

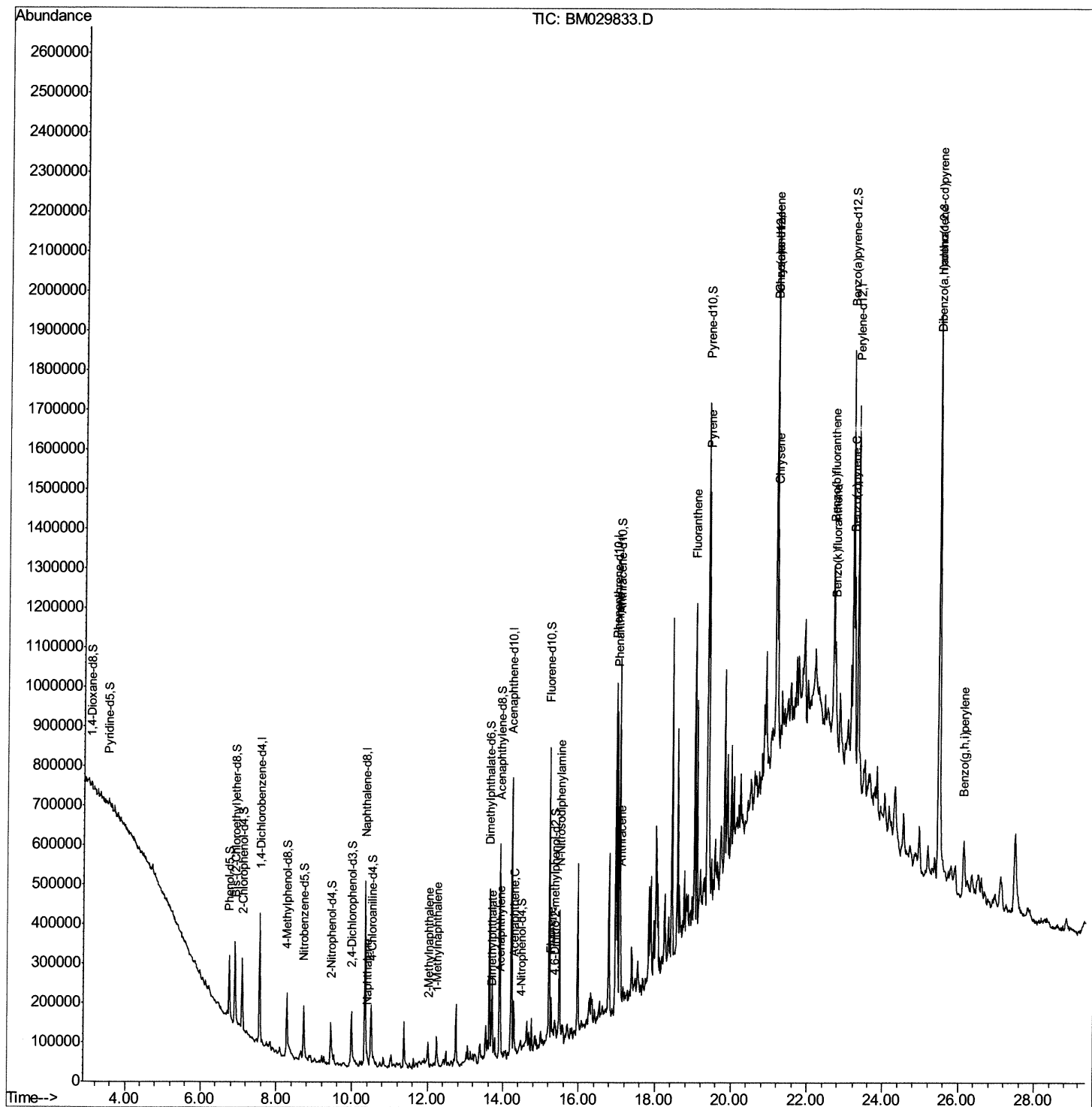
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BG596

Manual Integrations
APPROVED

mohammad
5/6/2021 4:49:11 PM

Quant Time: Mav 06 07:53:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



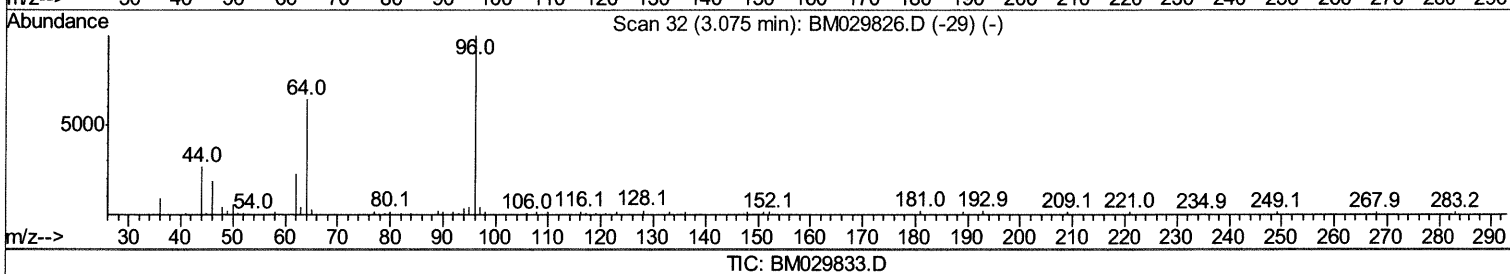
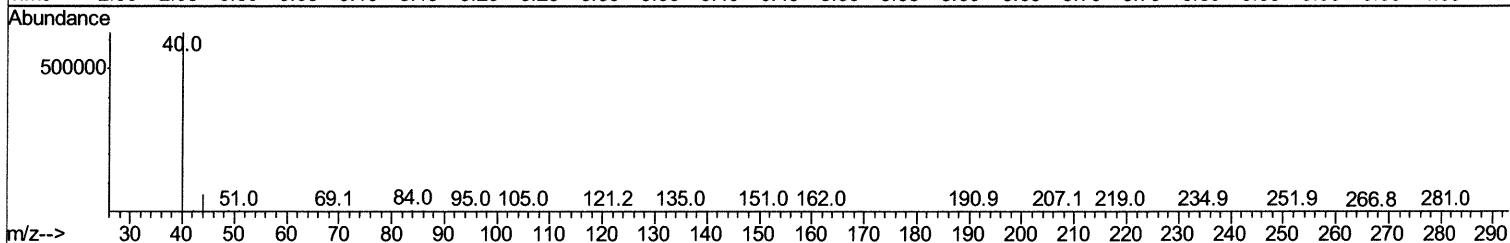
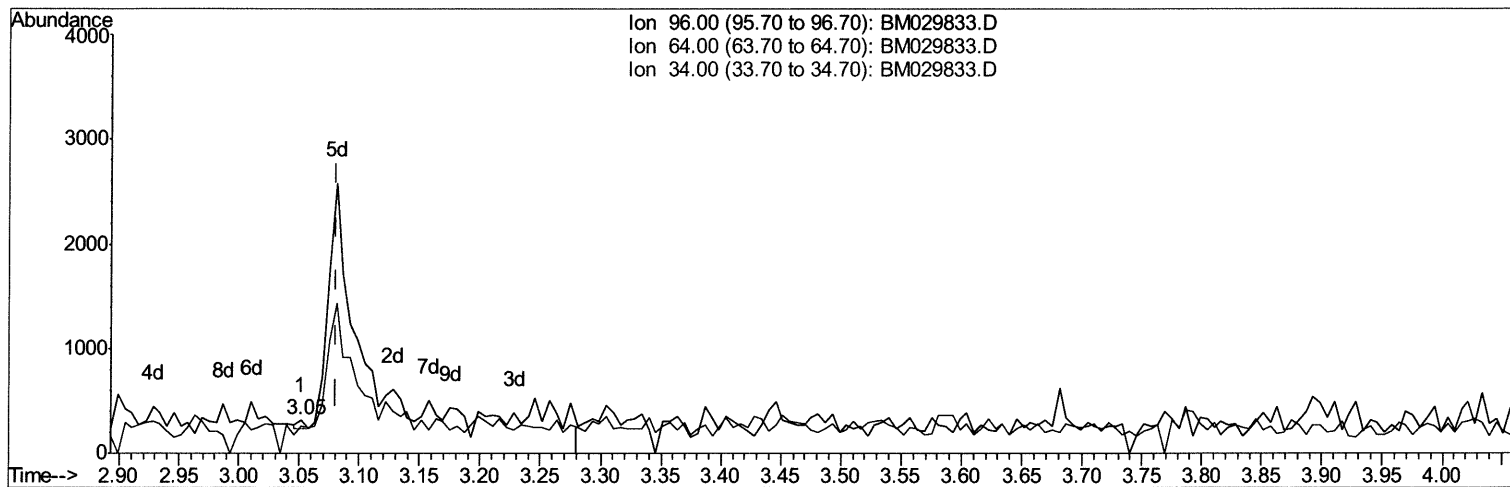
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
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Manual Integrations
APPROVED

