

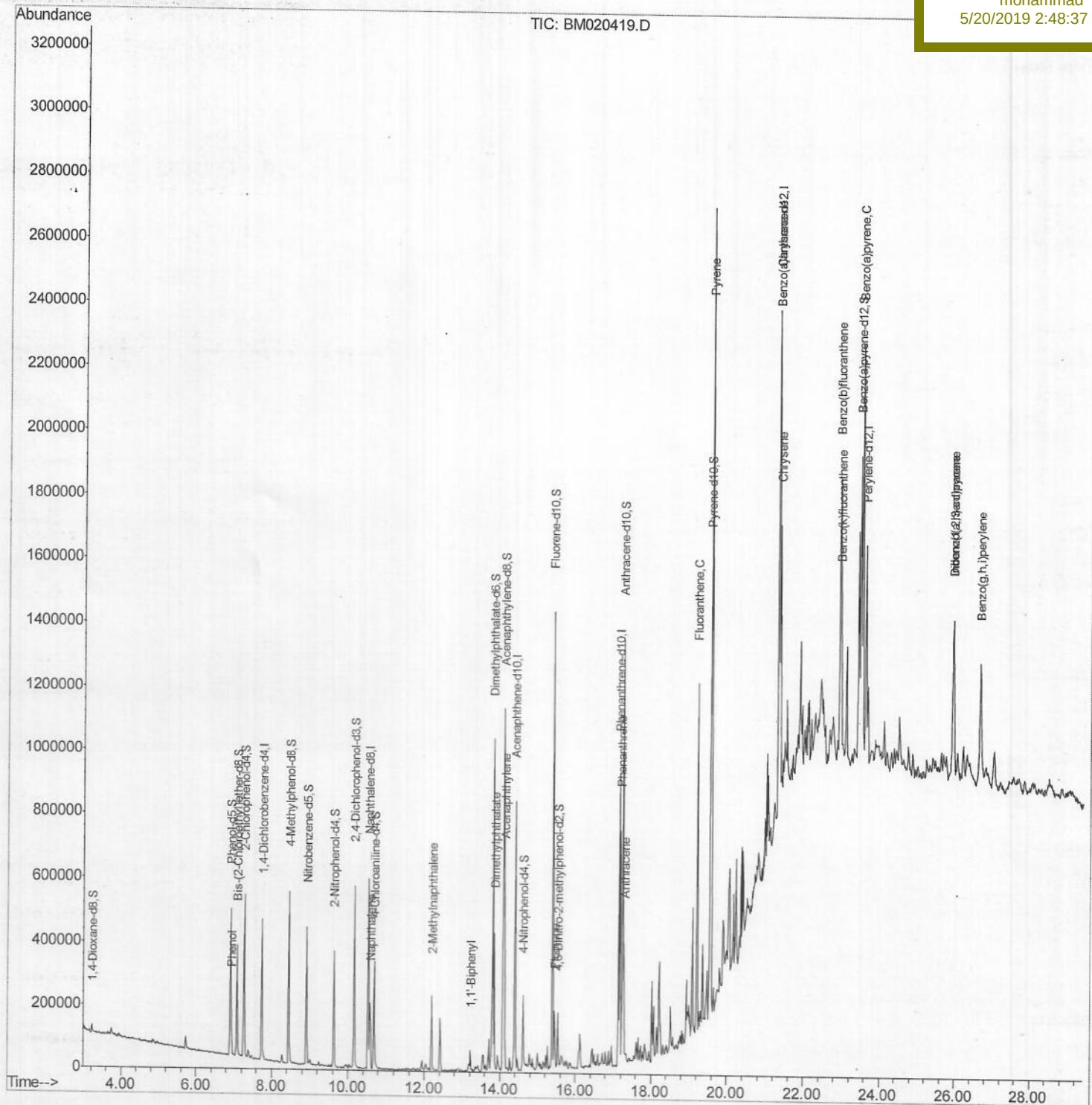
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020419.D
Acq On : 19 May 2019 03:30
Operator : JU/SJ
Sample : K2633-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 21 10:18:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GAJA2

