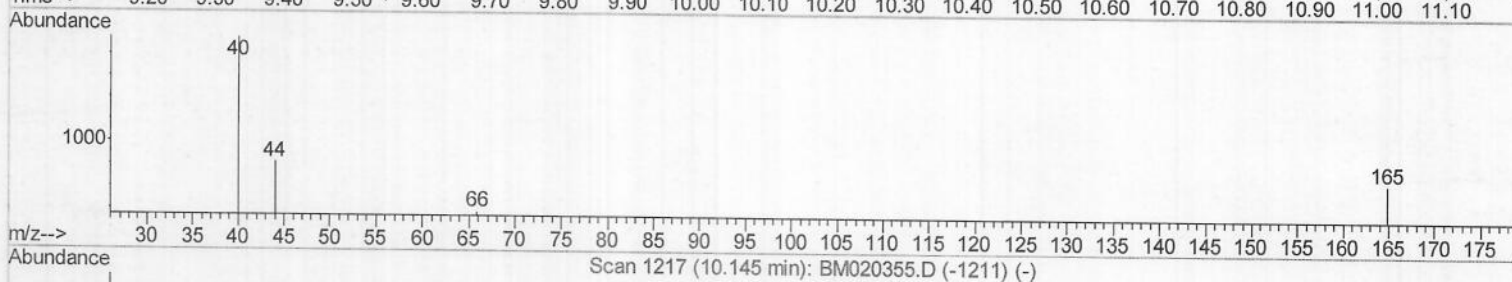
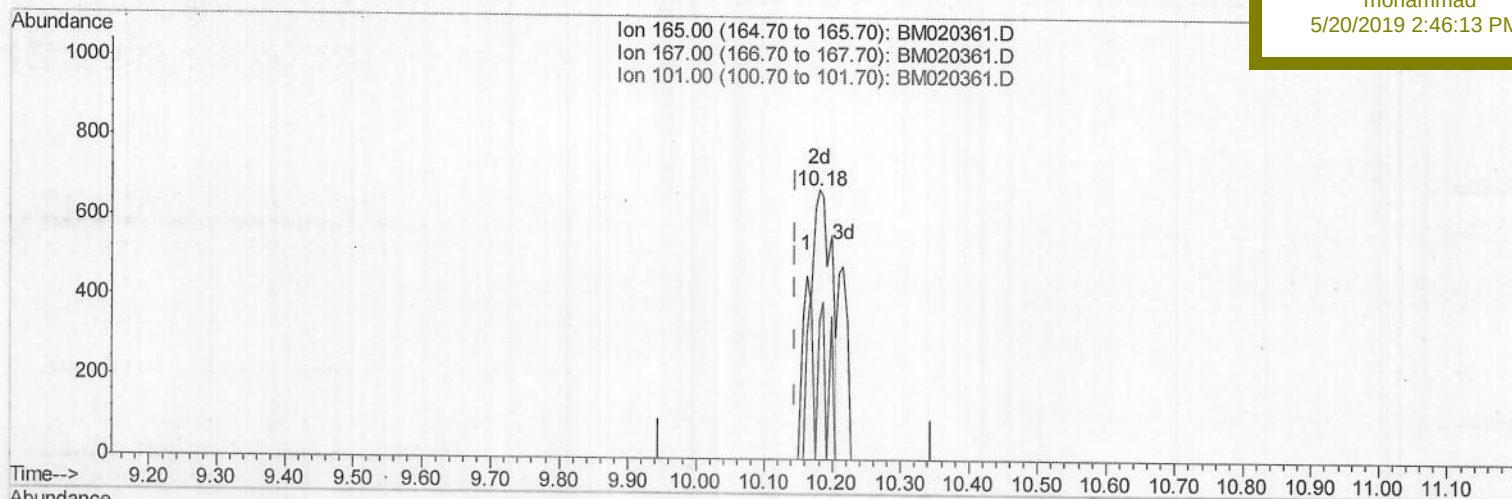
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Manual Integrations

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(26) 2,4-Dichlorophenol-d3 (S)

