

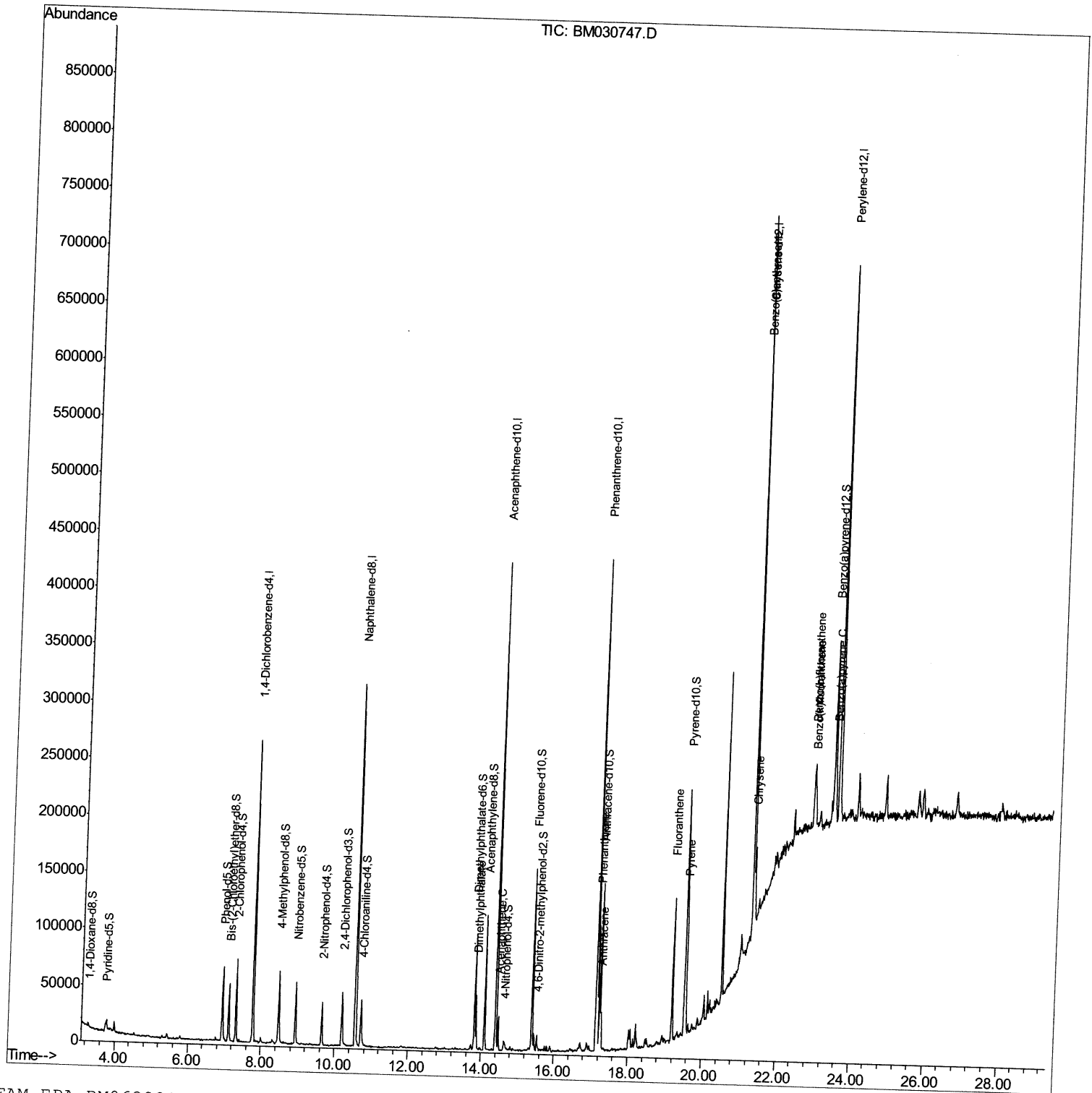
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030747.D
Acq On : 01 Jul 2021 17:27
Operator : CG/JU
Sample : M2825-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDR1

Manual Integrations
APPROVED

mohammad
7/2/2021 12:02:52 PM

Quant Time: Jul 01 18:07:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration



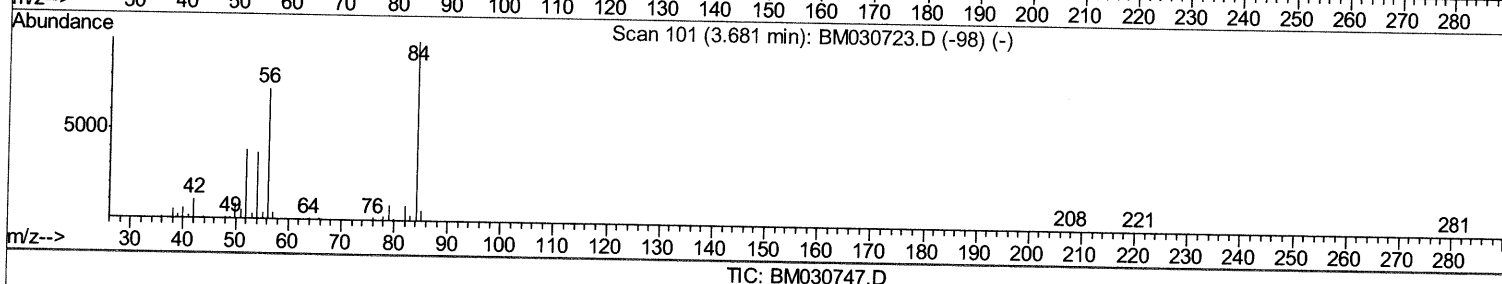
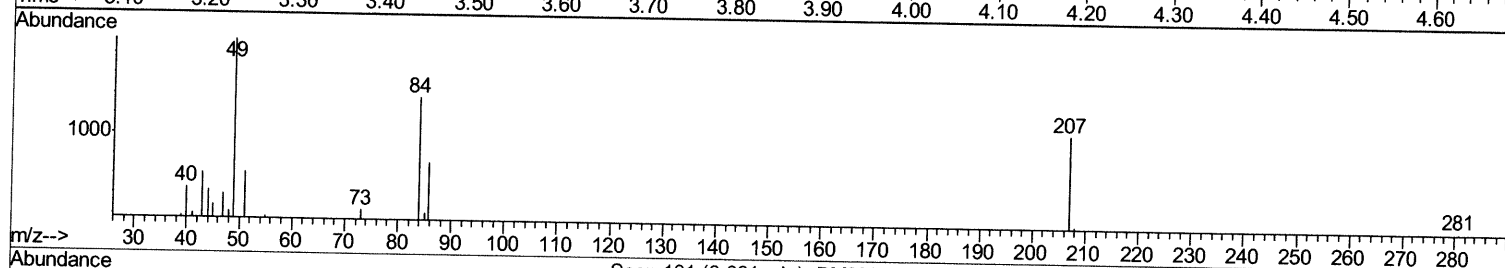
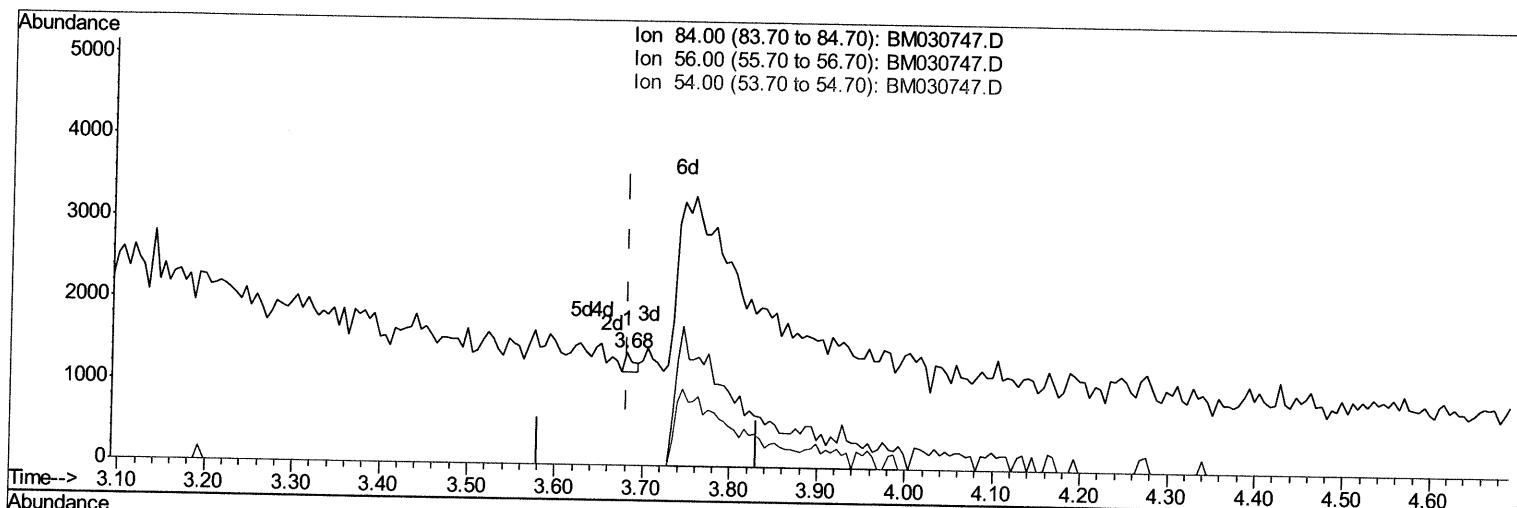
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Quant Time: Jul 01 18:01:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
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TIC: BM030747.D

(4) Pyridine-d5 (S)

3.681min (-0.000) 0.04ng/ul

response 159

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	0.00#
54.00	35.80	0.00#
0.00	0.00	0.00

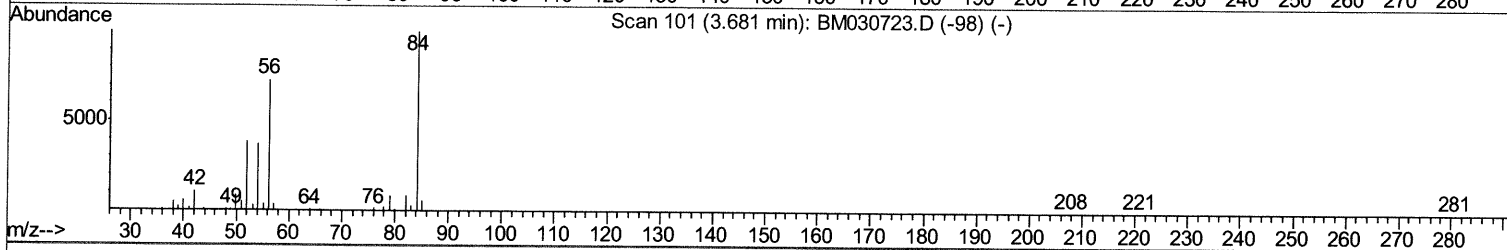
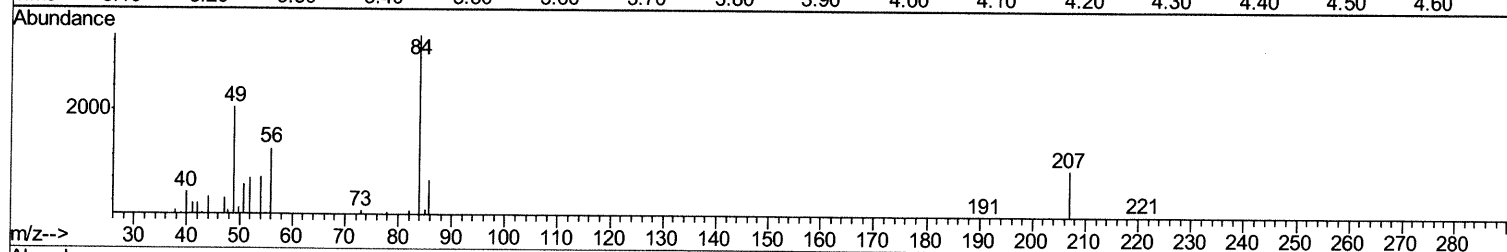
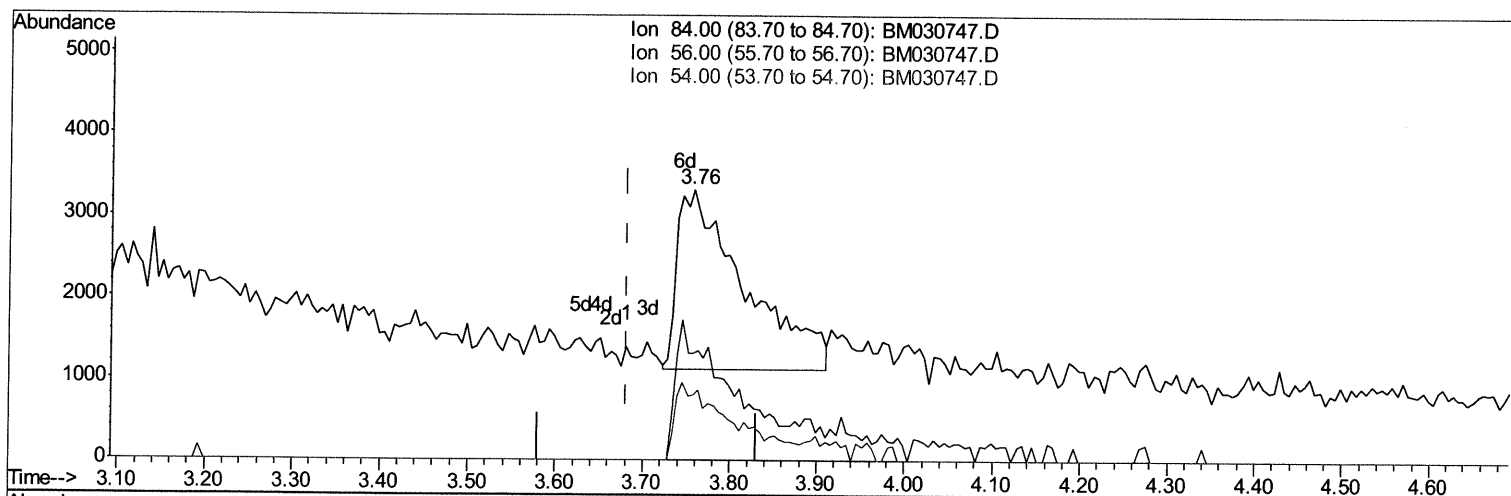
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TIC: BM030747.D