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5/6/2021 4:49:11 PM

Quant Time: May 06 01:58:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



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

3.052min (-0.029) 0.01ng/uL

response 30

Ion	Exp%	Act%
96.00	100	100
64.00	70.90	81.73
34.00	0.00	0.00
0.00	0.00	0.00

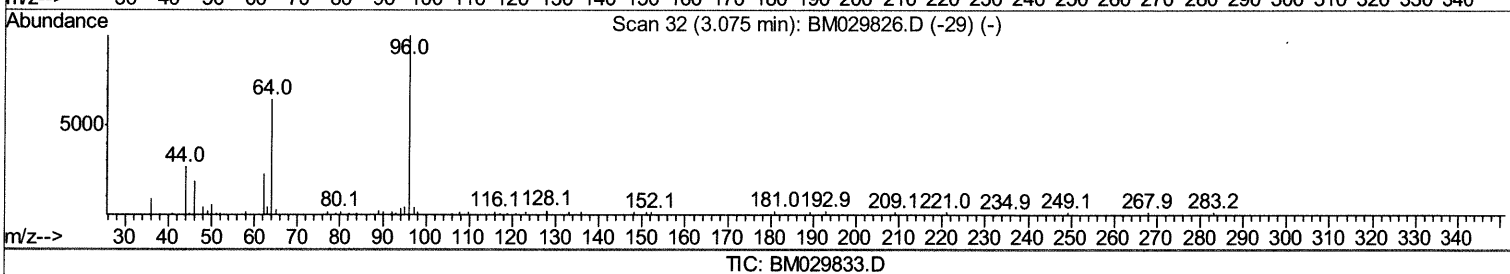
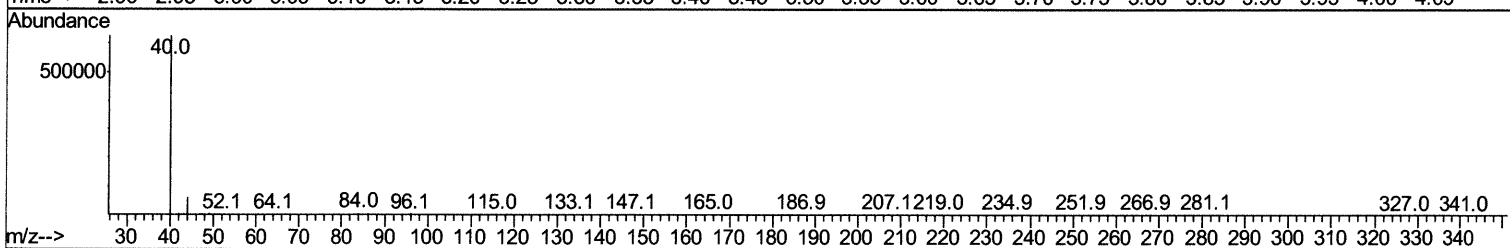
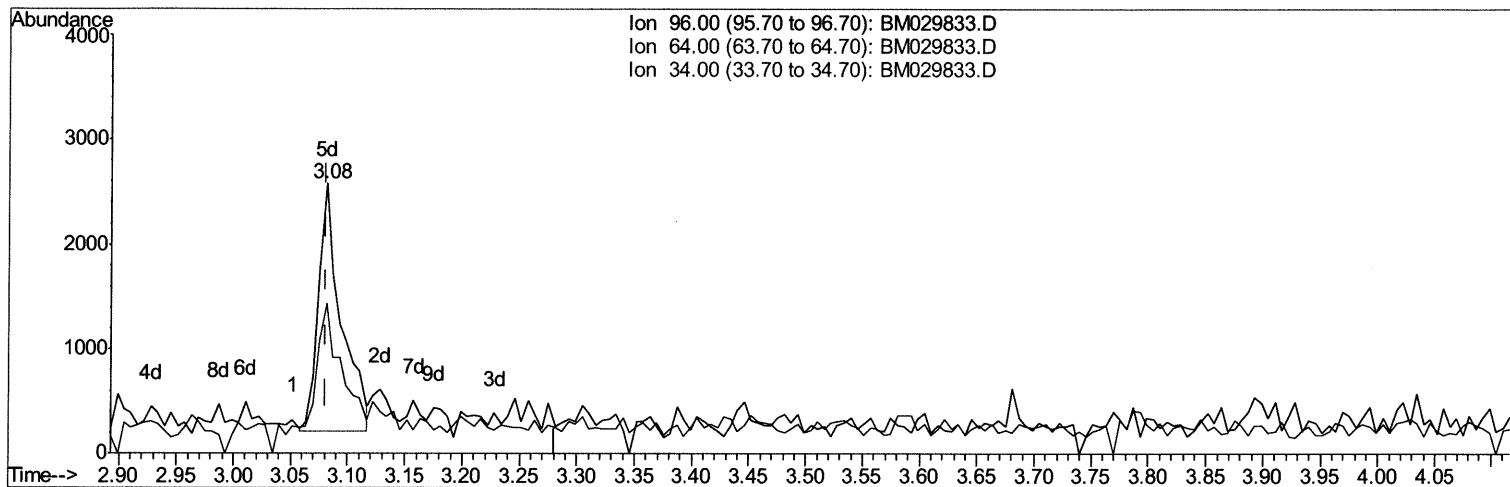
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
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Misc :
ALS Vial : 52 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Mav 06 01:58:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
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QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