10.180min (+0.035) 0.47ng/ul m

response 1588

Ion	Exp%	Act%
165.00	100	100
167.00	65.00	51.04#
101.00	34.80	0.00#
0.00	0.00	0.00

JU05/21/19

Instrument :
BNA_M
ClientSampleId :
GAJ89DL

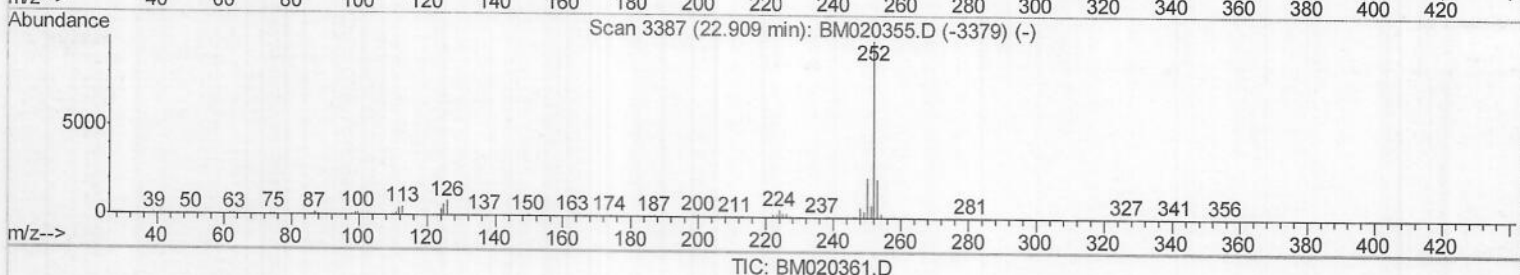
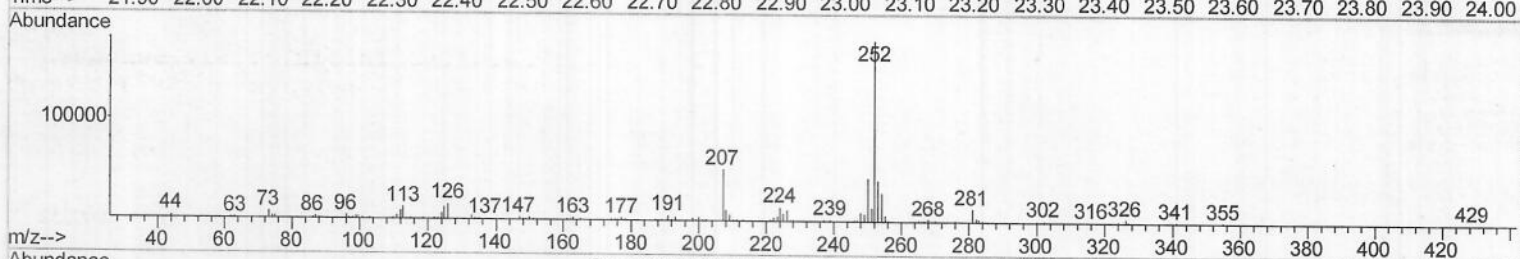
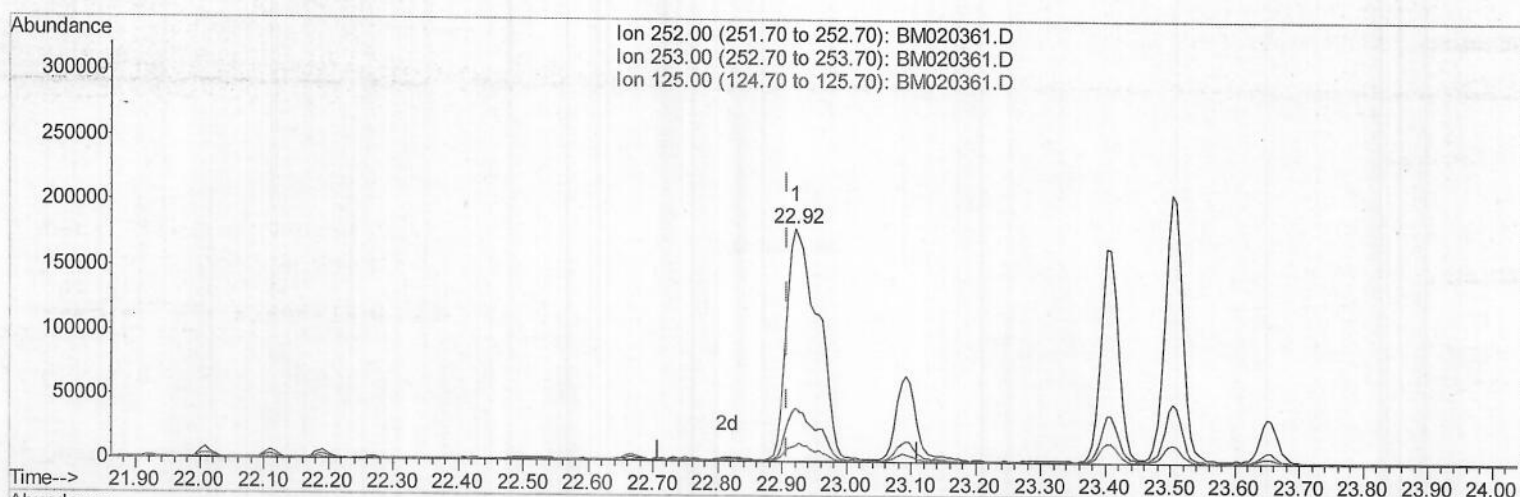
Manual Integrations
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Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
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Acq On : 17 May 2019 12:46
Operator : JU/SJ
Sample : K2604-18DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 02:55:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.921min (+0.012) 27.15ng/ul