(4) Pyridine-d5 (S)

3.757min (+0.076) 2.59ng/ul m

5/7/21

response 11707

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	39.42#
54.00	35.80	24.06#
0.00	0.00	0.00

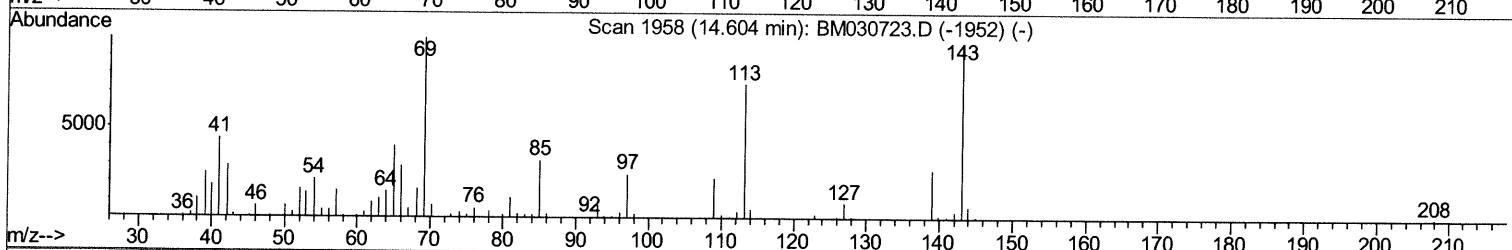
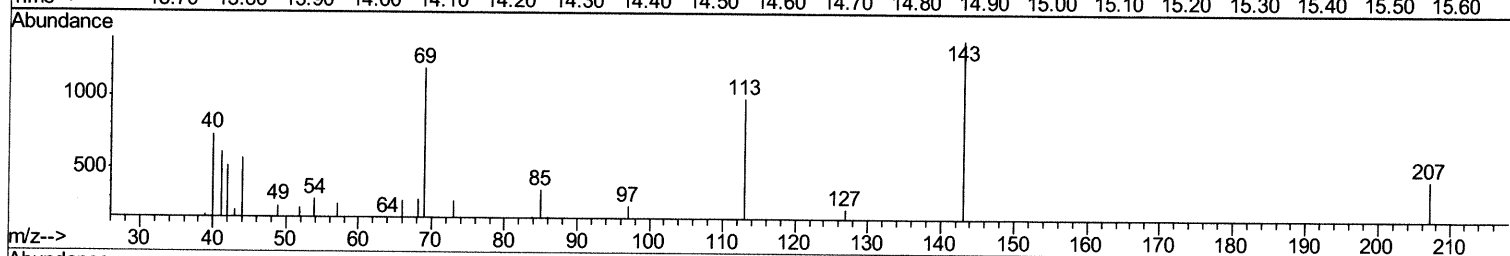
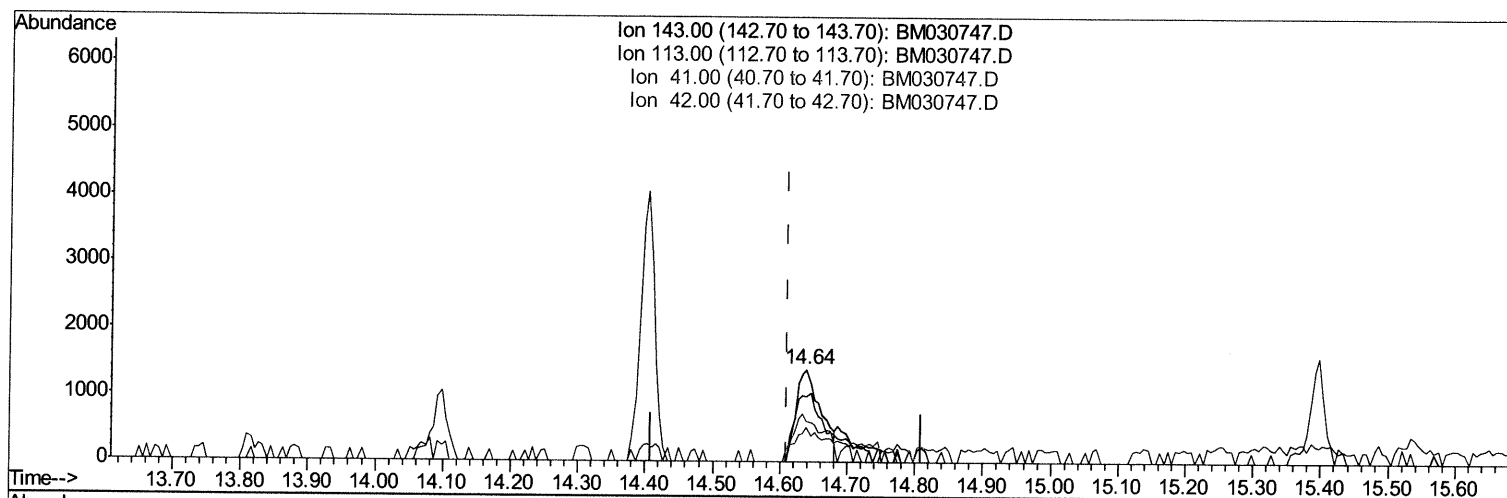
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Instrument :
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Manual Integrations
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TIC: BM030747.D