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

3.081min (+0.000) 1.39ng/uL m 05/07/21 JU

response 3307

Ion	Exp%	Act%
96.00	100	100
64.00	70.90	55.25#
34.00	0.00	0.00
0.00	0.00	0.00

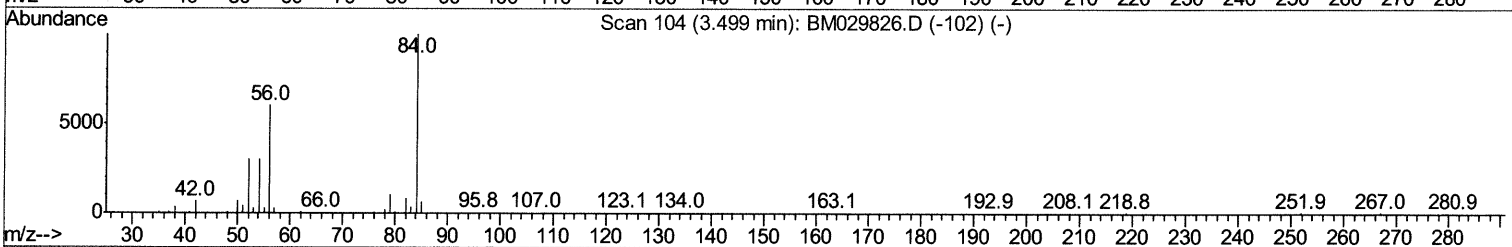
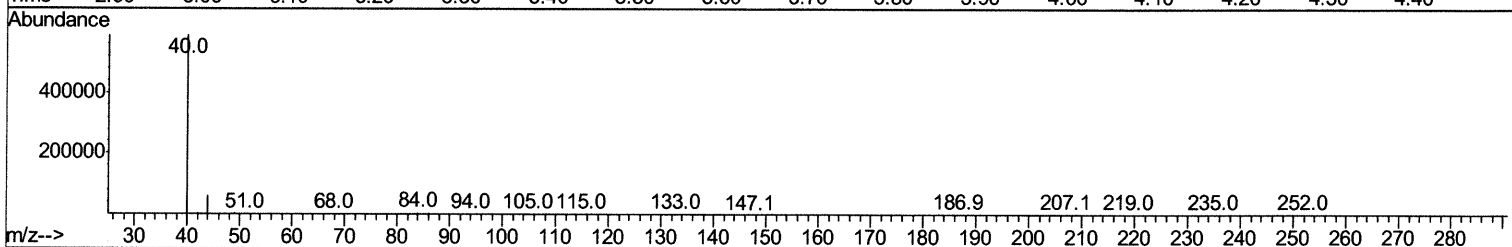
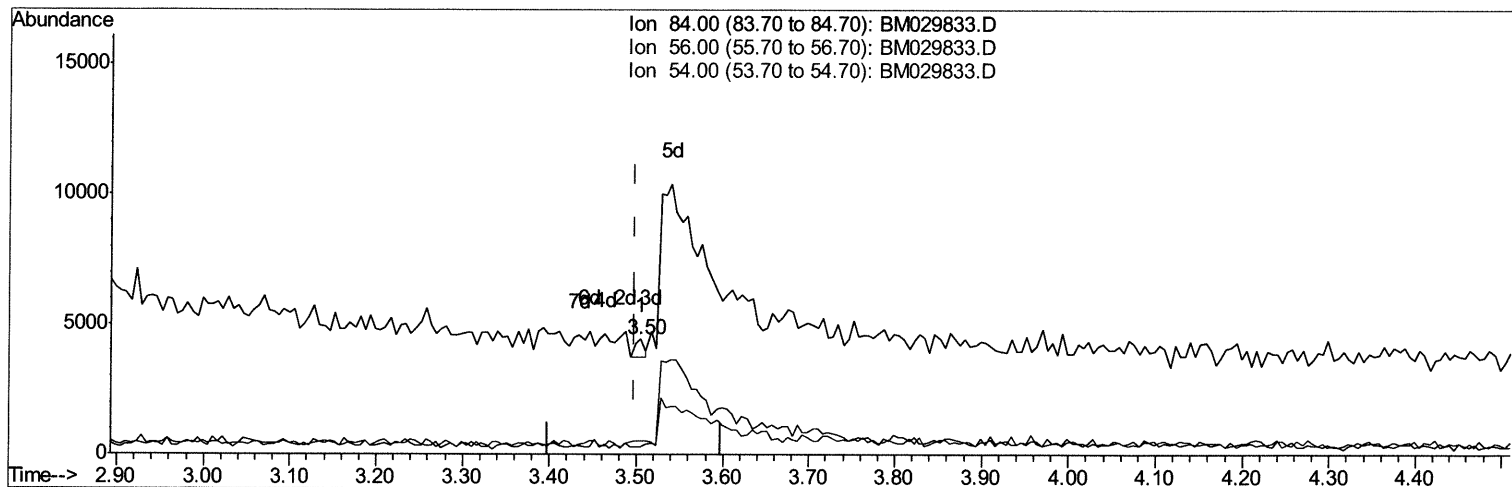
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Mav 06 02:00:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
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TIC: BM029833.D

(4) Pyridine-d5 (S)