response 616106

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	22.92
125.00	6.20	6.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020361.D

Acq On : 17 May 2019 12:46

Operator : JU/SJ

Sample : K2604-18DL 20X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 02:55:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

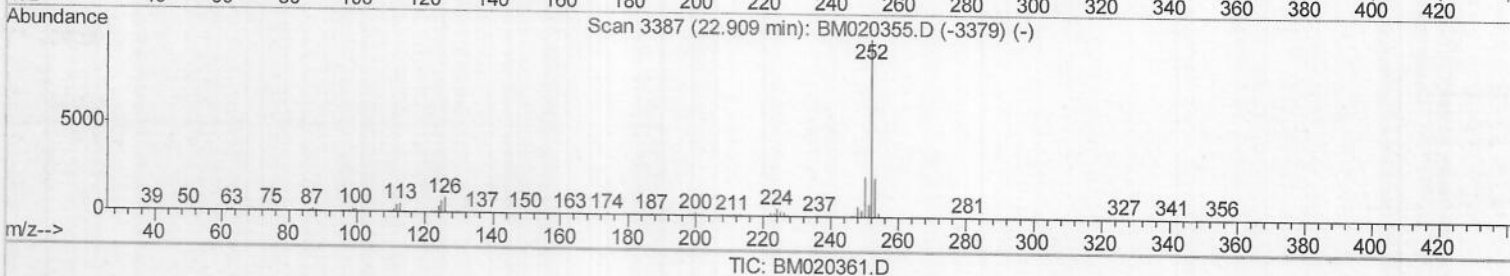
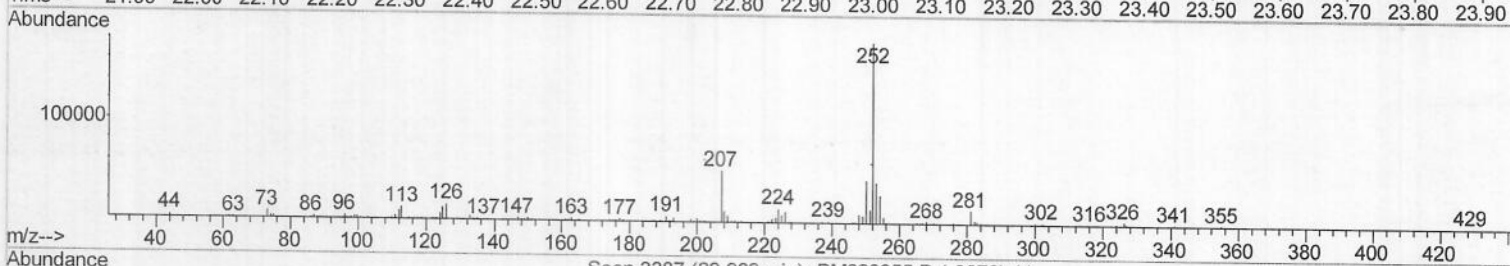
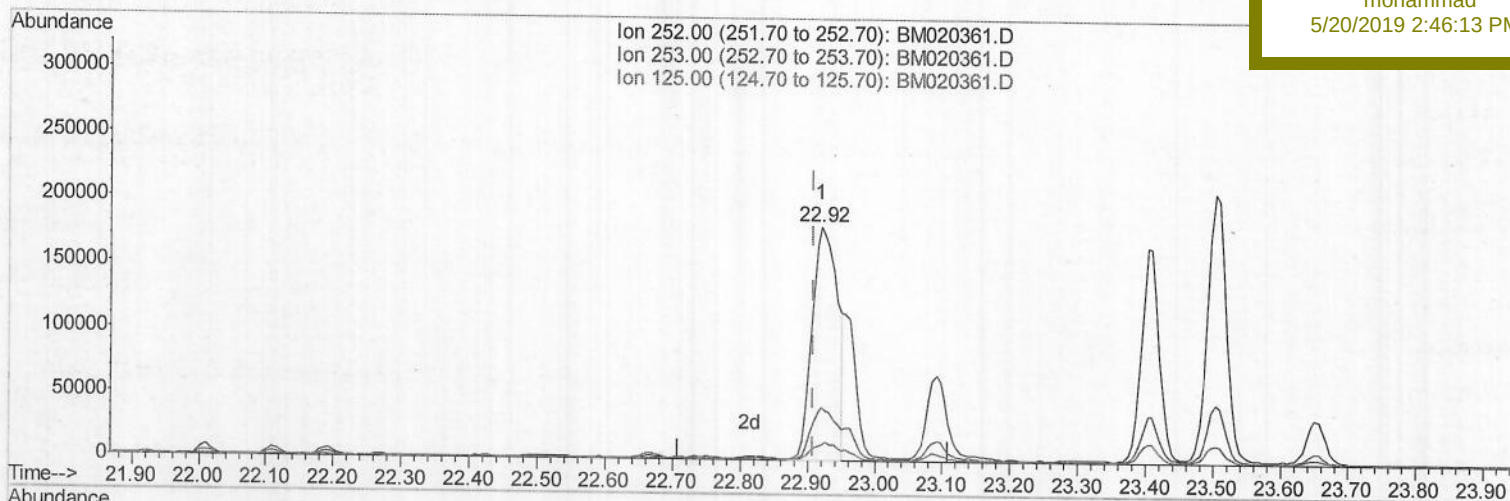
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample ID :

GAJ89DL

Manual Integrations
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(87) Benzo(b)fluoranthene

22.921min (+0.012) 20.93ng/ul m

response 474951

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	22.92
125.00	6.20	6.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020361.D

Acq On : 17 May 2019 12:46

Operator : JU/SJ

Sample : K2604-18DL 20X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 02:55:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