Manual Integrations
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051819\

Data File : BM020419.D

Acq On : 19 May 2019 03:30

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Sample : K2633-10

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 20 07:15:44 2019

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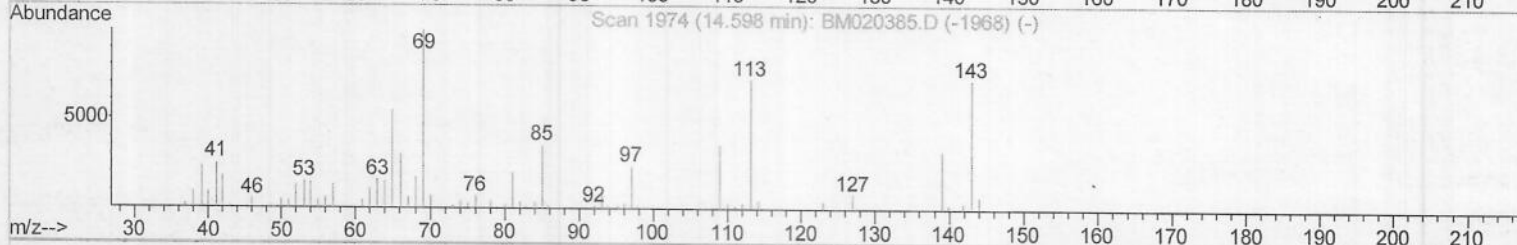
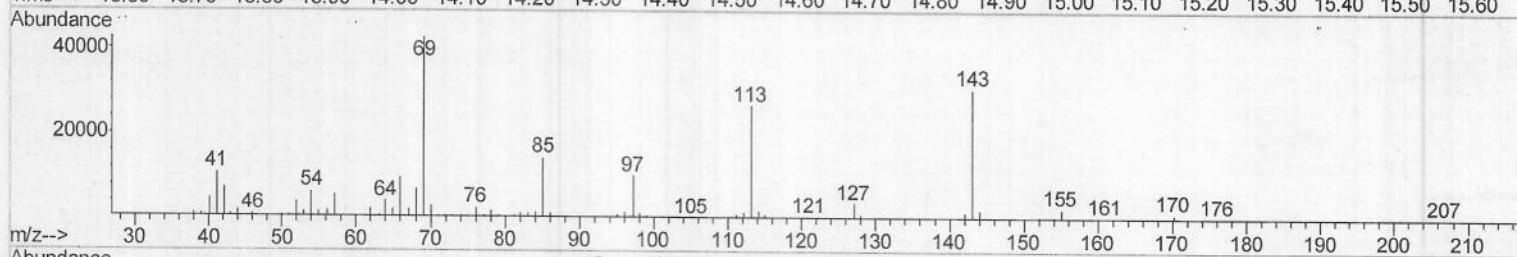
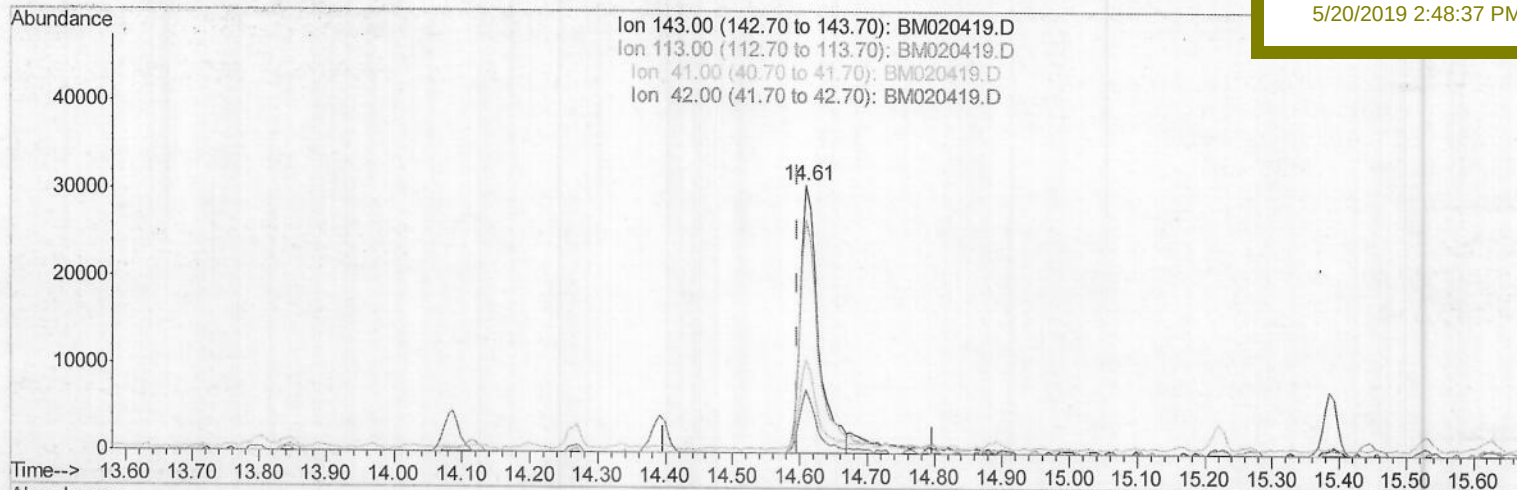
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TIC: BM020419.D

(51) 4-Nitrophenol-d4 (S)

14.610min (+0.012) 20.49ng/ul

response 57111

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	87.15
41.00	31.70	35.07
42.00	21.50	23.58

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Misc :

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Instrument :

BNA_M

ClientSampleId :