3.505min (+0.006) 0.10ng/ul

response 527

Ion	Exp%	Act%
84.00	100	100
56.00	66.30	6.65#
54.00	32.40	11.66#
0.00	0.00	0.00

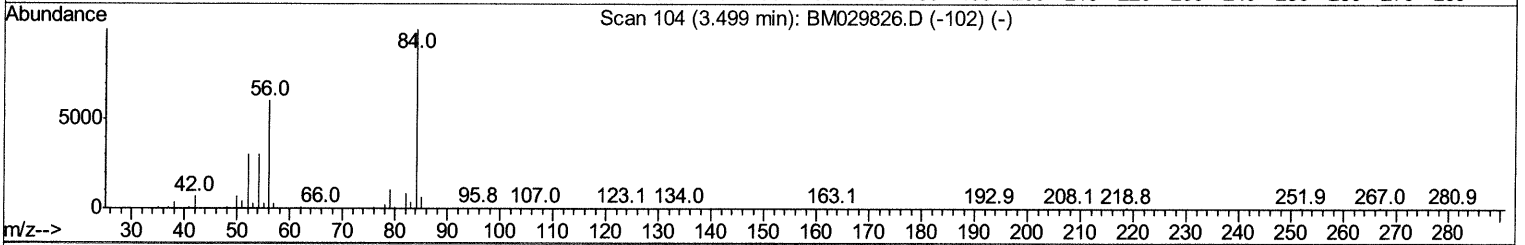
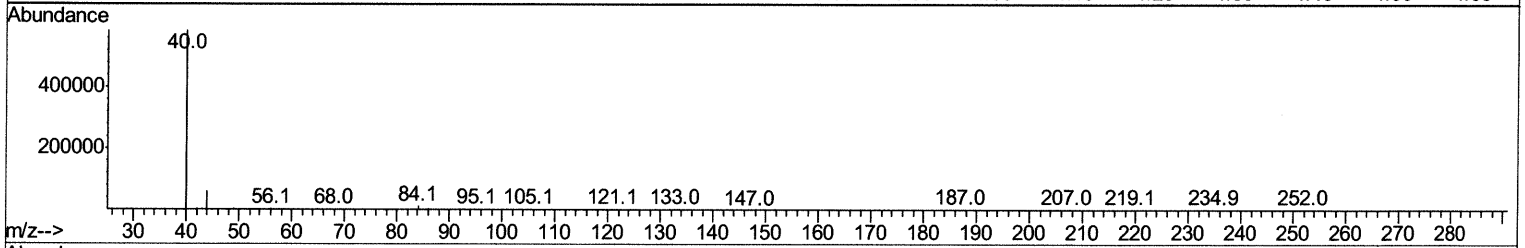
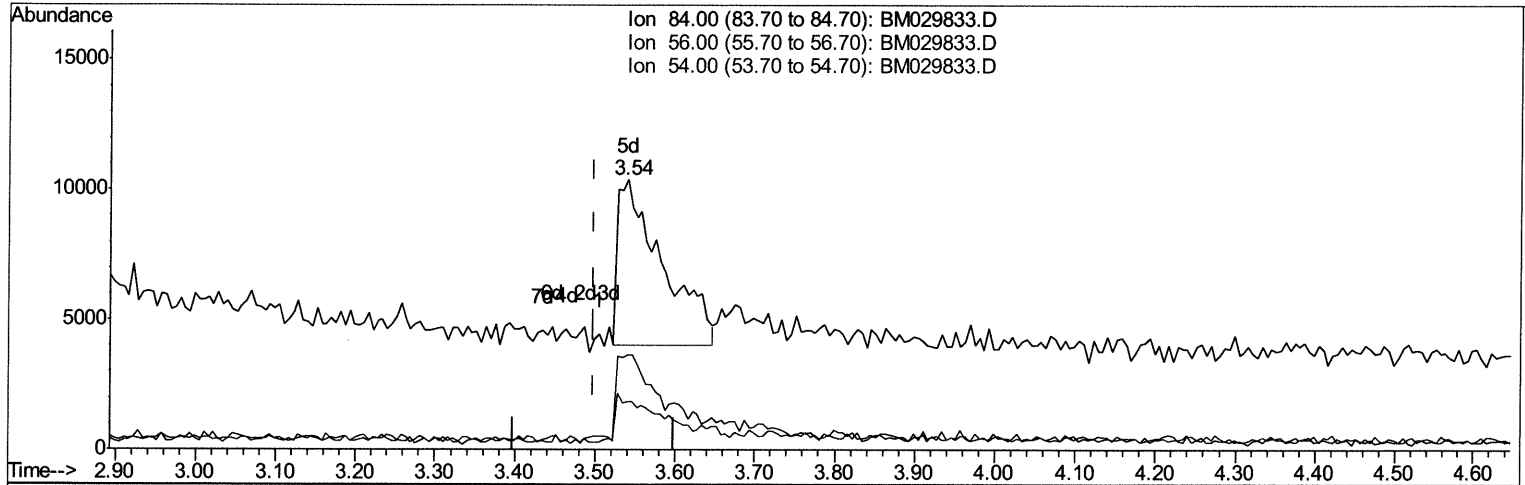
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: May 06 02:00:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
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Response via : Initial Calibration



TIC: BM029833.D

(4) Pyridine-d5 (S)

3.540min (+0.041) 4.53ng/ul m 05/07/21 JU

response 24645

Ion	Exp%	Act%
84.00	100	100
56.00	66.30	34.82#
54.00	32.40	17.63#
0.00	0.00	0.00

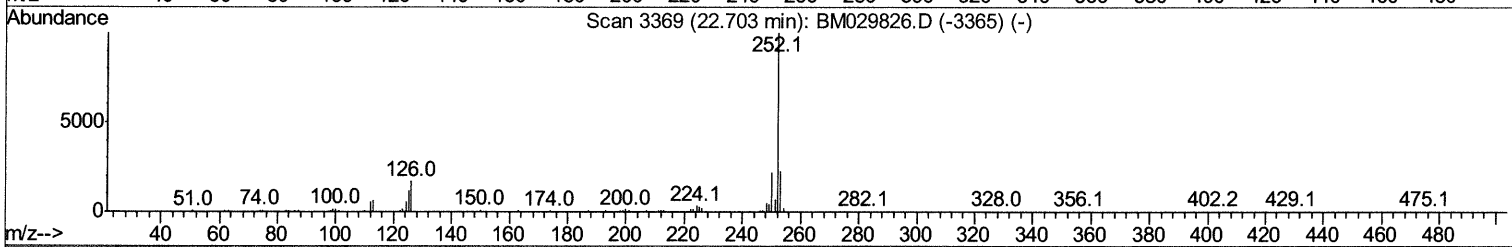
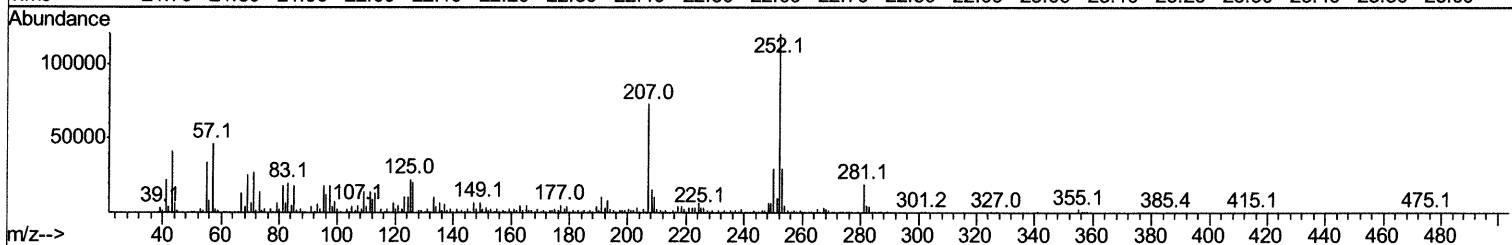
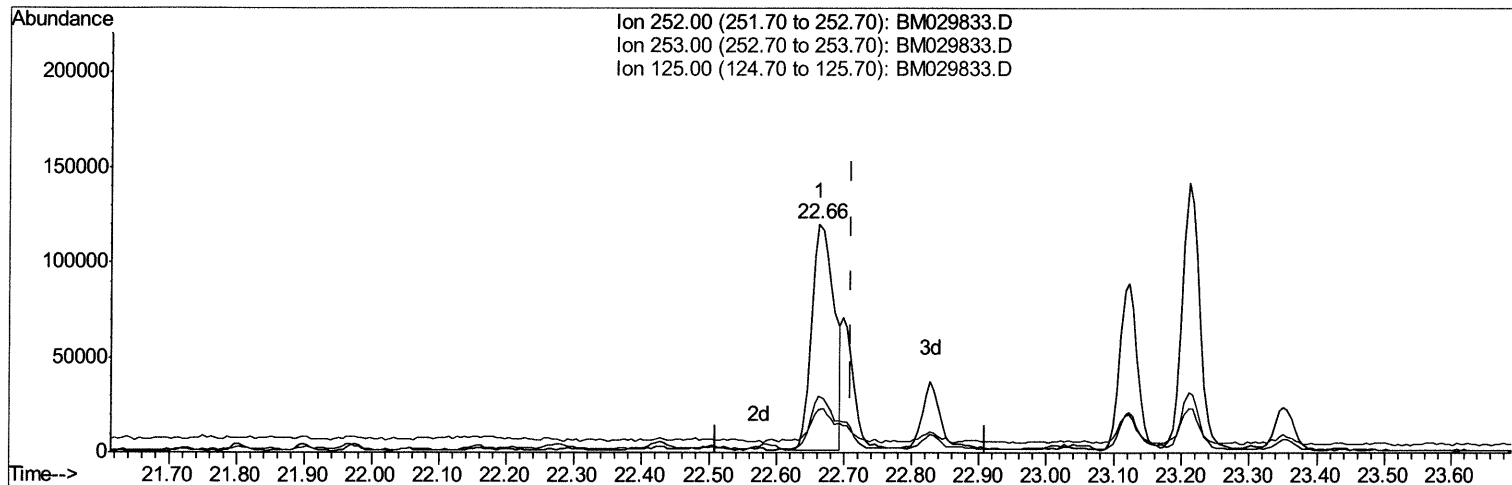
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG596

