

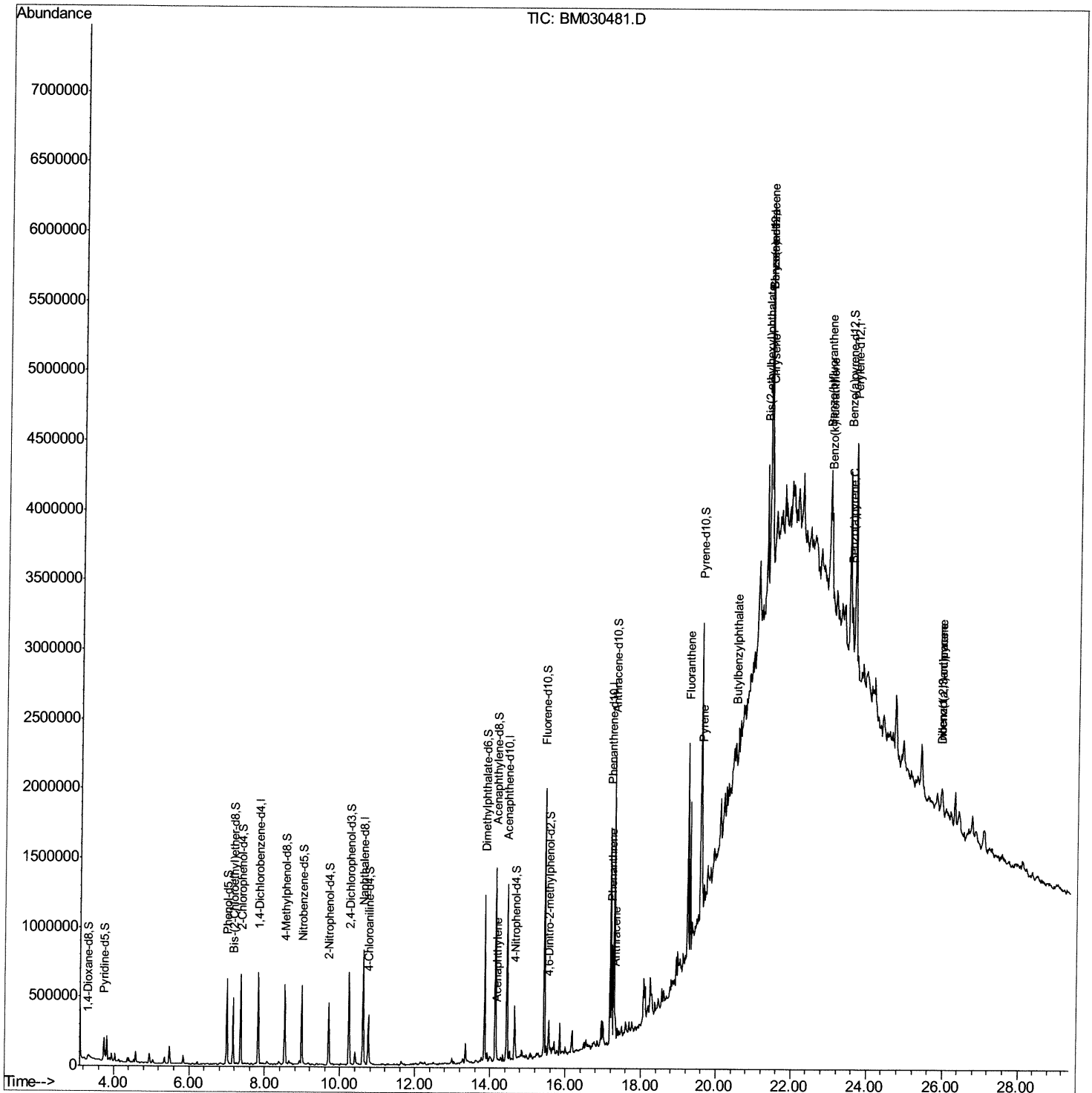
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030481.D
Acq On : 17 Jun 2021 00:12
Operator : CG/JU
Sample : M2596-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5R3