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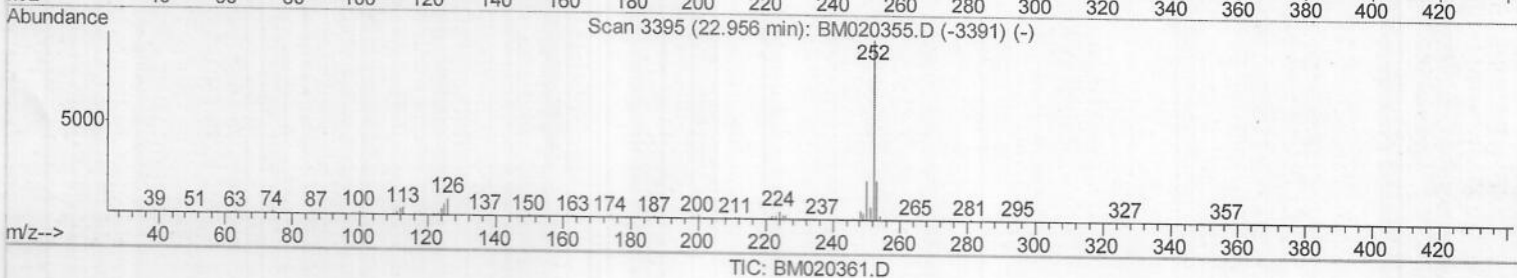
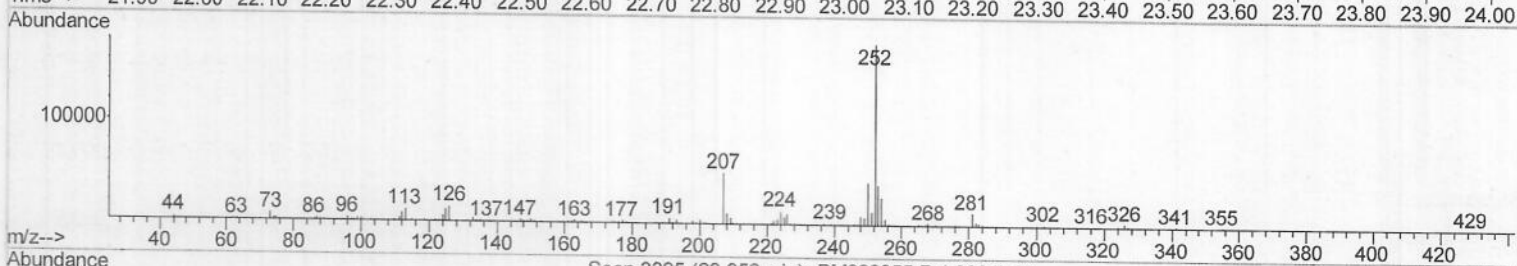
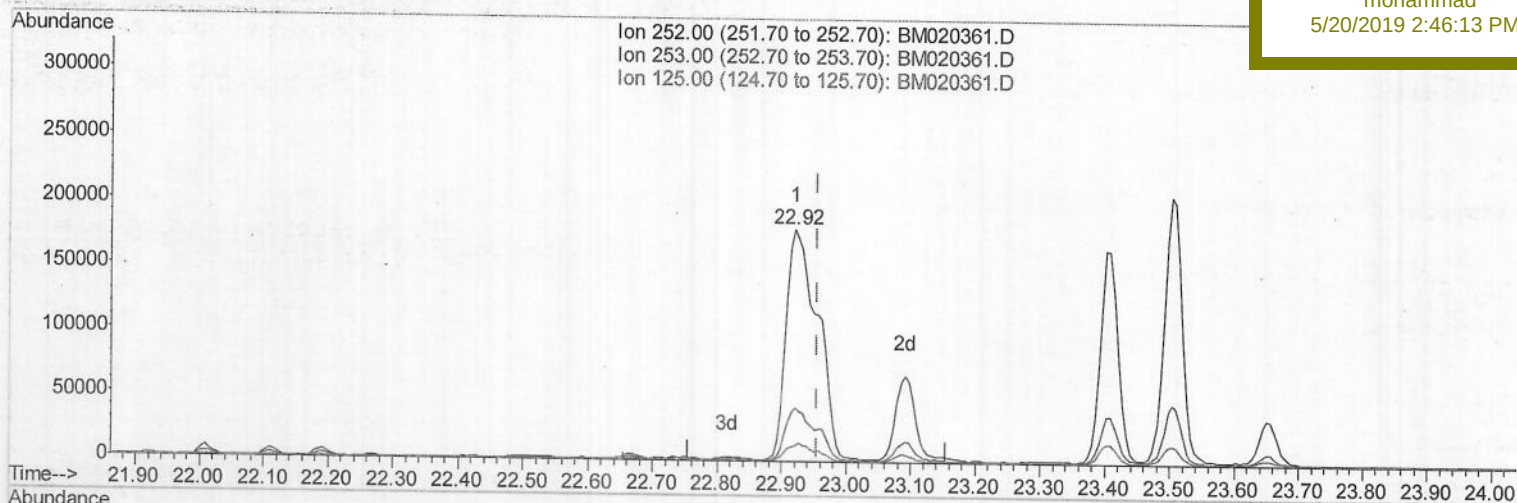
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