(54) 4-Nitrophenol-d4 (S)

14.639min (+0.029) 1.93ng/ul

response 3614

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	70.91
41.00	44.10	43.68
42.00	30.20	37.14#

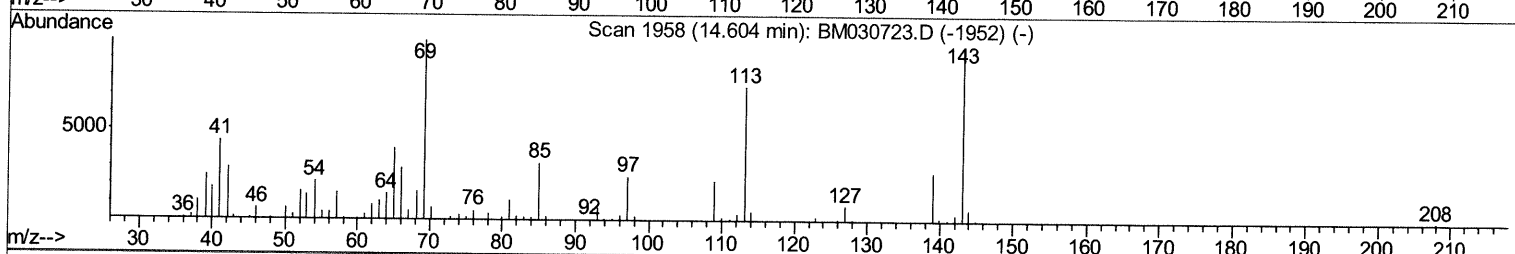
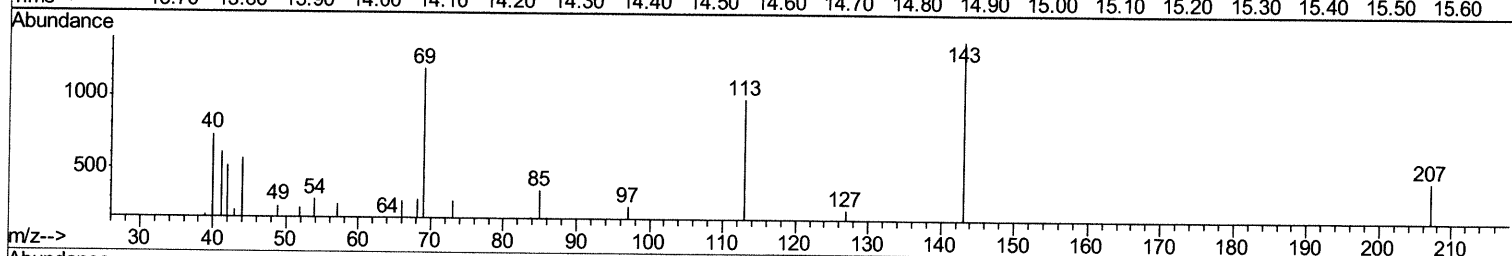
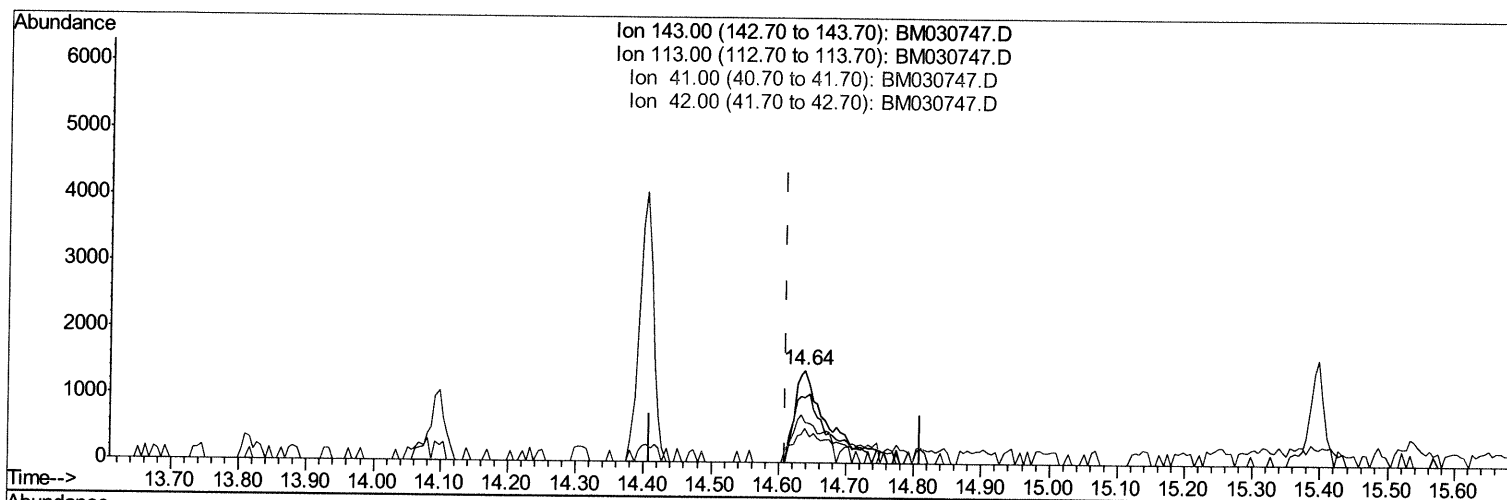
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
 Data File : BM030747.D
 Acq On : 01 Jul 2021 17:27
 Operator : CG/JU
 Sample : M2825-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR1