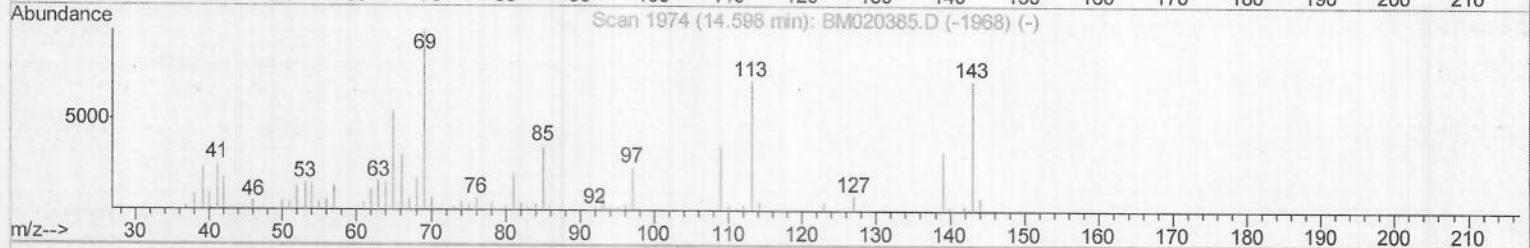
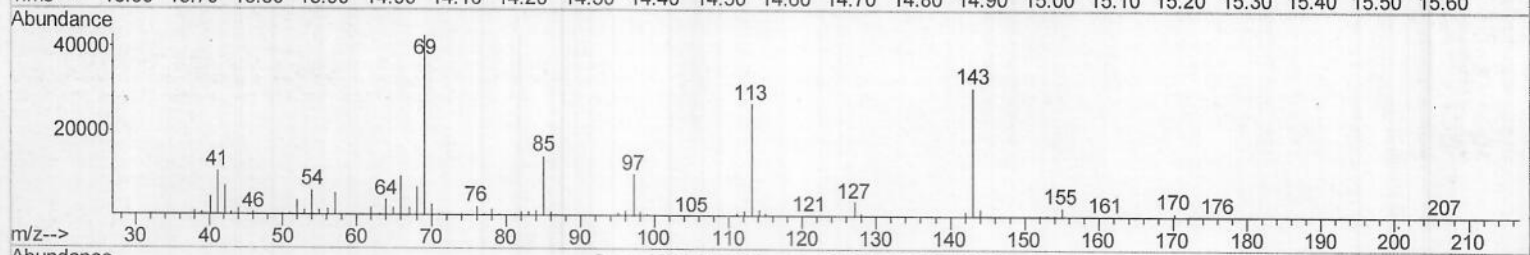
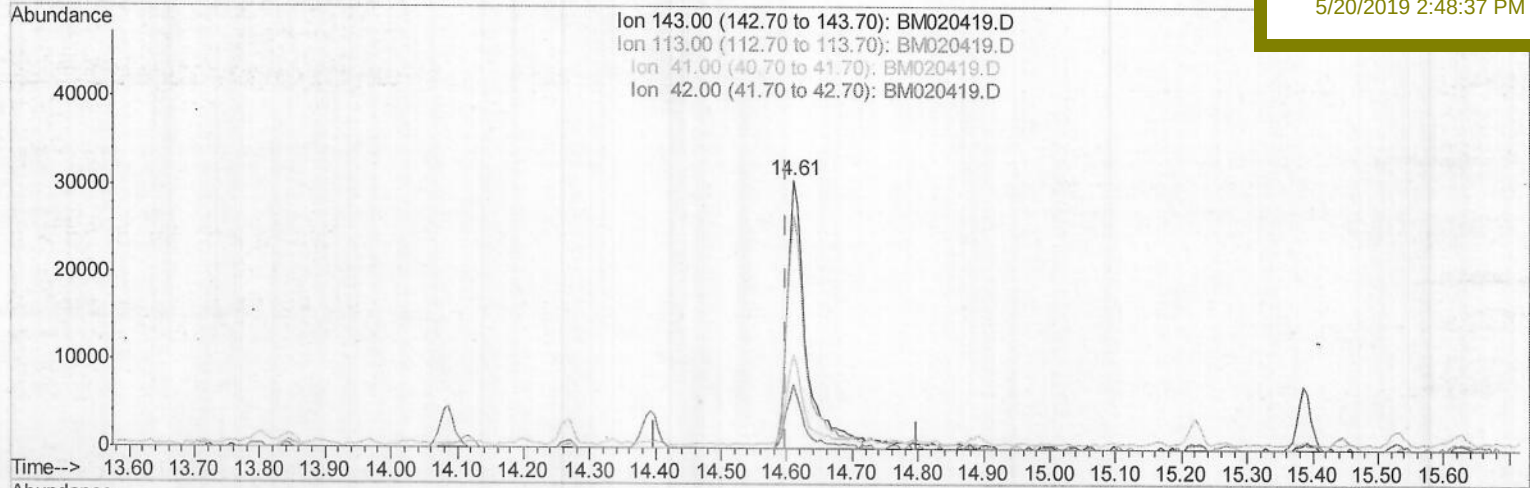
GAJA2

Manual Integrations

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TIC: BM020419.D

(51) 4-Nitrophenol-d4 (S)

14.610min (+0.012) 22.17ng/ul m

JU05/21/19

response 61788

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	87.15
41.00	31.70	35.07
42.00	21.50	23.58