GAJ89DL

Manual Integrations
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5/20/2019 2:46:13 PM

(88) Benzo(k)fluoranthene

22.921min (-0.035) 27.64ng/ul

response 616106

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.92
125.00	6.30	6.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\

Data File : BM020361.D

Acq On : 17 May 2019 12:46

Operator : JU/SJ

Sample : K2604-18DL 20X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 02:55:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 02:51:01 2019

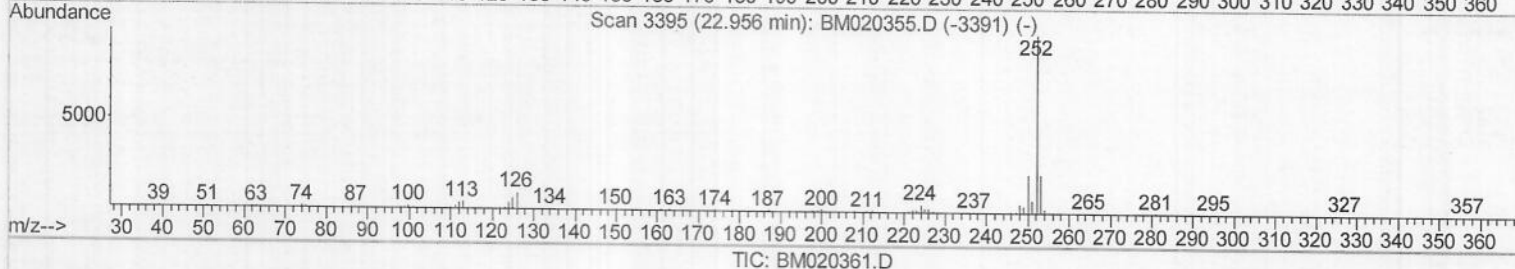
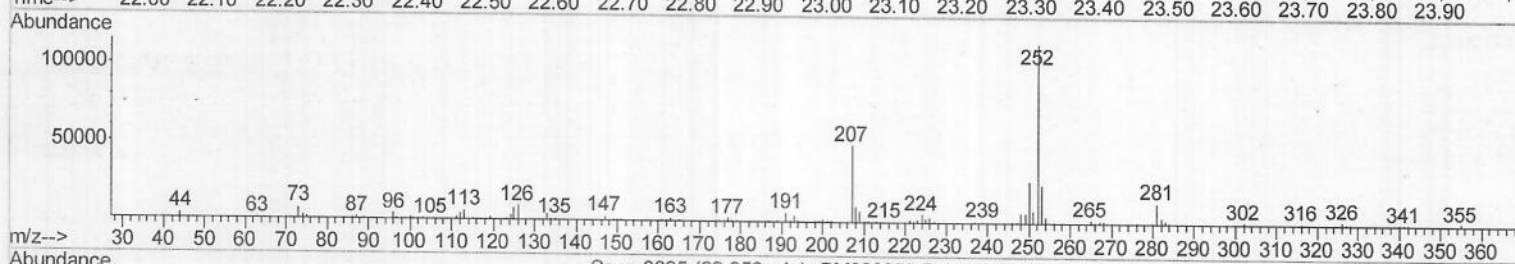
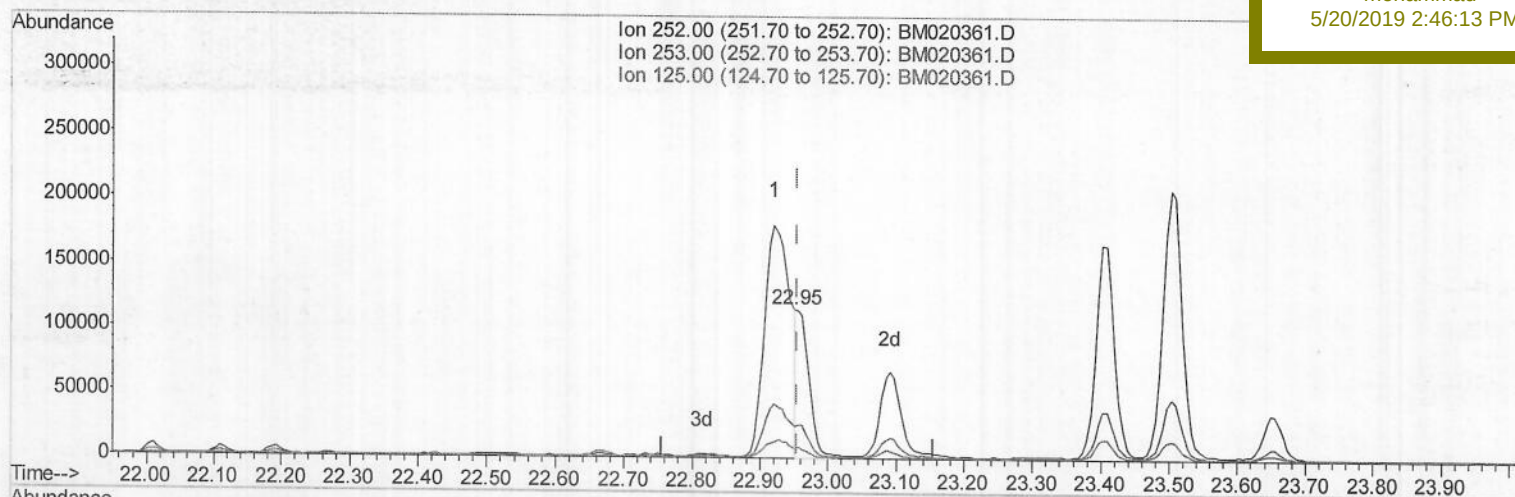
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