Manual Integrations
 APPROVED

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 Response via : Initial Calibration



TIC: BM030747.D

(54) 4-Nitrophenol-d4 (S)

14.639min (+0.029) 2.62ng/ul m

response 4895

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	70.91
41.00	44.10	43.68
42.00	30.20	37.14#

7/2/21 JU

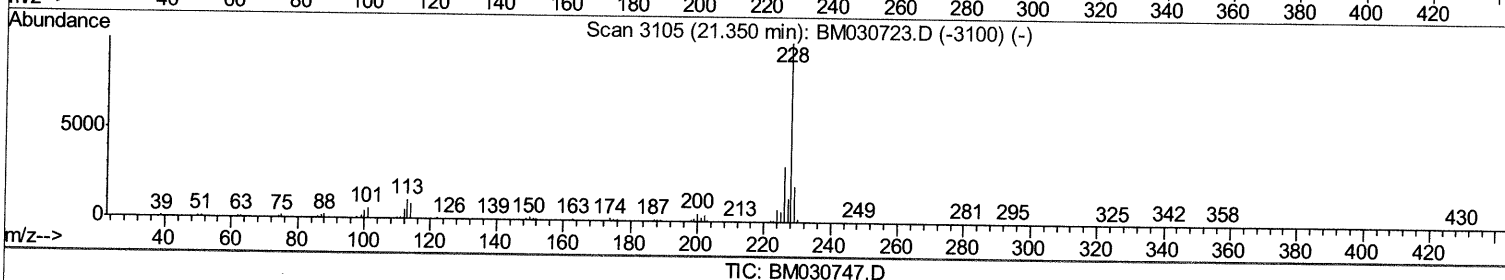
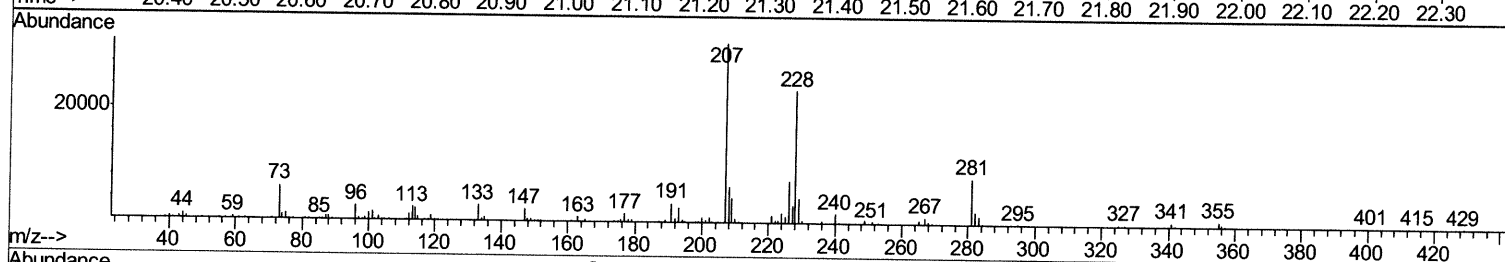
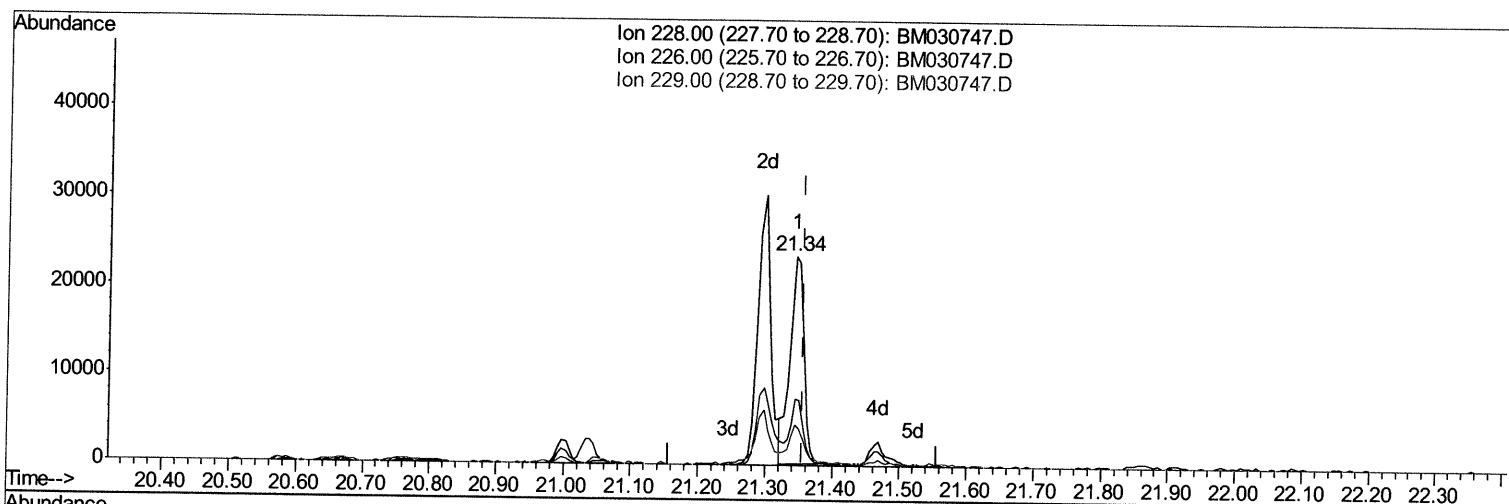
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
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Acq On : 01 Jul 2021 17:27
Operator : CG/JU
Sample : M2825-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDR1