Manual Integrations
APPROVED

mohammad
6/17/2021 12:17:33 PM

Quant Time: Jun 17 06:21:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

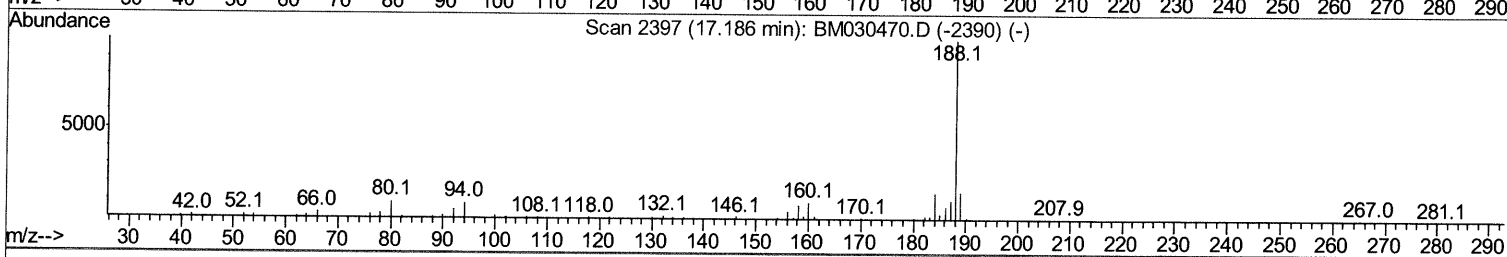
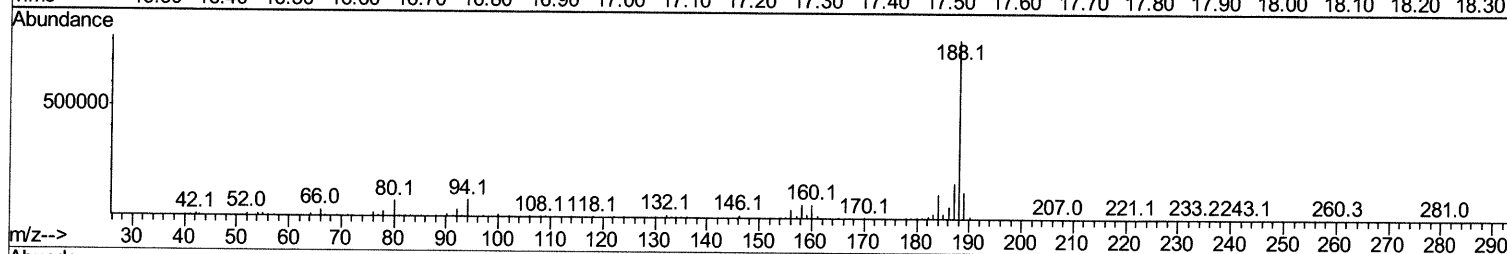
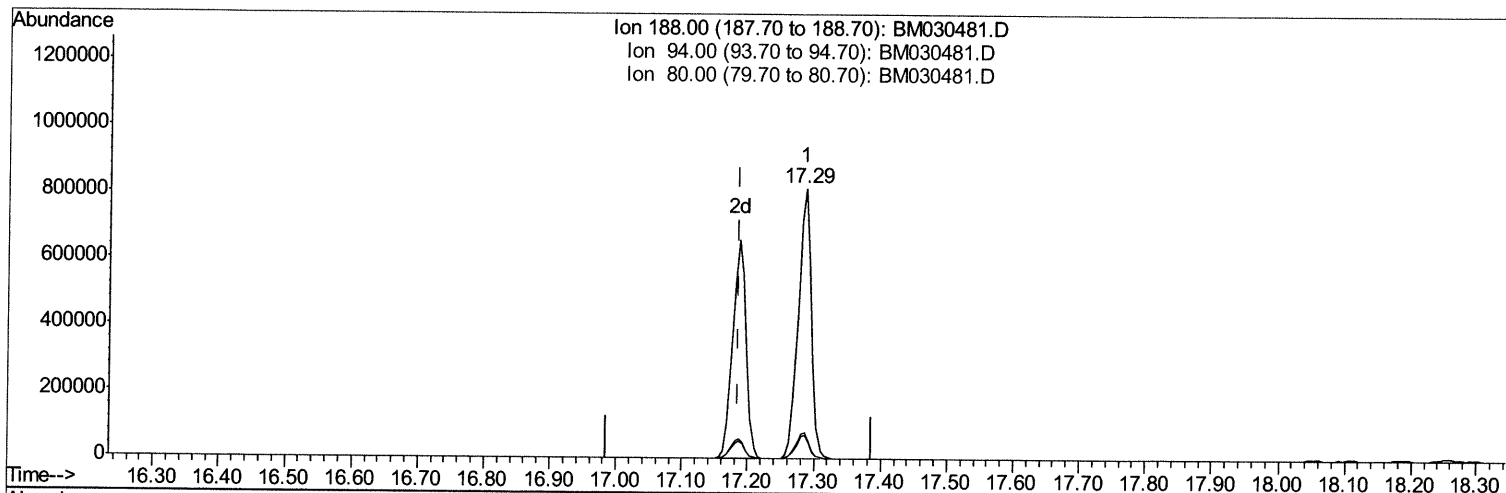
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TIC: BM030481.D

(64) Phenanthrene-d10 (I)

17.286min (+0.100) 20.00ng/ul

response 1127997

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	9.36
80.00	10.70	8.64
0.00	0.00	0.00

Quantitation Report (Qedit)

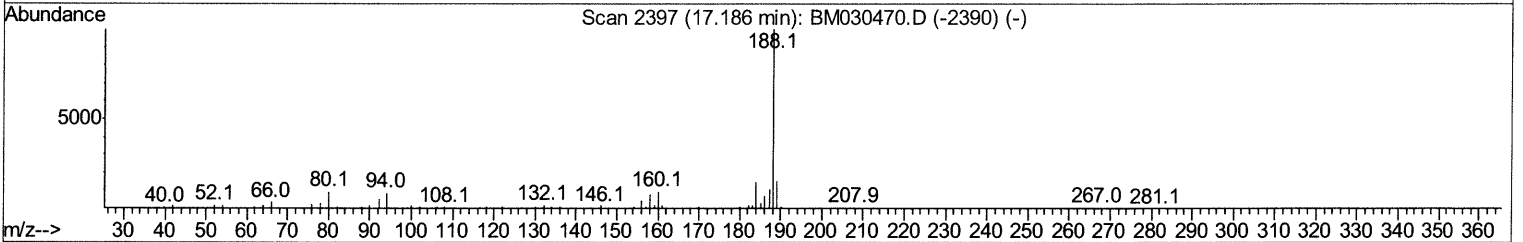
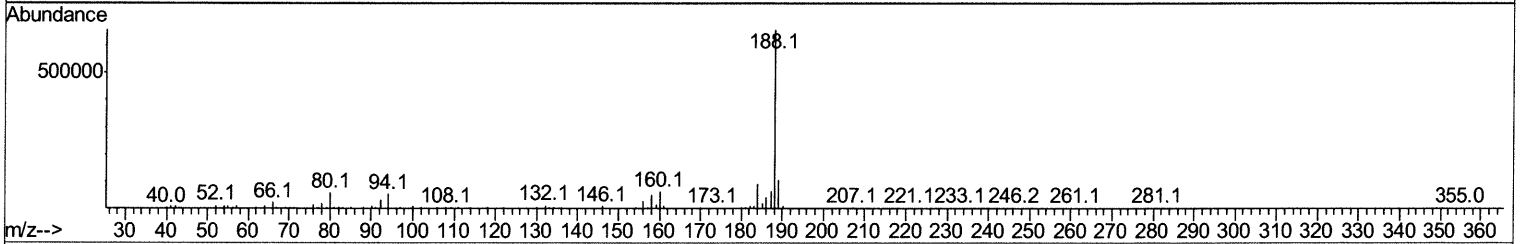
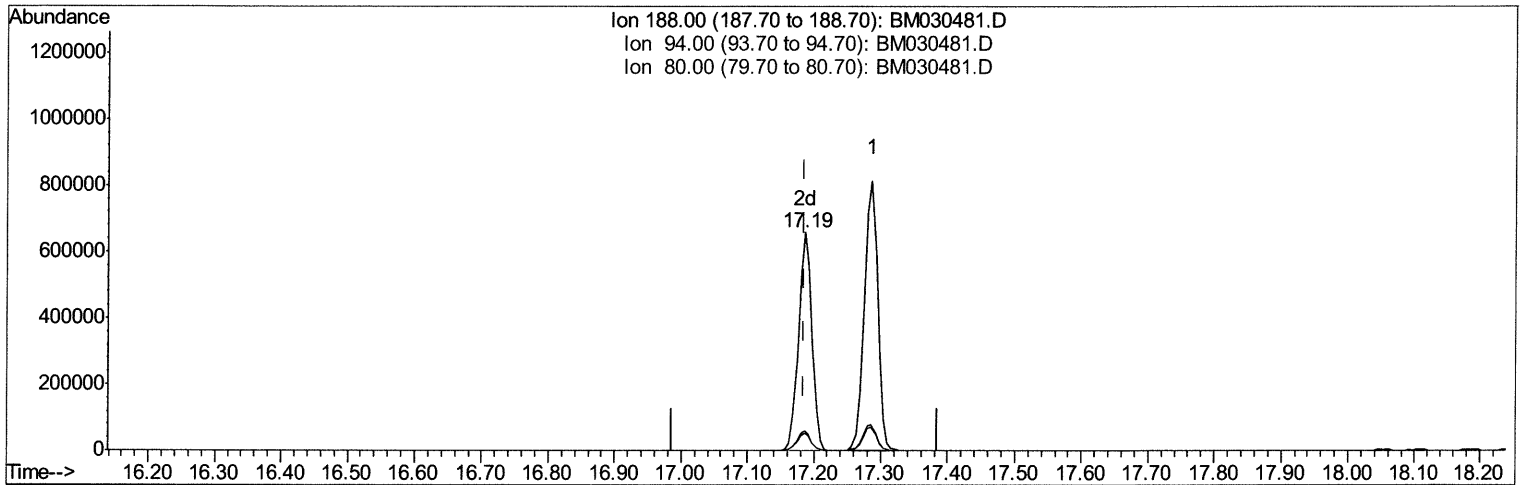
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TIC: BM030481.D