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051819\

Data File : BM020419.D

Acq On : 19 May 2019 03:30

Operator : JU/SJ

Sample : K2633-10

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 20 07:15:44 2019

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BNA_M

ClientSampleId :

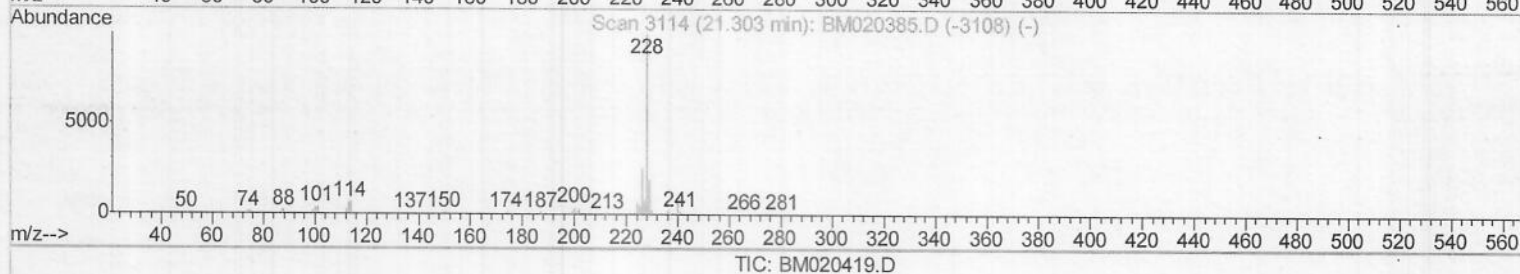
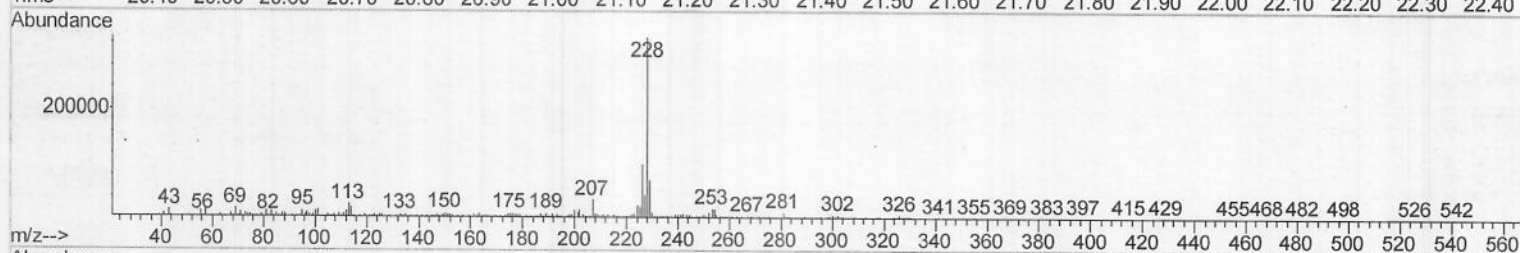
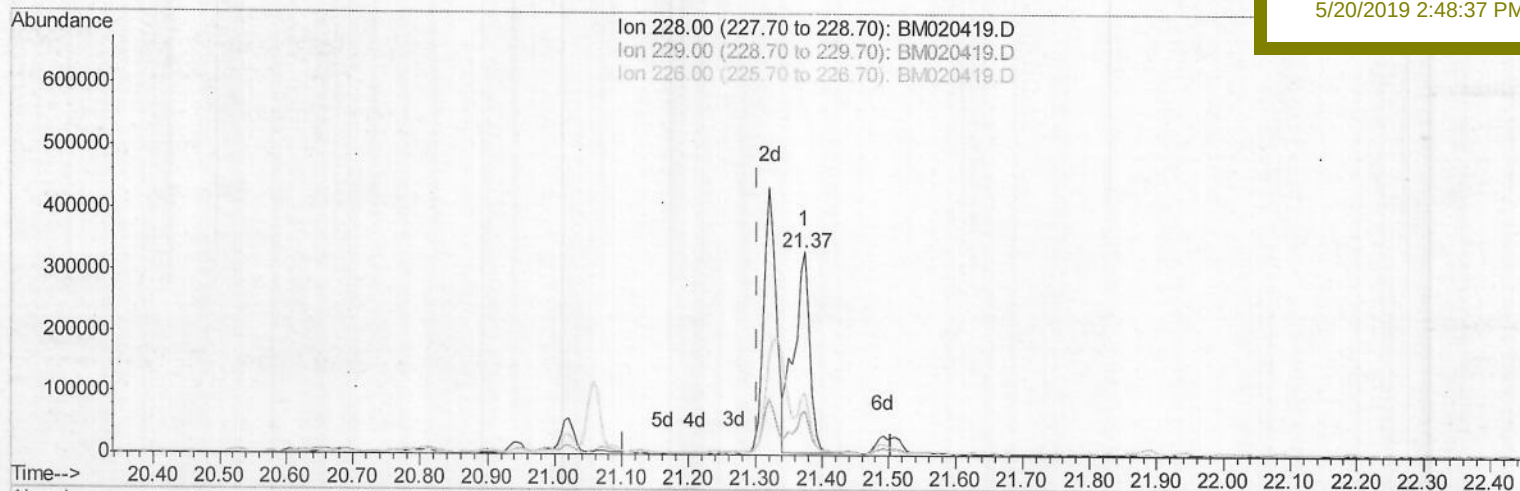
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Manual Integrations