Manual Integrations
APPROVED

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Quant Time: Jul 01 18:01:59 2021
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(87) Chrysene

21.344min (-0.012) 2.04ng/ul

response 34019

Ion	Exp%	Act%
228.00	100	100
226.00	29.50	31.63
229.00	19.90	19.23
0.00	0.00	0.00

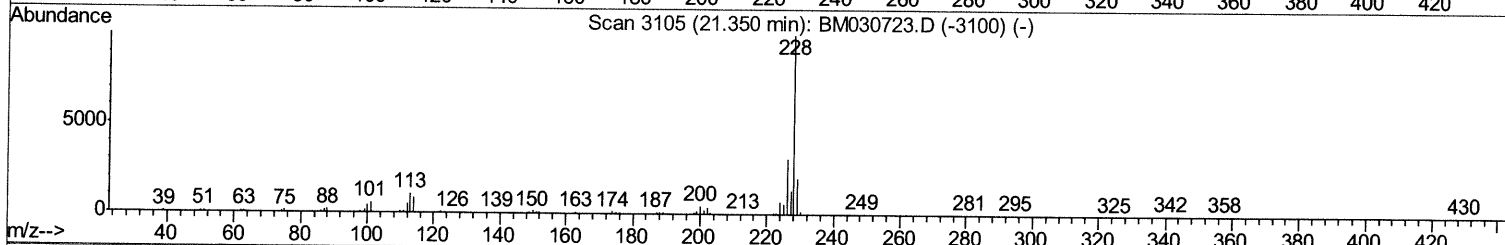
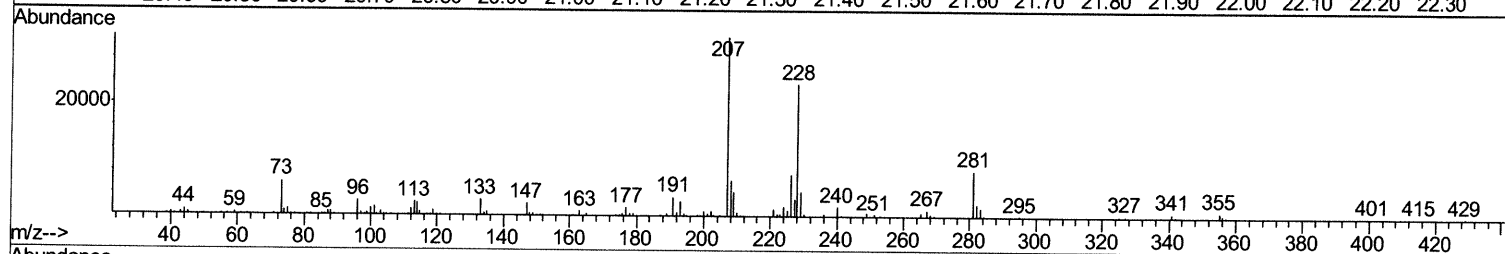
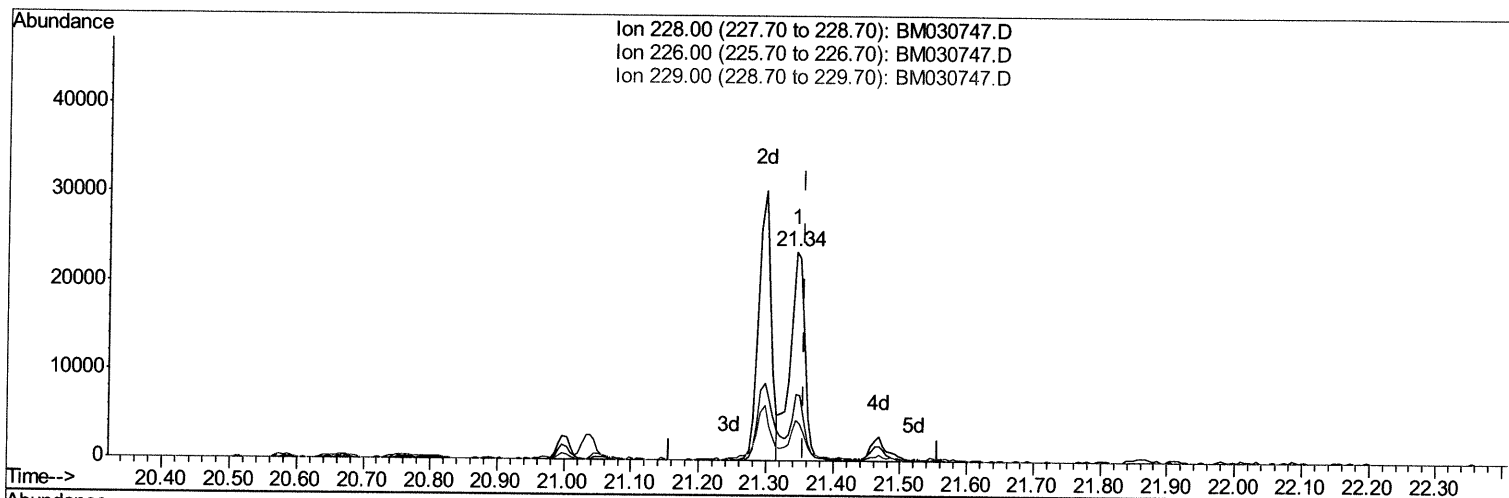
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
 Data File : BM030747.D
 Acq On : 01 Jul 2021 17:27
 Operator : CG/JU
 Sample : M2825-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR1

Manual Integrations
 APPROVED

mohammad
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TIC: BM030747.D

(87) Chrysene

21.344min (-0.012) 2.19ng/ul m

response 36681

Ion	Exp%	Act%
228.00	100	100
226.00	29.50	31.63
229.00	19.90	19.23
0.00	0.00	0.00

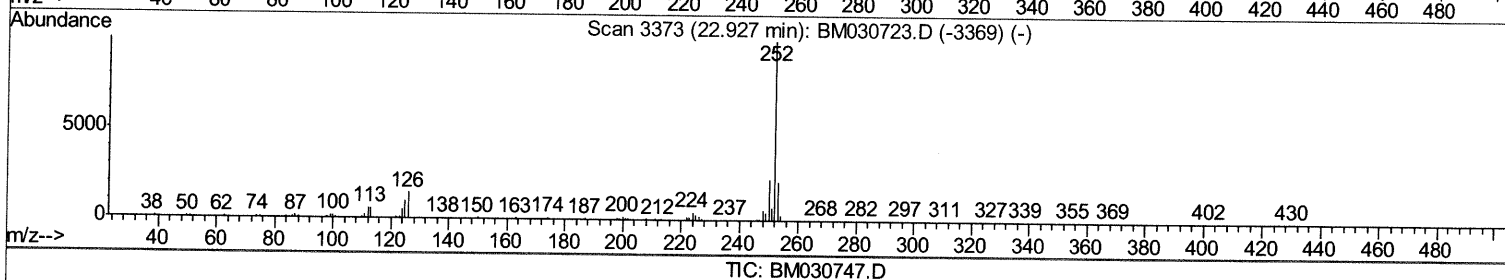
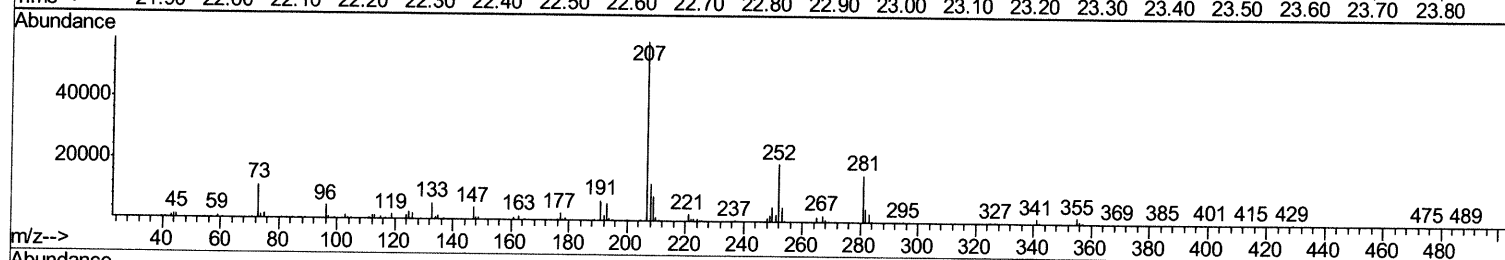
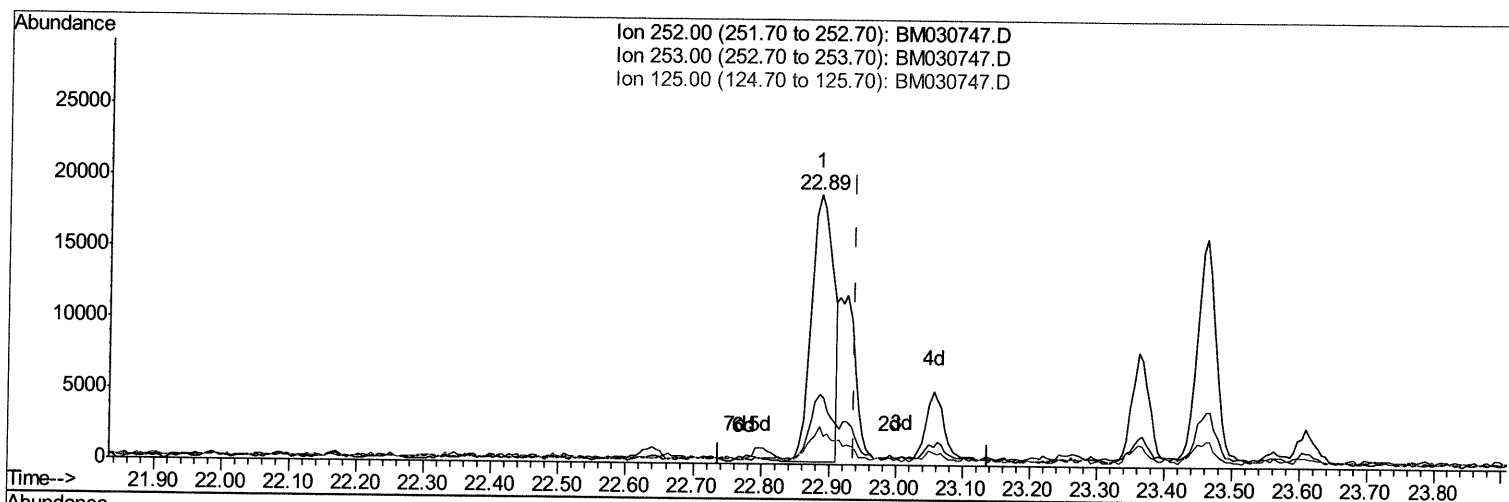
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Sample : M2825-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.885min (-0.053) 2.10ng/ul

response 41849

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.72
125.00	9.90	14.09#
0.00	0.00	0.00

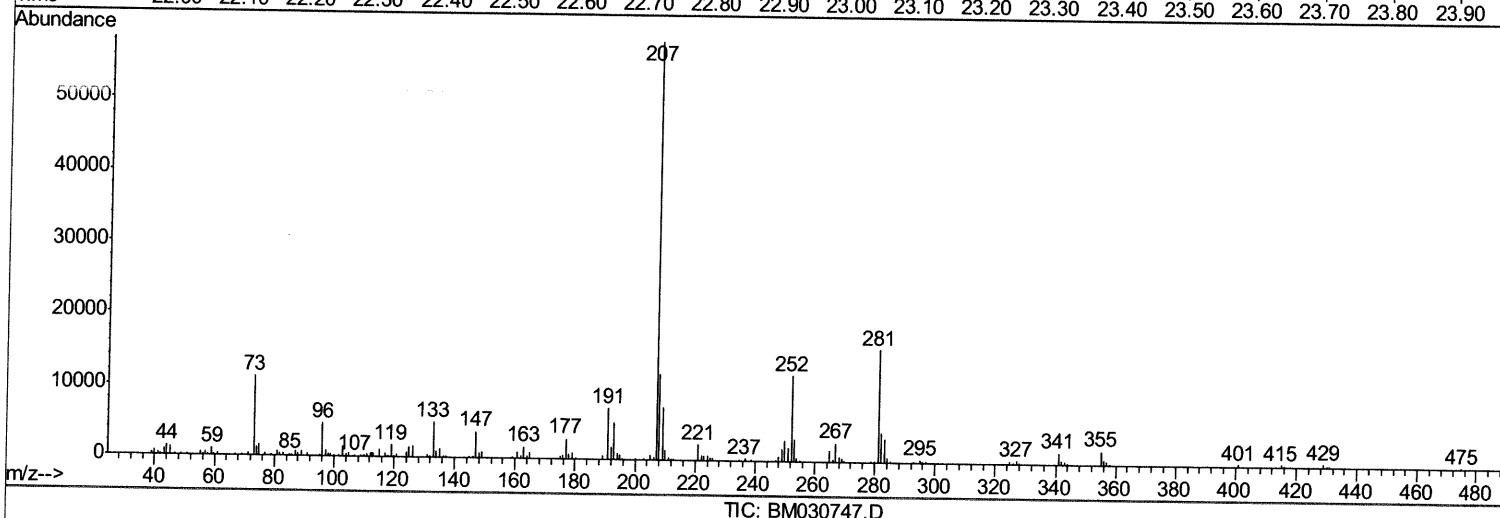
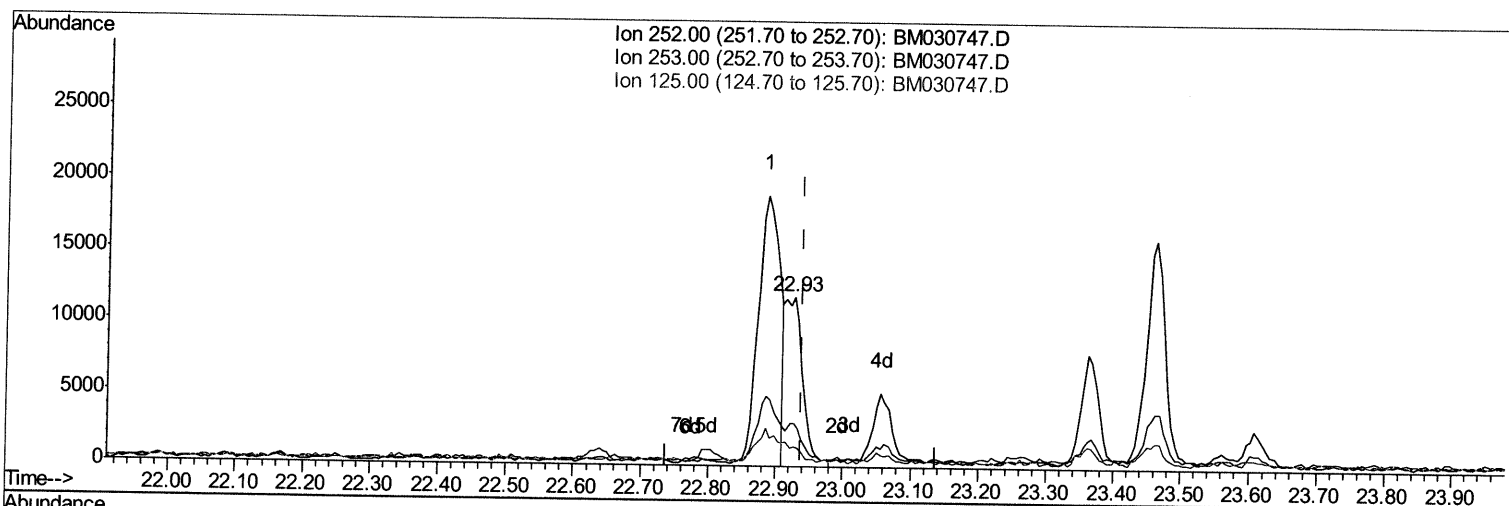
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 Data File : BM030747.D
 Acq On : 01 Jul 2021 17:27
 Operator : CG/JU
 Sample : M2825-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR1

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:02:52 PM

Quant Time: Jul 01 18:06:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.927min (-0.012) 1.07ng/ul m

7/7/21 JU

response 21459

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.26
125.00	9.90	11.40
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	68319	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	257812	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	142941	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	265943	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	276260	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	327272	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2481	1.47	ng/ul	0.01
4) Pyridine-d5	3.76	84	11707m	2.59	ng/ul	0.08
7) Phenol-d5	6.95	99	35051	5.95	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.12	67	25218	6.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	30350	6.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	26475	5.77	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	12163	6.32	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	11745	5.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	22127	5.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.72	131	30740	5.38	ng/ul	0.01
46) Dimethylphthalate-d6	13.82	166	70575	7.15	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	84261	6.58	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	4895m	2.62	ng/ul	0.03
60) Fluorene-d10	15.40	176	61593	7.04	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	4022	2.31	ng/ul	0.00
73) Anthracene-d10	17.24	188	89563	7.22	ng/ul	0.00
81) Pyrene-d10	19.53	212	98035	6.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	107081	6.29	ng/ul	-0.01

Target Compounds

					Ovalue
47) Dimethylphthalate	13.86	163	31543	3.262	ng/ul# 97
52) Acenaphthene	14.47	153	11409	1.323	ng/ul 99
72) Phenanthrene	17.19	178	65932	4.617	ng/ul 99
74) Anthracene	17.27	178	22697	1.554	ng/ul 96
80) Fluoranthene	19.20	202	74681	4.224	ng/ul 98
82) Pyrene	19.56	202	60217	3.242	ng/ul 99
85) Benzo(a)anthracene	21.30	228	39274	2.291	ng/ul 98
87) Chrysene	21.34	228	36681m	2.195	ng/ul 98
90) Benzo(b)fluoranthene	22.89	252	41849	2.014	ng/ul# 91
91) Benzo(k)fluoranthene	22.93	252	21459m	1.075	ng/ul 91
93) Benzo(a)pyrene	23.46	252	30225	1.618	ng/ul 96

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