GAJ89DL

Manual Integrations
APPROVEDmohammad
5/20/2019 2:46:13 PM

(88) Benzo(k)fluoranthene

22.950min (-0.006) 6.64ng/ul m

JU05/21/19

response 148111

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.40
125.00	6.30	6.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
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 Sample : K2604-18DL 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 02:51:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	59853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	221973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	137569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	335281	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	353225	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	397632	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.92	99	3115	0.65	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.09	67	1955	0.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	2965	0.85	ng/ul	0.01
13) 4-Methylphenol-d8	8.46	113	1545m	0.44	ng/ul	0.02
19) Nitrobenzene-d5	8.92	128	690	0.48	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	686	0.43	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.18	165	1588m	0.47	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11438	1.16	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	13412	1.08	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.38	176	10466	1.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.23	188	17789	1.24	ng/ul	0.00
78) Pyrene-d10	19.53	212	22059	1.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	23221	1.29	ng/ul	0.00

Target Compounds

						Qvalue
47) Acenaphthylene	14.10	152	100029	8.568	ng/ul	98
69) Phenanthrene	17.18	178	43930	2.750	ng/ul	97
71) Anthracene	17.27	178	61161	3.764	ng/ul	96
76) Fluoranthene	19.20	202	511362	25.340	ng/ul	99
79) Pyrene	19.56	202	1016334	47.937	ng/ul	98
82) Benzo(a)anthracene	21.31	228	477757	22.472	ng/ul	94
84) Chrysene	21.37	228	496850	24.455	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	474951m	20.929	ng/ul	
88) Benzo(k)fluoranthene	22.95	252	148111m	6.644	ng/ul	
90) Benzo(a)pyrene	23.50	252	395625	18.524	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	236754	9.729	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	69436	3.337	ng/ul#	91
93) Benzo(g,h,i)perylene	26.61	276	242797	12.053	ng/ul	98

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

5005/21/19