(64) Phenanthrene-d10 (I)

17.186min (-0.000) 20.00ng/ul m 06/18/21 JU

response 926841

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	8.03#
80.00	10.70	8.80
0.00	0.00	0.00

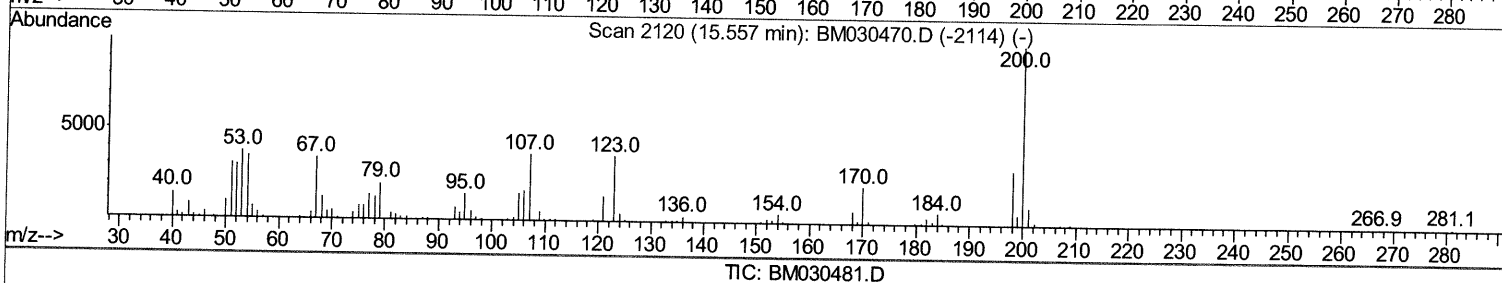
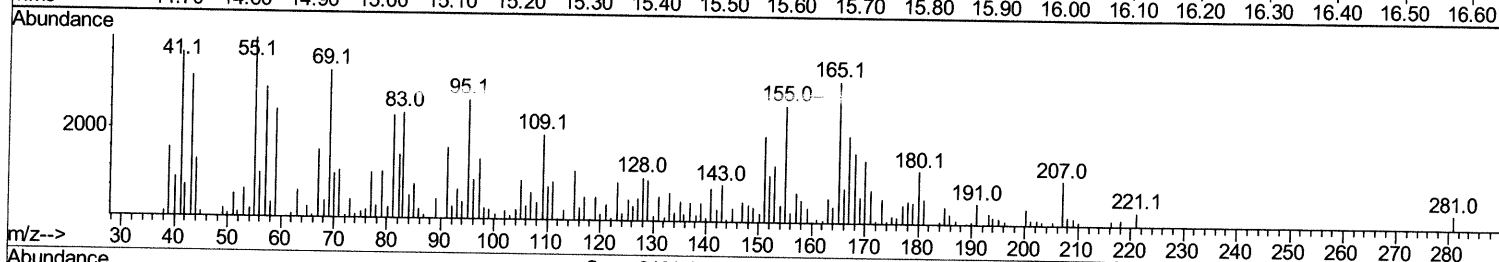
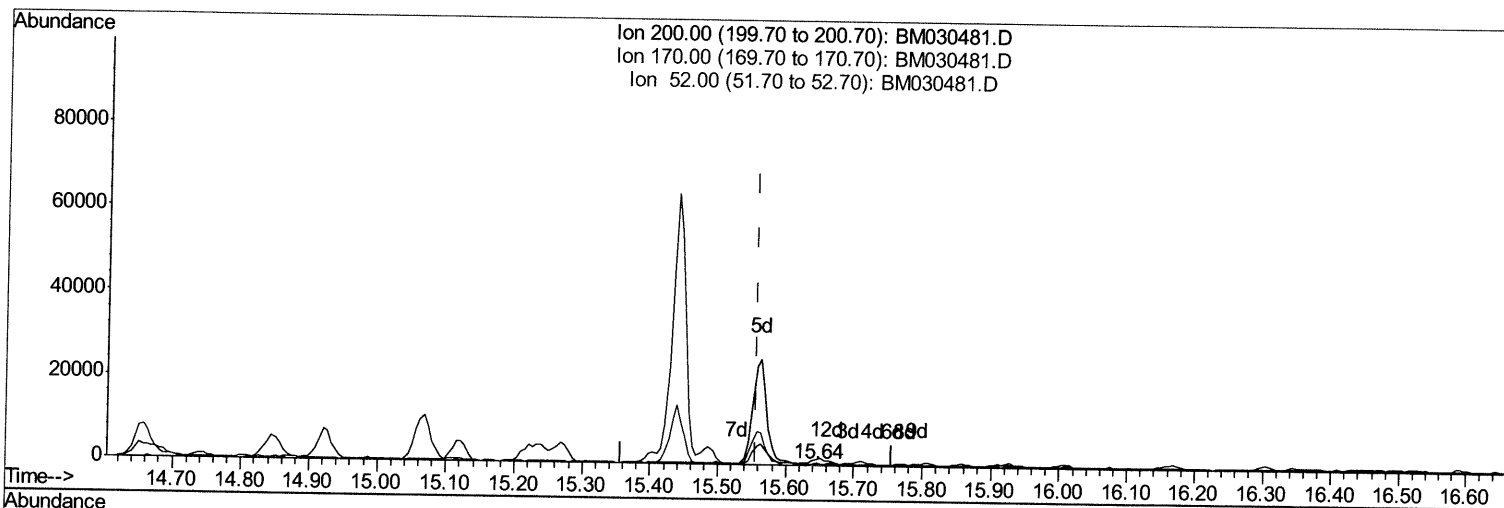
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.645min (+0.088) 0.08ng/ul

response 440

Ion	Exp%	Act%
200.00	100	100
170.00	18.60	294.73#
52.00	48.00	53.96
0.00	0.00	0.00

Quantitation Report (Qedit)

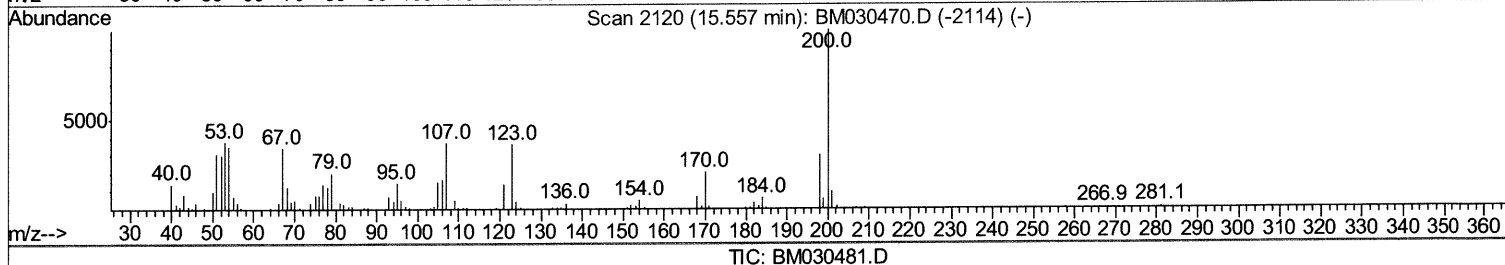
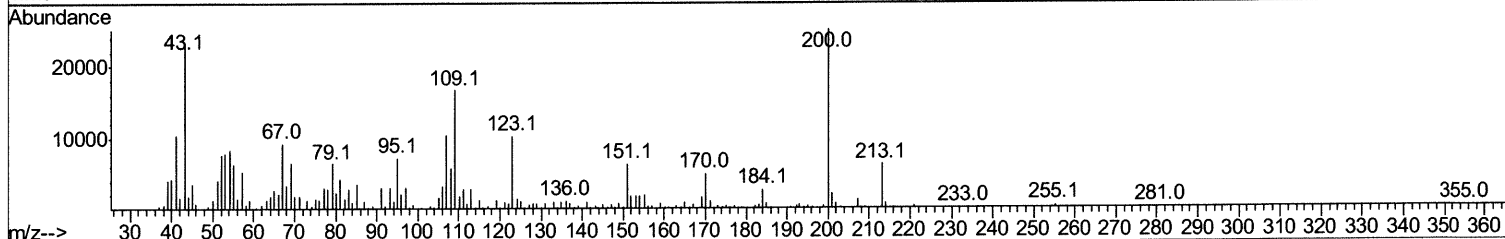
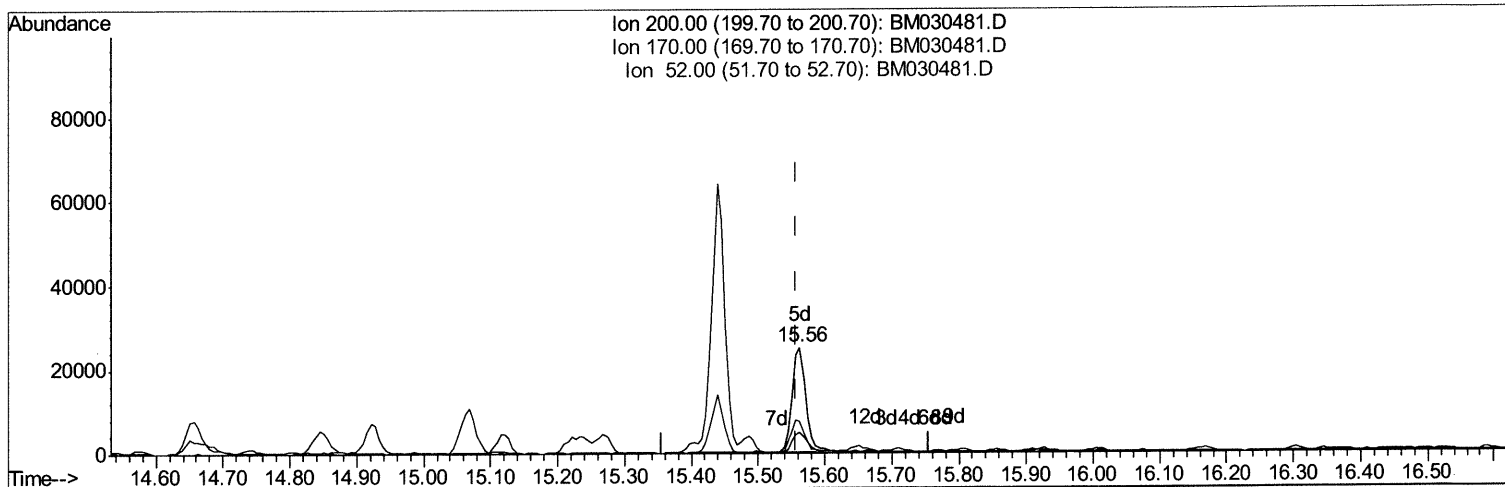
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TIC: BM030481.D