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(82) Benzo(a)anthracene

21.374min (+0.071) 22.22ng/ul

response 558435

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	21.37
226.00	25.70	30.54
0.00	0.00	0.00

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Acq On : 19 May 2019 03:30

Operator : JU/SJ

Sample : K2633-10

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 20 07:15:44 2019

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

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BNA_M

ClientSampleId :

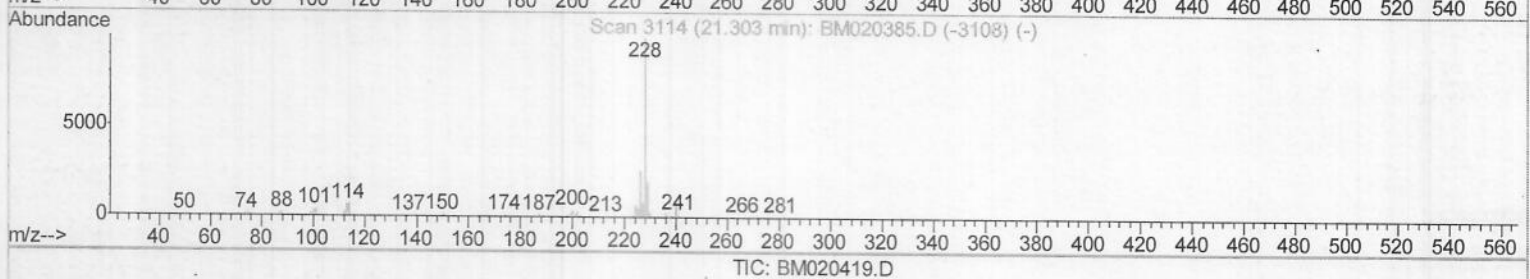
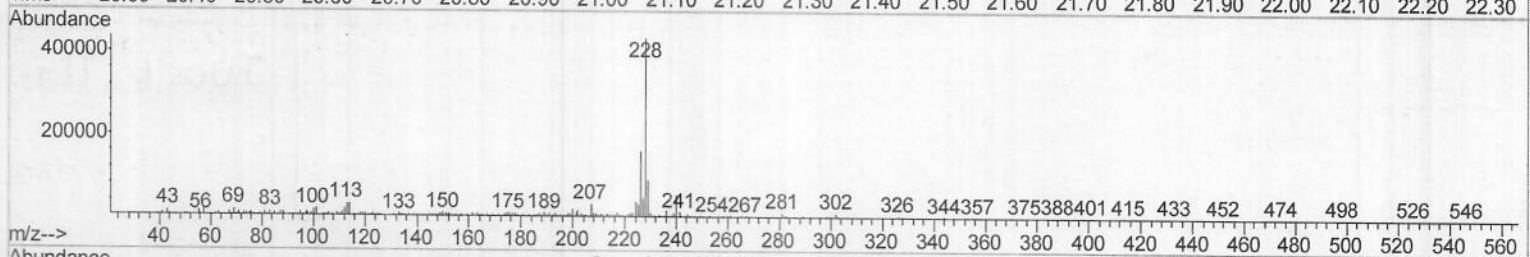
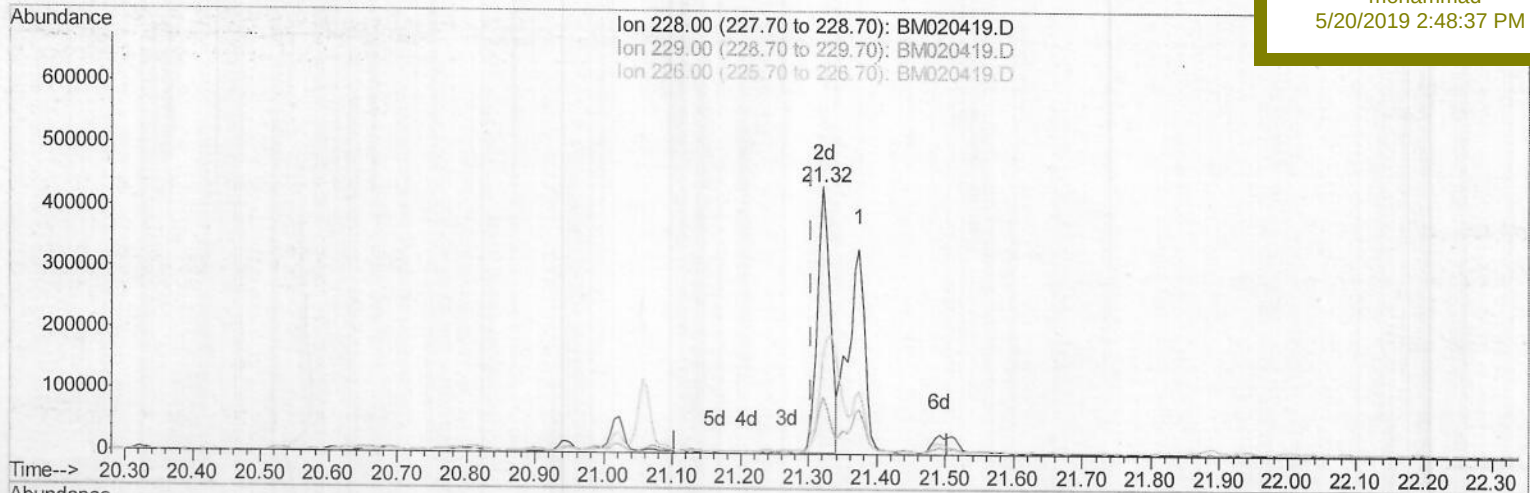
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Manual Integrations