Manual Integrations
APPROVED

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Quant Time: May 06 02:01:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



TIC: BM029833.D

(91) Benzo(k)fluoranthene

22.662min (-0.047) 6.85ng/ul

response 273316

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.92
125.00	11.10	18.61#
0.00	0.00	0.00

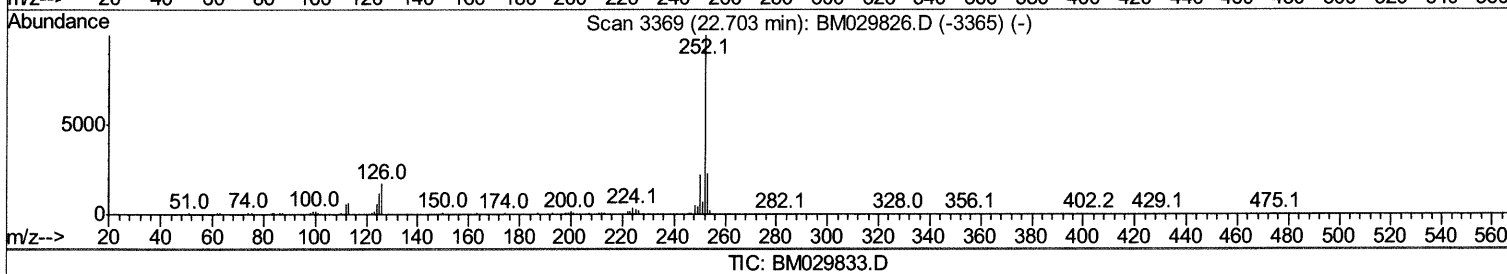
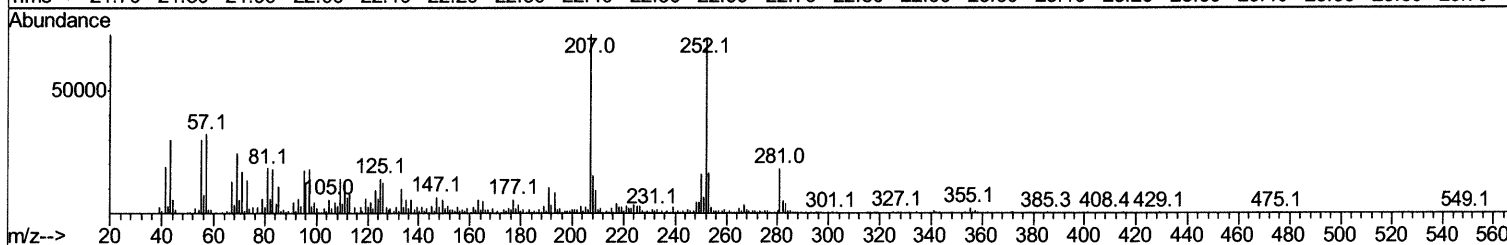
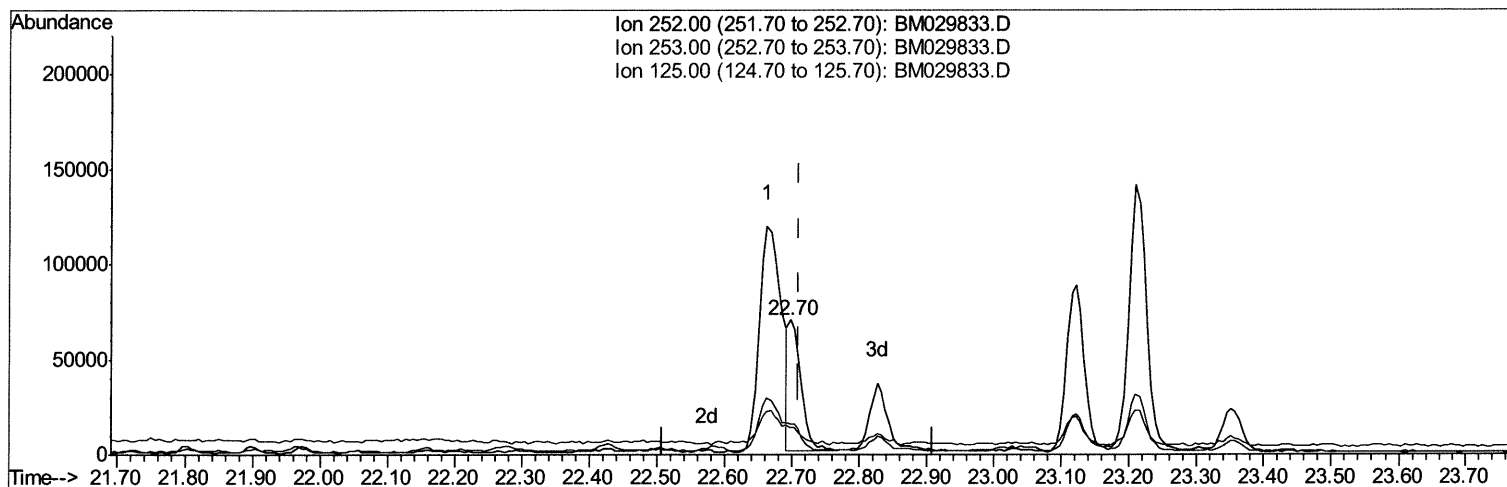
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Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG596

Manual Integrations
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5/6/2021 4:49:11 PM

Quant Time: May 06 02:01:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.698min (-0.012) 2.17ng/ul m 05/07/21

response 86657

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.19
125.00	11.10	20.21#
0.00	0.00	0.00