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.562min (+0.006) 6.72ng/ul m 06/16/21JU

response 35936

Ion	Exp%	Act%
200.00	100	100
170.00	18.60	19.79
52.00	48.00	30.44#
0.00	0.00	0.00

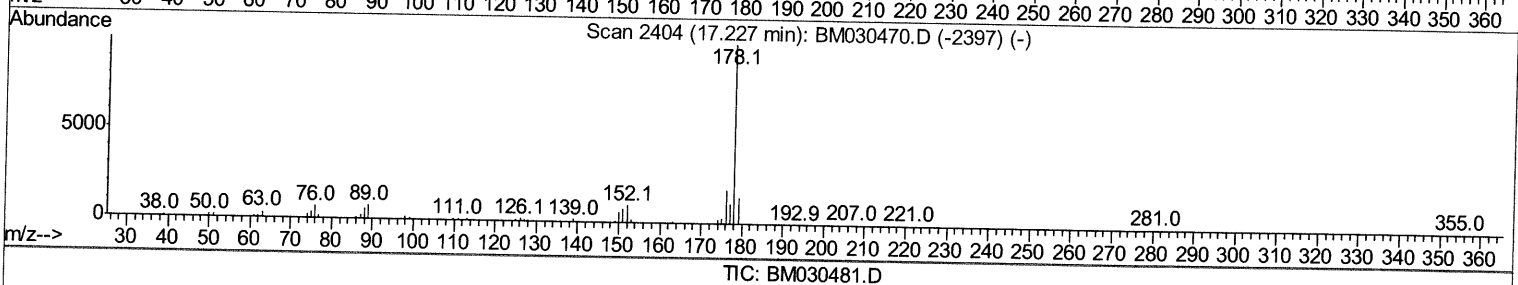
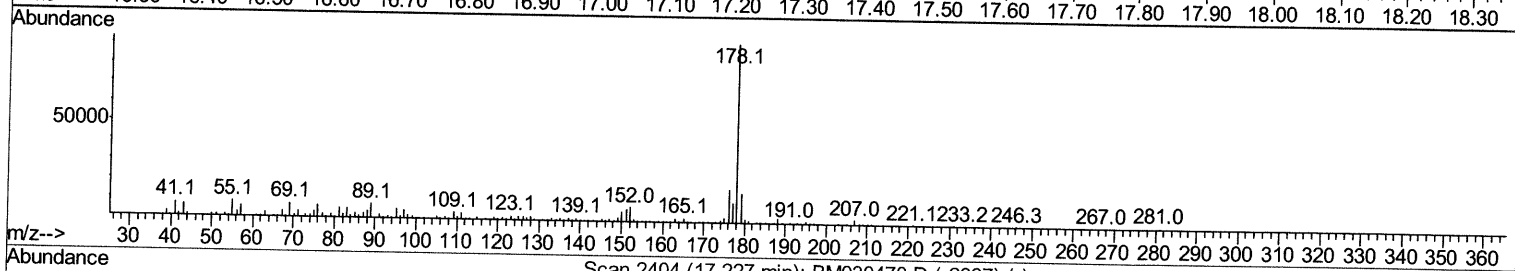
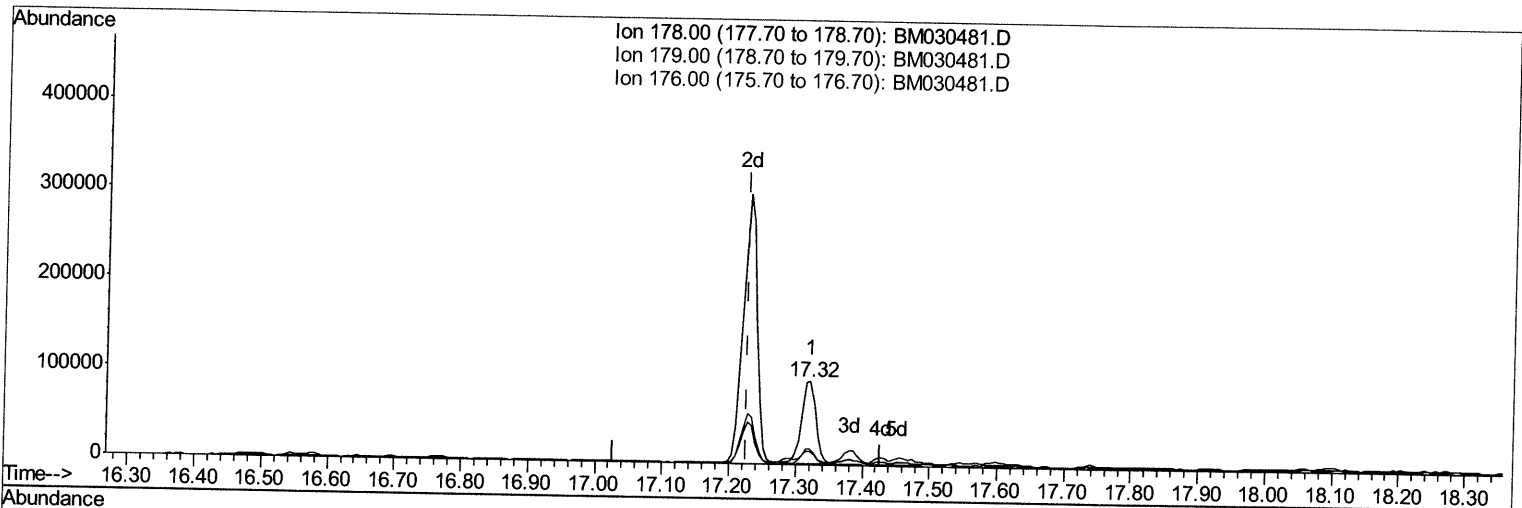
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Jun 17 06:18:36 2021
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(72) Phenanthrene

17.321min (+0.094) 2.76ng/ul

response 138080

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.27
176.00	18.80	18.46
0.00	0.00	0.00

Quantitation Report (Qedit)

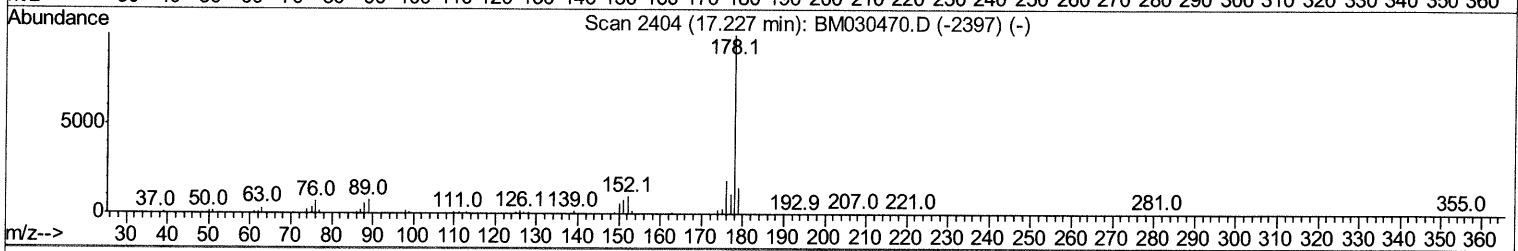
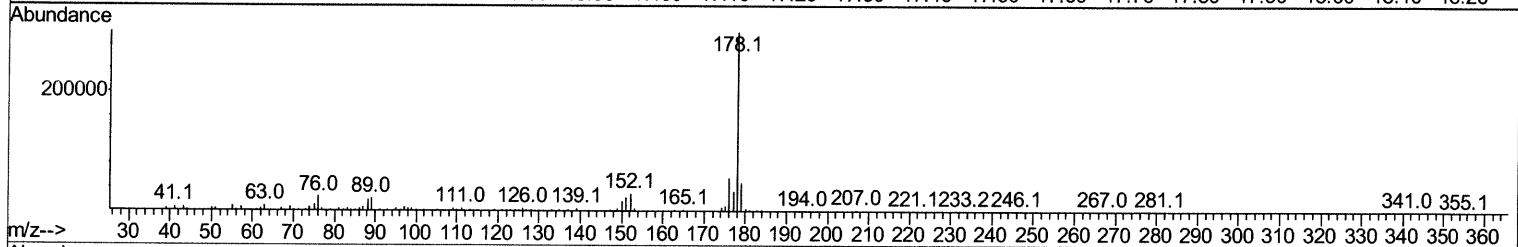
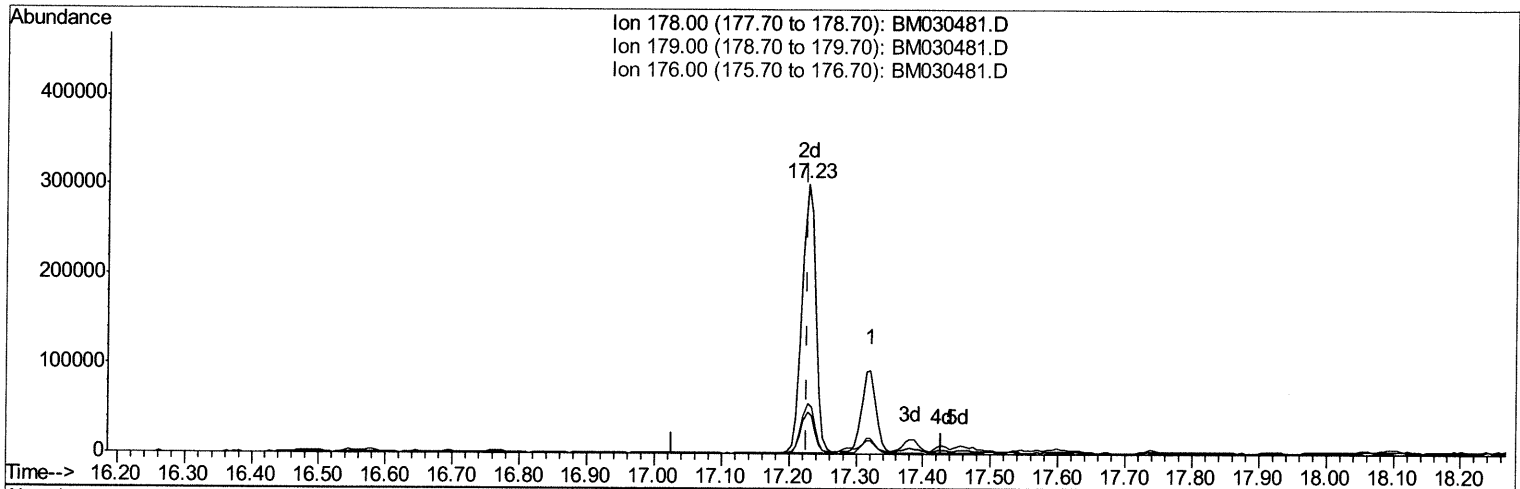
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 Sample : M2596-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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TIC: BM030481.D

(72) Phenanthrene

17.227min (-0.000) 8.51ng/ul m 06/18/21 JU

response 426271

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.58
176.00	18.80	18.56
0.00	0.00	0.00

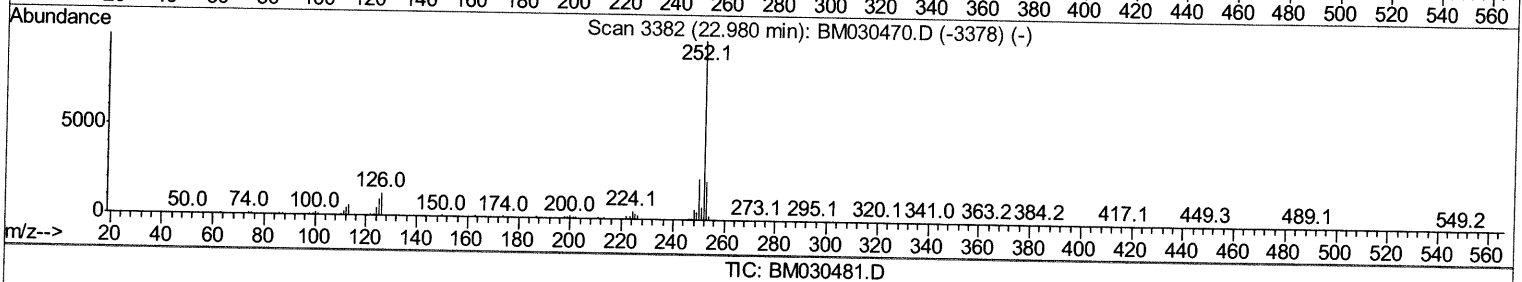
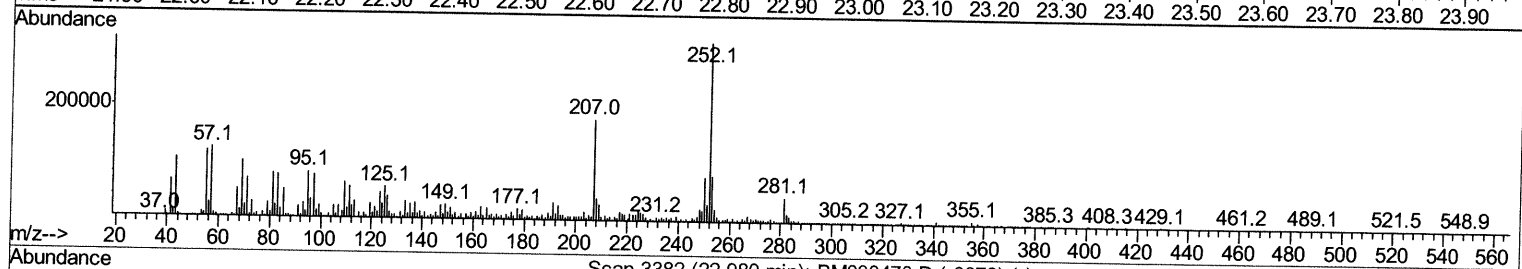
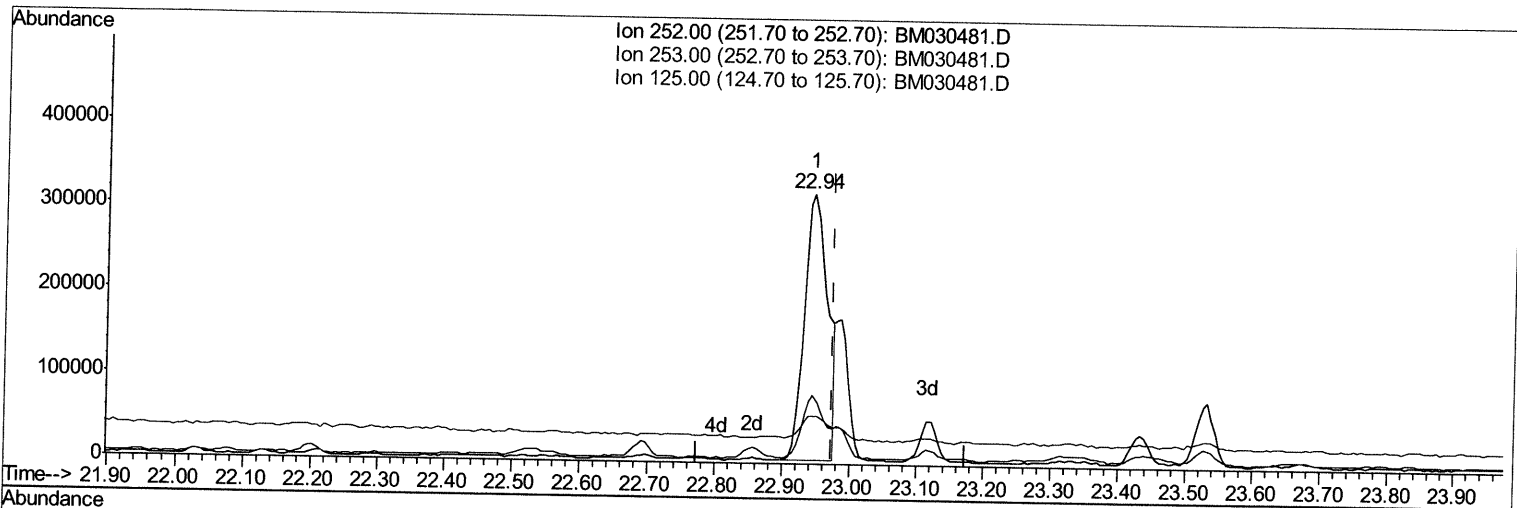
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(91) Benzo(k)fluoranthene

22.944min (-0.029) 10.53ng/ul

response 744421

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	25.34
125.00	10.50	17.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

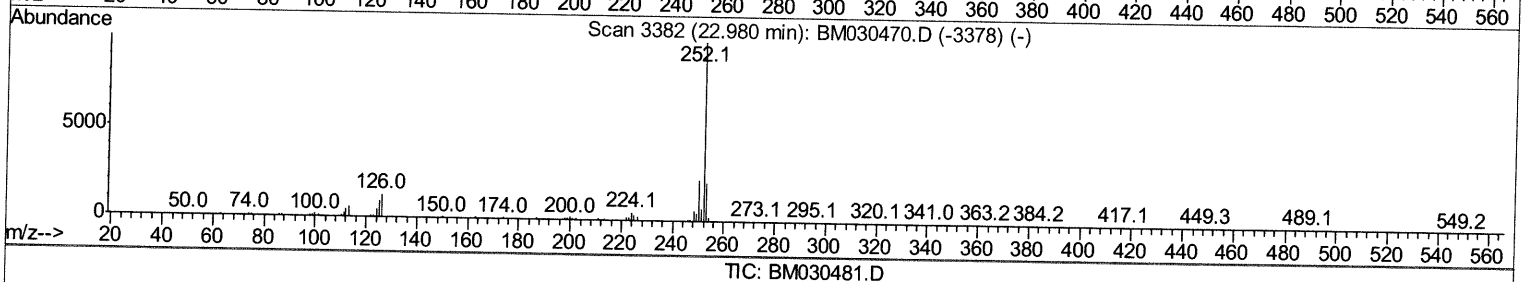
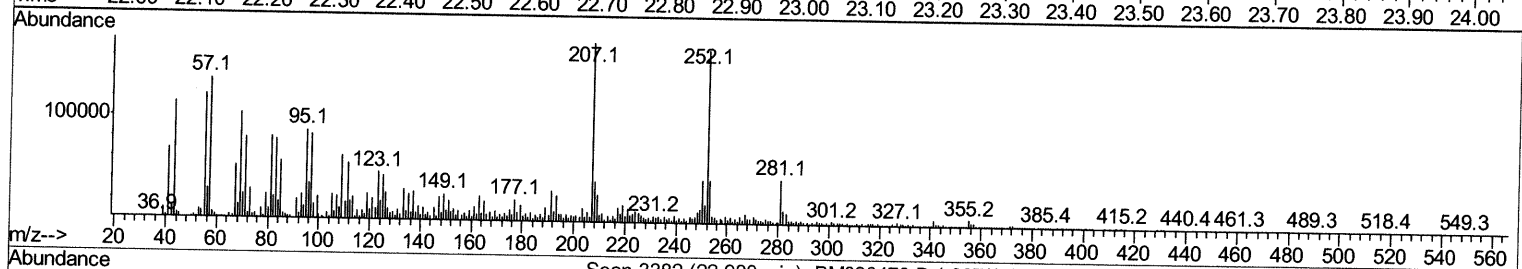
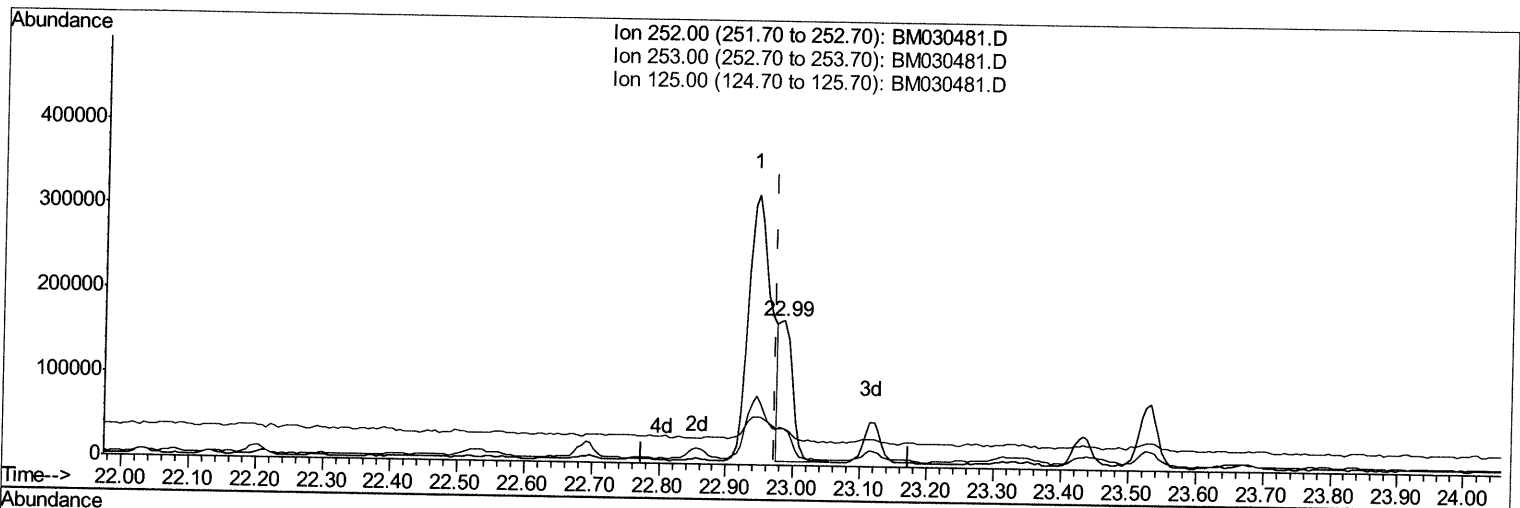
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Manual Integrations
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(91) Benzo(k)fluoranthene

22.985min (+0.012) 3.27ng/ul m 06/18/21JU

response 231030

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	25.17
125.00	10.50	25.74#
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	7.83	152	183876	20.00	ng/ul	0.00
20) Naphthalene-d8	10.62	136	700897	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	438895	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	926841m	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	1058379	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	1151122	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	13234	2.75	ng/uL	0.01
4) Pyridine-d5	3.73	84	104123	8.23	ng/ul	0.02
7) Phenol-d5	7.00	99	345745	21.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	212595	20.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	296090	25.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	224661	17.60	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	135027	28.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	145433	30.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.24	165	275675	26.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	228563	14.40	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	782703	25.99	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	1015128	26.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	110923	19.68	ng/ul	0.01
60) Fluorene-d10	15.44	176	730306	27.08	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	35936m	6.72	ng/ul	0.00
73) Anthracene-d10	17.29	188	1127424	26.74	ng/ul	0.00
81) Pyrene-d10	19.57	212	967031	17.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	858541	14.96	ng/ul	0.01

Target Compounds

					Ovalue	
50) Acenaphthylene	14.17	152	41266	1.148	ng/ul#	95
72) Phenanthrene	17.23	178	426271m	8.506	ng/ul	96
74) Anthracene	17.32	178	138080	2.730	ng/ul	99
80) Fluoranthene	19.24	202	893515	13.127	ng/ul	96
82) Pyrene	19.60	202	585741	8.137	ng/ul#	94
83) Butylbenzylphthalate	20.49	149	29059	1.286	ng/ul	86
85) Benzo(a)anthracene	21.34	228	540706	8.455	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.26	149	298463	8.708	ng/ul#	95
87) Chrysene	21.39	228	569487	9.031	ng/ul	97
90) Benzo(b)fluoranthene	22.94	252	744421	10.061	ng/ul#	90
91) Benzo(k)fluoranthene	22.99	252	231030m	3.269	ng/ul	96
93) Benzo(a)pyrene	23.53	252	146529	2.266	ng/ul#	66
94) Indeno(1,2,3-cd)pyrene	25.93	276	169124	2.125	ng/ul	93
95) Dibenzo(a,h)anthracene	25.93	278	99532	1.485	ng/ul#	71

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