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(82) Benzo(a)anthracene

21.321min (+0.018) 22.64ng/ul m

response 568866

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	20.83
226.00	25.70	36.86#
0.00	0.00	0.00

JU 05/21/19

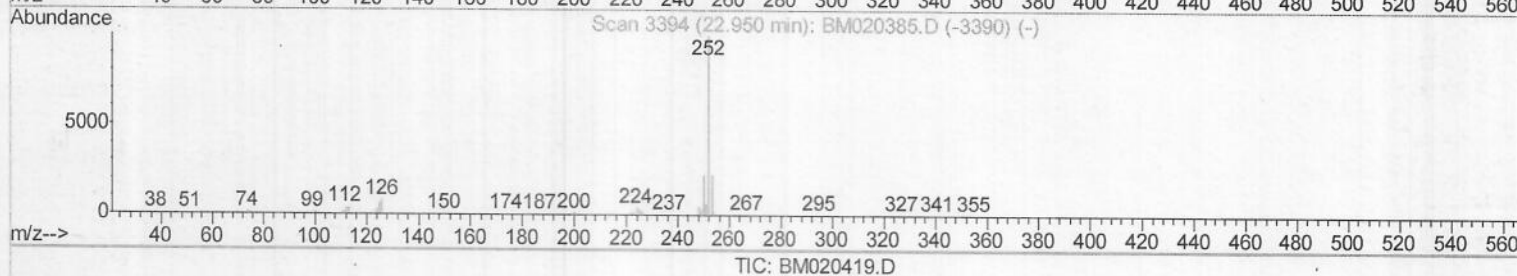
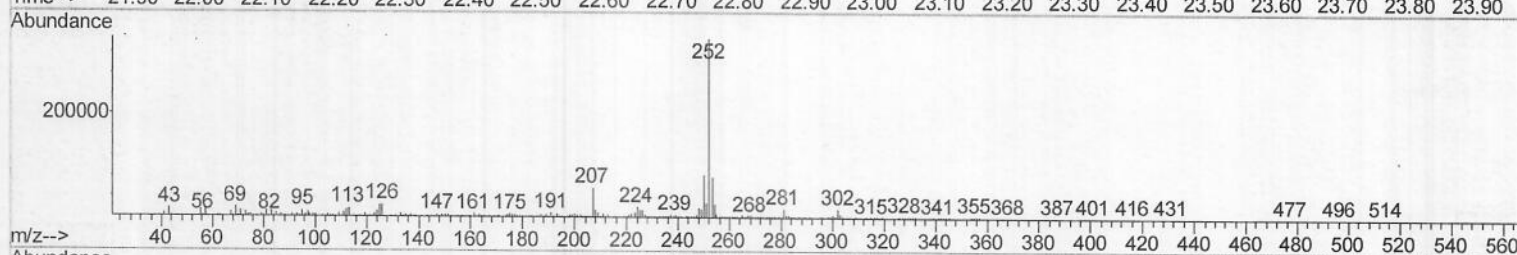
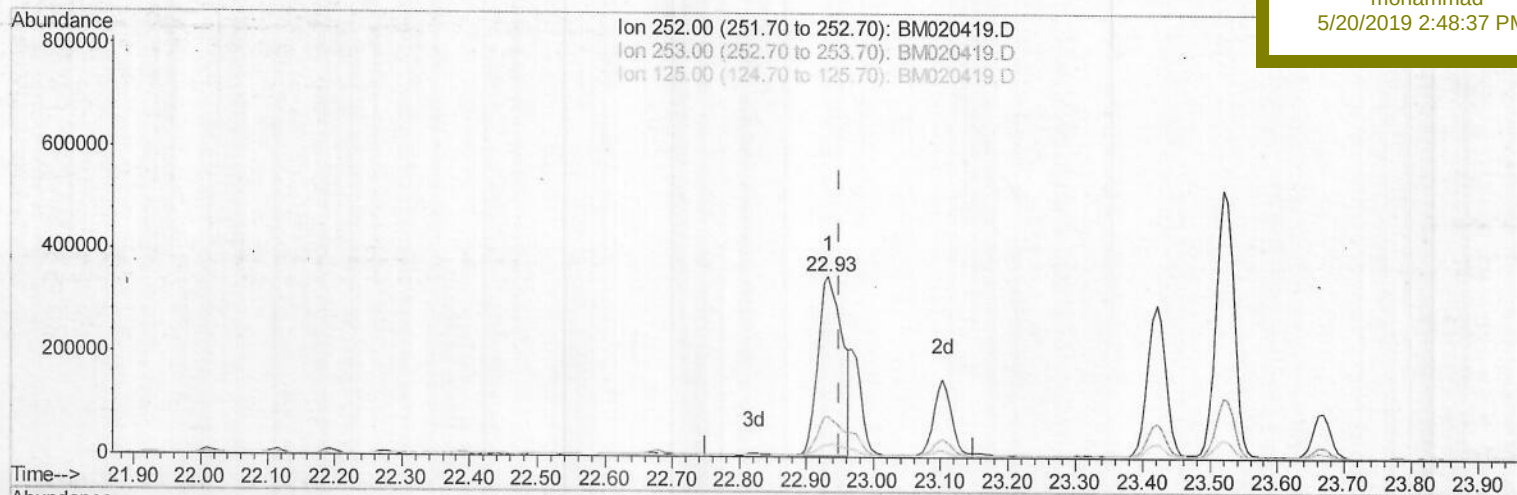
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051819\
Data File : BM020419.D
Acq On : 19 May 2019 03:30
Operator : JU/SJ
Sample : K2633-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 20 07:15:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
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Instrument :
BNA_M
ClientSampleId :
GAJA2

Manual Integrations
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(88) Benzo(k)fluoranthene

22.933min (-0.018) 30.70ng/ul

response 879798

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.63
125.00	6.30	6.98
0.00	0.00	0.00

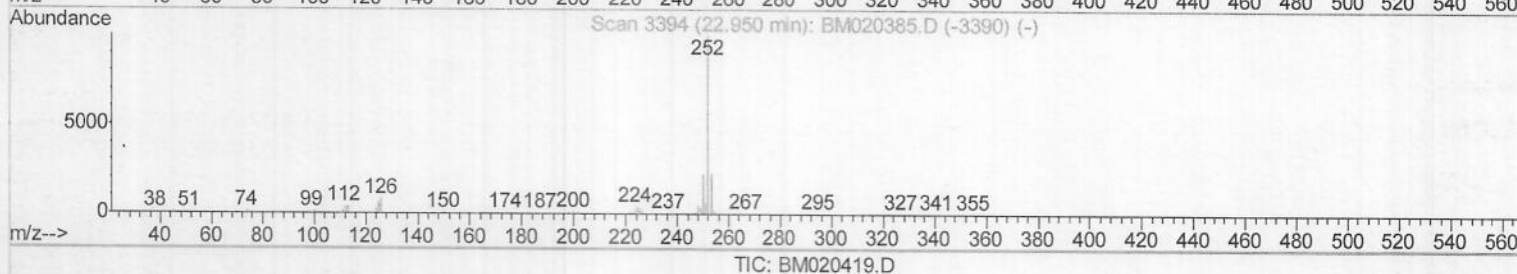
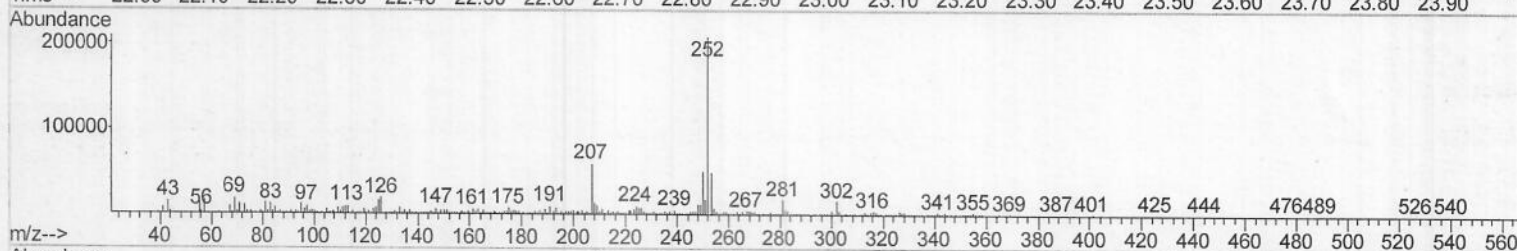
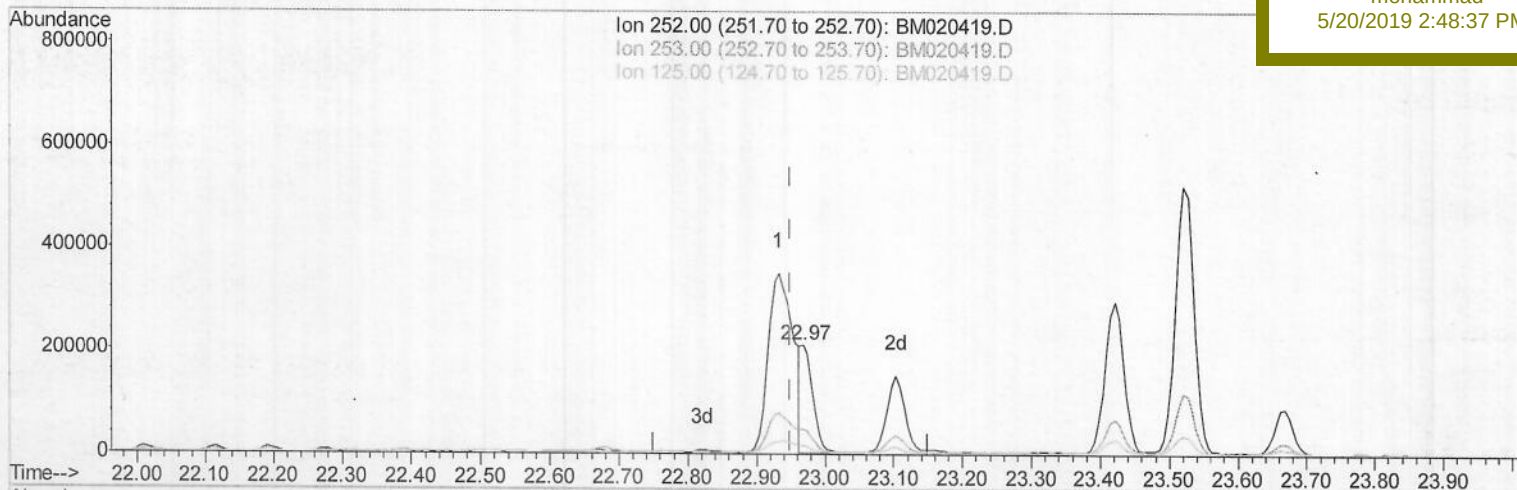
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051819\
Data File : BM020419.D
Acq On : 19 May 2019 03:30
Operator : JU/SJ
Sample : K2633-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 20 07:15:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
GAJA2