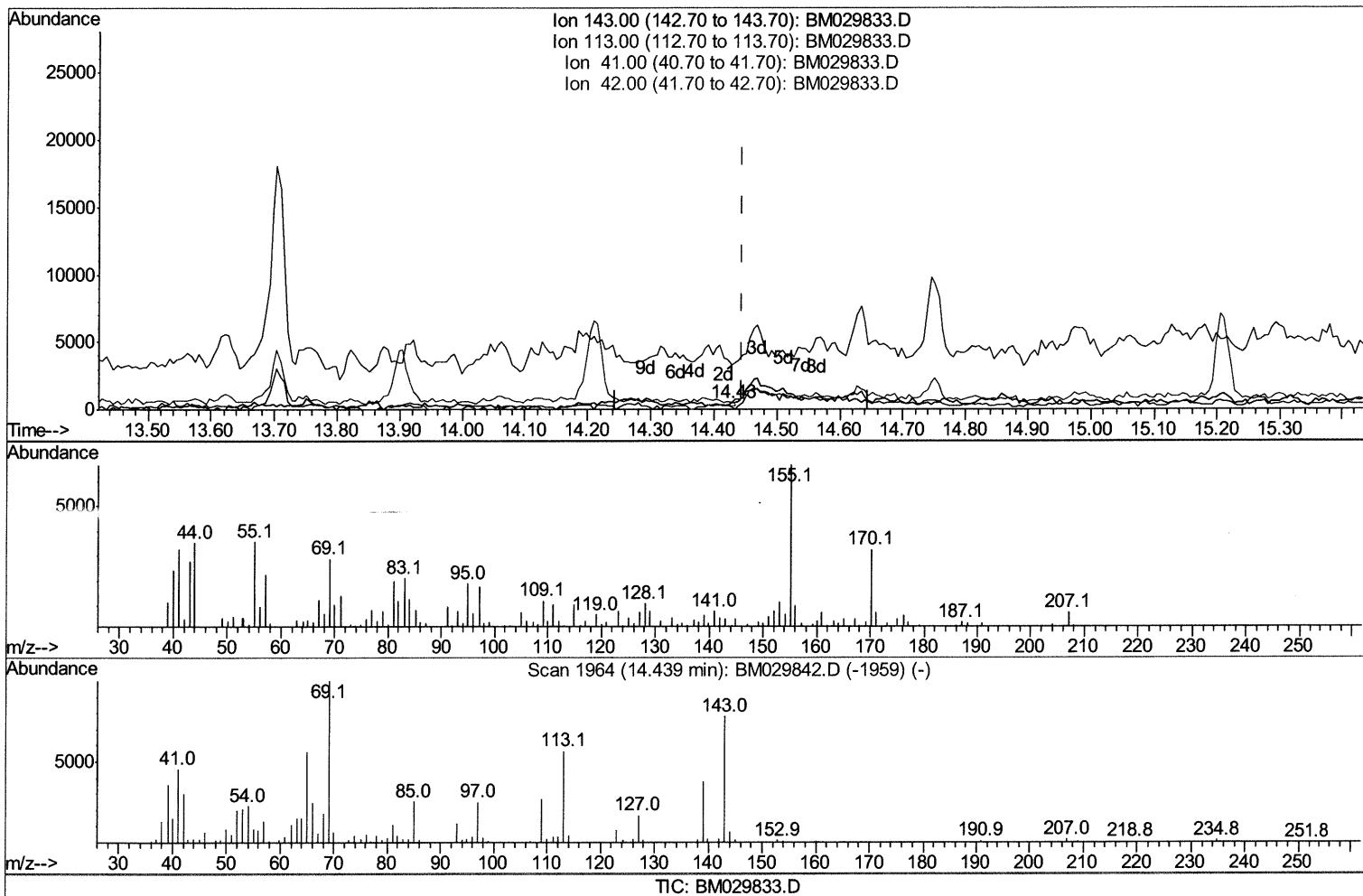
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Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG596

Manual Integrations
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mohammad
5/6/2021 4:49:11 PM

Quant Time: May 06 07:35:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.427min (-0.017) 0.05ng/ul

response 133

Ion	Exp%	Act%
143.00	100	100
113.00	67.10	43.13#
41.00	45.40	697.04#
42.00	30.10	97.04#

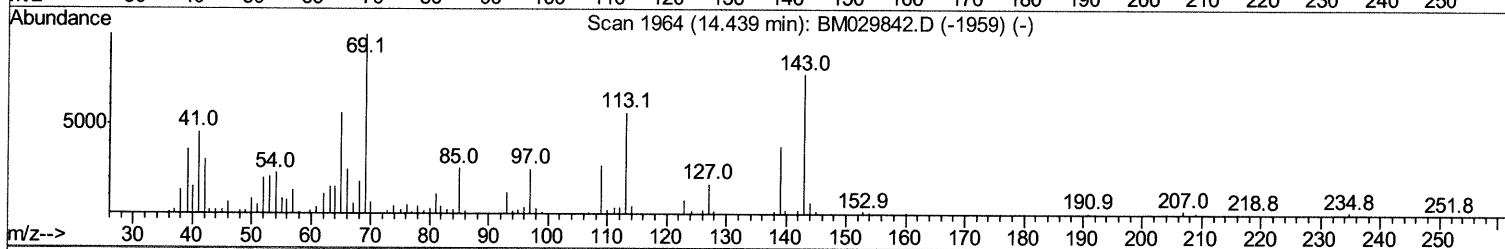
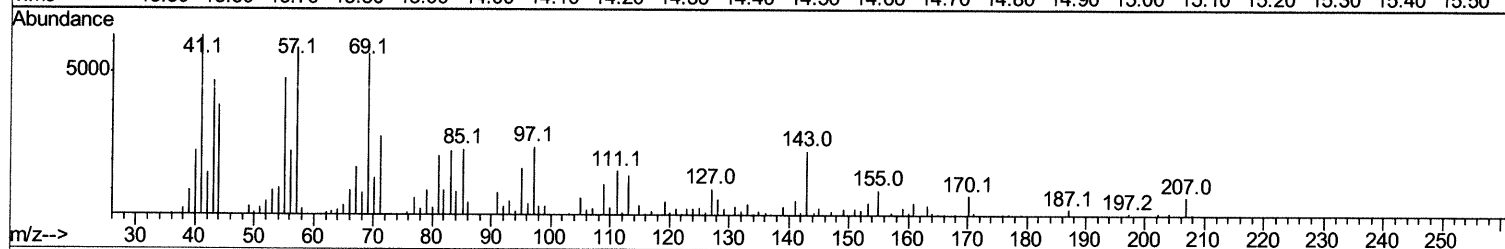
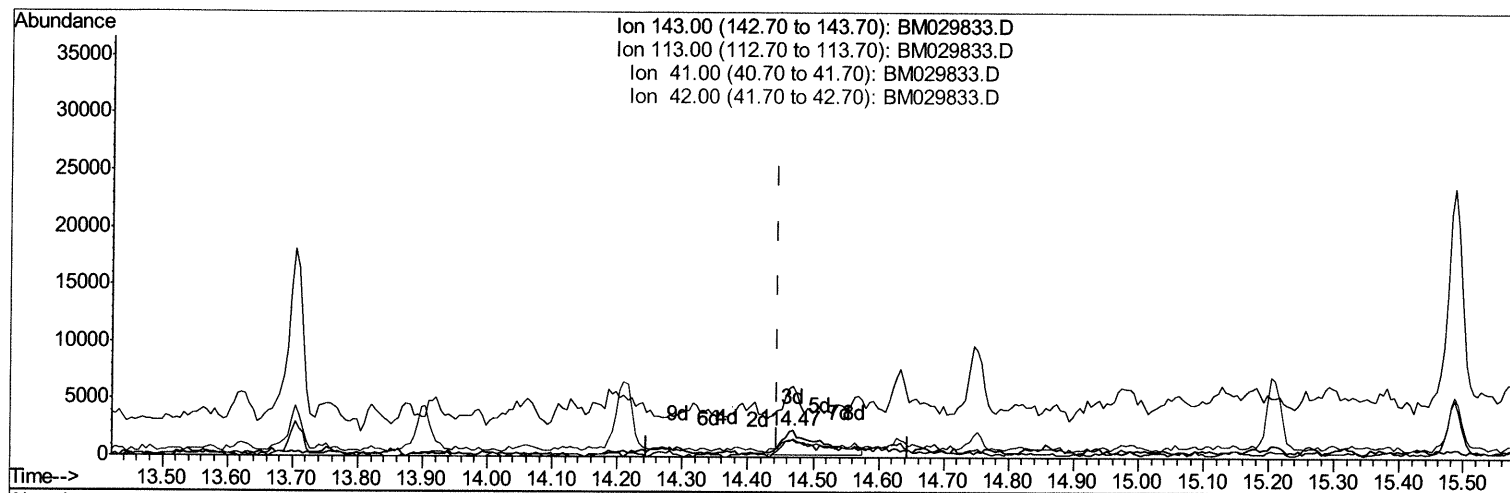
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Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BG596