Manual Integrations
APPROVED

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(88) Benzo(k)fluoranthene

22.968min (+0.018) 8.16ng/ul m

JU05/21/19

response 233754

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.18
125.00	6.30	7.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020419.D
 Acq On : 19 May 2019 03:30
 Operator : JU/SJ
 Sample : K2633-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 GAJA2

Quant Time: May 21 10:18:13 2019
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 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	124562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	478099	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	266741	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	531761	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	417501	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	511149	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	14726	4.36	ng/uL	0.00
5) Phenol-d5	6.90	99	279390	28.12	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	177335	28.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	210991	28.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	212150	29.32	ng/ul	0.01
19) Nitrobenzene-d5	8.91	128	102914	33.08	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	112496	32.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	217862	30.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	180995	24.16	ng/ul	0.01
43) Dimethylphthalate-d6	13.80	166	650001	33.87	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	779753	32.48	ng/ul	0.01
51) 4-Nitrophenol-d4	14.61	143	61788m	22.17	ng/ul	0.01
57) Fluorene-d10	15.39	176	527023	30.88	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	36524	12.06	ng/ul	0.02
70) Anthracene-d10	17.24	188	738070	32.36	ng/ul	0.01
78) Pyrene-d10	19.54	212	724105	36.01	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	740883	31.90	ng/ul	0.03
Target Compounds						
6) Phenol	6.93	94	50125	4.795	ng/ul	98
28) Naphthalene	10.58	128	159554	7.264	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	106021	6.666	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	35710	1.870	ng/ul	97
44) Dimethylphthalate	13.85	163	184766	9.732	ng/ul#	98
47) Acenaphthylene	14.12	152	381196	16.839	ng/ul	98
58) Fluorene	15.45	166	90351	4.786	ng/ul	99
69) Phenanthrene	17.19	178	413959	16.338	ng/ul	99
71) Anthracene	17.28	178	230572	8.946	ng/ul	98
76) Fluoranthene	19.21	202	644168	20.127	ng/ul	99
79) Pyrene	19.57	202	1484150	59.226	ng/ul	98
82) Benzo(a)anthracene	21.32	228	568866m	22.638	ng/ul	
84) Chrysene	21.37	228	558435	23.254	ng/ul	95
87) Benzo(b)fluoranthene	22.93	252	879798	30.158	ng/ul	97
88) Benzo(k)fluoranthene	22.97	252	233754m	8.158	ng/ul	
90) Benzo(a)pyrene	23.52	252	968554	35.279	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.94	276	520658	16.644	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.94	278	135747	5.074	ng/ul#	93
93) Benzo(a,h,i)perylene	26.66	276	484922	18.726	ng/ul	97

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