Manual Integrations
APPROVED

mohammad
5/6/2021 4:49:11 PM

Quant Time: May 06 07:35:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



TIC: BM029833.D

(54) 4-Nitrophenol-d4 (S)

14.469min (+0.024) 3.41ng/ul m 05/07/21 JU

response 8707

Ion	Exp%	Act%
143.00	100	100
113.00	67.10	63.68
41.00	45.40	268.68#
42.00	30.10	67.73#

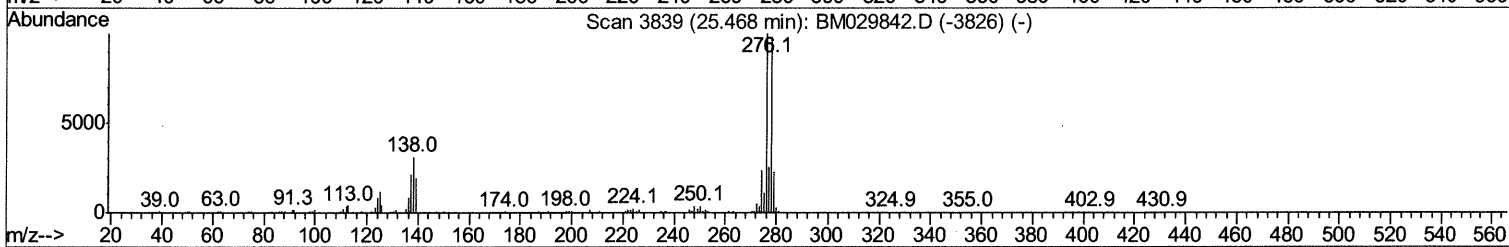
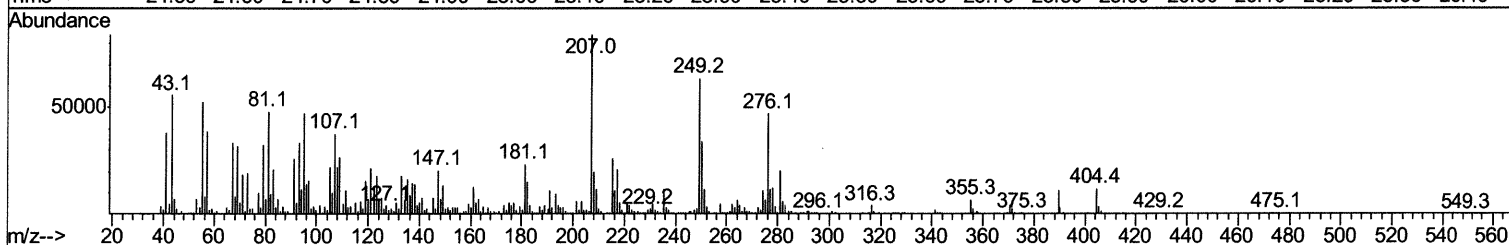
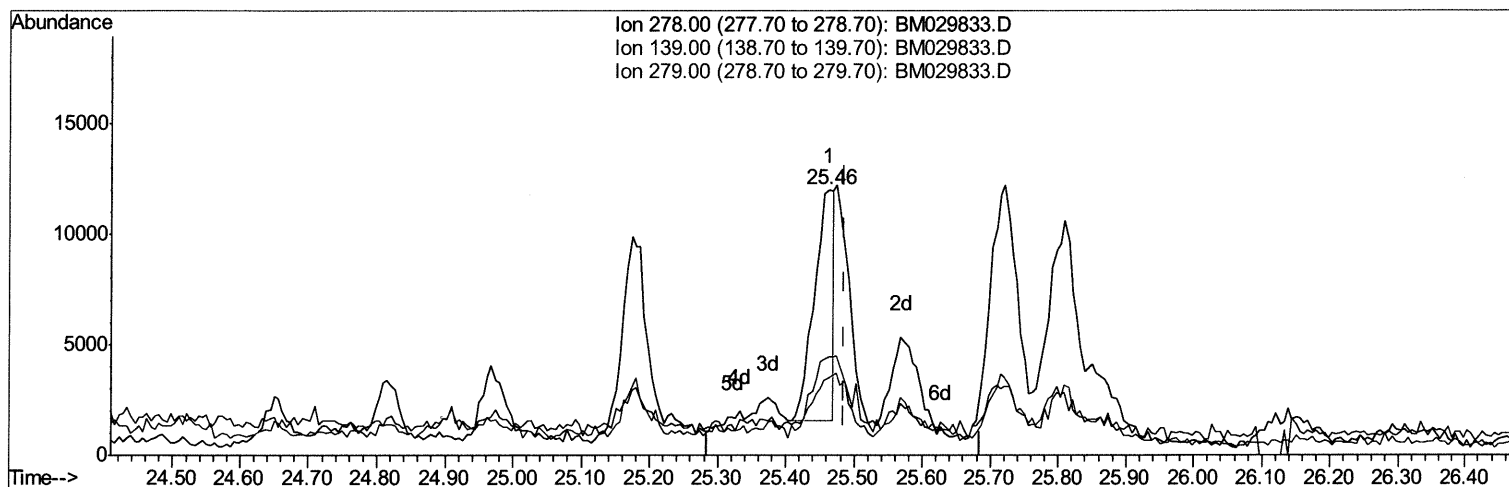
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Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG596

Manual Integrations
APPROVED

mohammad
5/6/2021 4:49:11 PM

Quant Time: May 06 08:28:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



TIC: BM029833.D

(95) Dibenzo(a,h)anthracene

25.462min (-0.023) 0.51ng/ul

response 20577

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	36.77#
279.00	23.00	28.92#
0.00	0.00	0.00

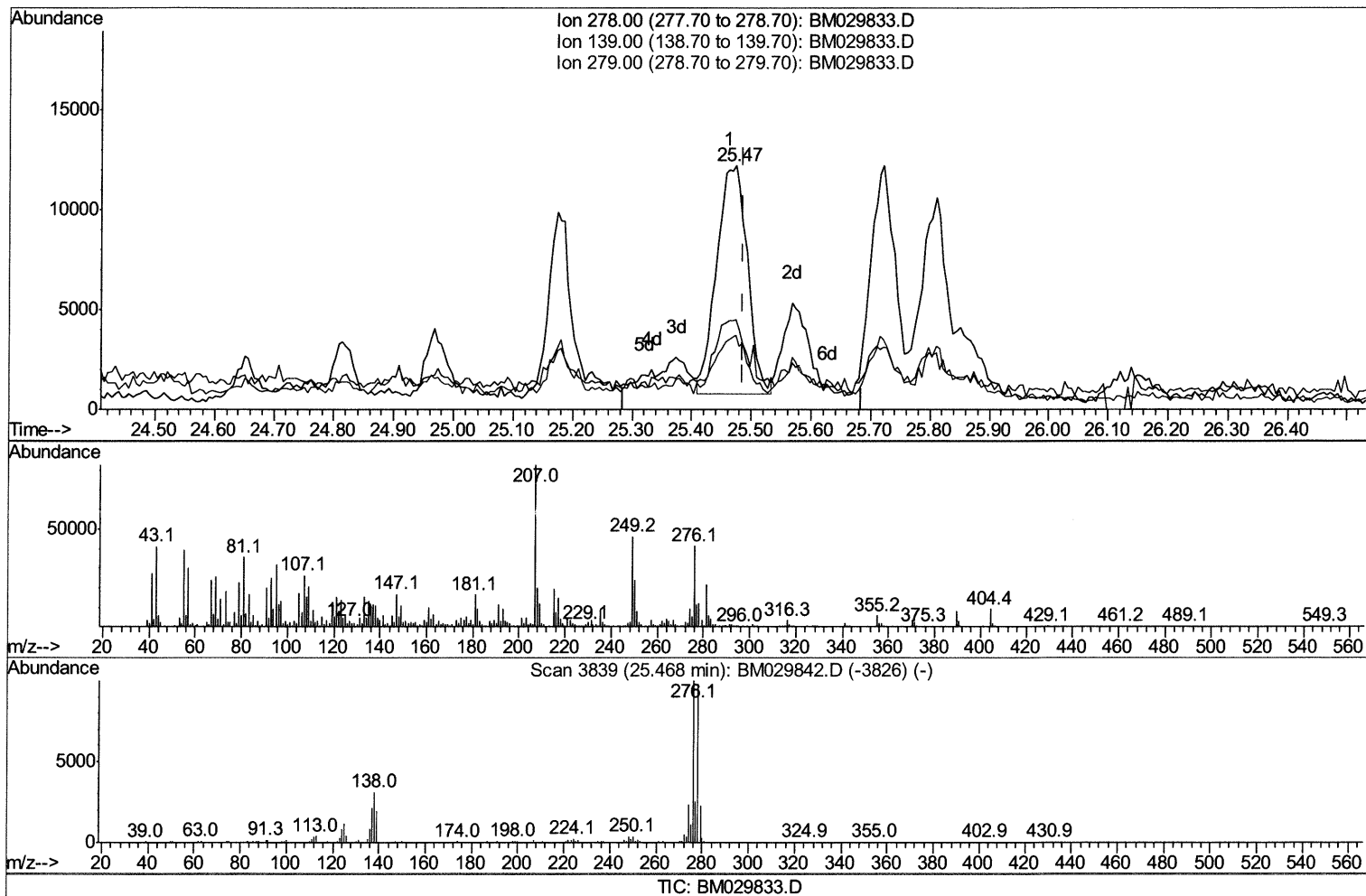
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Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG596

Manual Integrations
APPROVED

mohammad
5/6/2021 4:49:11 PM

Quant Time: May 06 07:46:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

25.474min (-0.012) 1.02ng/ul m 05/07/21 JU

response 41200

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	36.88#
279.00	23.00	30.37#
0.00	0.00	0.00

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 Data File : BM029833.D
 Acq On : 05 May 2021 18:57
 Operator : CG/JU
 Sample : M2192-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
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Manual Integrations
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mohammad
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 QLast Update : Tue May 04 14:23:48 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87935	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	360914	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	222548	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	458940	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	534216	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	622072	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3307m	1.39	ng/ul	0.00	05/07/21 JU
4) Pyridine-d5	3.54	84	24645m	4.53	ng/ul	0.04	
7) Phenol-d5	6.75	99	101390	13.28	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	6.91	67	75626	16.03	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.10	132	90096	14.81	ng/ul	0.00	05/07/21 JU
15) 4-Methylphenol-d8	8.29	113	75612	12.41	ng/ul	0.00	
21) Nitrobenzene-d5	8.73	128	32932	12.28	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.44	143	32504	11.10	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	9.98	165	64659	11.81	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.50	131	92718	11.62	ng/ul	0.00	
46) Dimethylphthalate-d6	13.63	166	264459	15.91	ng/ul	0.00	
49) Acenaphthylene-d8	13.90	160	362290	16.67	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.47	143	8707m	3.41	ng/ul	0.02	
60) Fluorene-d10	15.21	176	272099	19.24	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.35	200	8781	2.85	ng/ul	0.00	
73) Anthracene-d10	17.06	188	458250	20.19	ng/ul	0.00	
81) Pyrene-d10	19.35	212	564959	20.61	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.17	264	697705	19.97	ng/ul	0.00	

Target Compounds

						Ovalue
30) Naphthalene	10.39	128	26418	1.331	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	21158	1.563	ng/ul	99
37) 1-Methylnaphthalene	12.23	142	32521	2.409	ng/ul#	99
47) Dimethylphthalate	13.68	163	19878	1.199	ng/ul#	91
50) Acenaphthylene	13.93	152	41162	1.943	ng/ul#	97
52) Acenaphthene	14.27	153	51035	3.410	ng/ul	97
61) Fluorene	15.27	166	43759	2.593	ng/ul#	99
67) N-Nitrosodiphenylamine	15.49	169	25792	1.718	ng/ul	99
72) Phenanthrene	17.00	178	422041	15.500	ng/ul	99
74) Anthracene	17.09	178	143996	5.193	ng/ul	97
80) Fluoranthene	19.02	202	430389	12.937	ng/ul	97
82) Pyrene	19.38	202	586430	16.558	ng/ul	96
85) Benzo(a)anthracene	21.13	228	270677	7.802	ng/ul	93
87) Chrysene	21.18	228	278186	7.925	ng/ul	97
90) Benzo(b)fluoranthene	22.66	252	273316	6.718	ng/ul#	90
91) Benzo(k)fluoranthene	22.70	252	86657m	2.170	ng/ul	90
93) Benzo(a)pyrene	23.21	252	249791	6.855	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.46	276	135766	2.807	ng/ul	96
95) Dibenzo(a,h)anthracene	25.47	278	41200m	1.019	ng/ul	96
96) Benzo(a,h,i)perylene	26.13	276	133066	3.297	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050421\
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ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed