

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017877.D
 Acq On : 02 Nov 2023 09:32
 Operator : MA/JU
 Sample : 04922-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAQ9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad
 ahmed
 11/04/2023

Quant Time: Nov 03 09:57:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	188578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	686321	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	384832	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.416	188	895436m	20.000	ng/ul	0.04
79) Chrysene-d12	21.545	240	917808m	20.000	ng/ul	0.03
88) Perylene-d12	24.133	264	967451	20.000	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	166	0.033	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.063	99	37150	2.367	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.240	67	29981	3.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	36888	2.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	34666	2.813	ng/ul	0.01
21) Nitrobenzene-d5	9.098	128	18299	3.290	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	16246	2.644	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	33964	2.818	ng/ul	0.01
31) 4-Chloroaniline-d4	10.910	131	4227	0.268	ng/ul	0.02
46) Dimethylphthalate-d6	14.010	166	93957	2.908	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	137124	3.806	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.610	176	105485	3.777	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.745	200	29687	5.033	ng/ul	0.01
73) Anthracene-d10	17.516	188	175501	3.835	ng/ul	0.04
81) Pyrene-d10	19.768	212	227581m	3.955	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.962	264	194305m	3.606	ng/ul	0.06
Target Compounds						
					Qvalue	
30) Naphthalene	10.775	128	107372	2.719	ng/ul	98
36) 2-Methylnaphthalene	12.392	142	65863	2.469	ng/ul	100
37) 1-Methylnaphthalene	12.616	142	46417	1.701	ng/ul#	94
72) Phenanthrene	17.463	178	583643	11.127	ng/ul#	59
74) Anthracene	17.463	178	583643	10.986	ng/ul#	57
80) Fluoranthene	19.439	202	105865m	1.601	ng/ul	
82) Pyrene	19.798	202	230166m	3.286	ng/ul	

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

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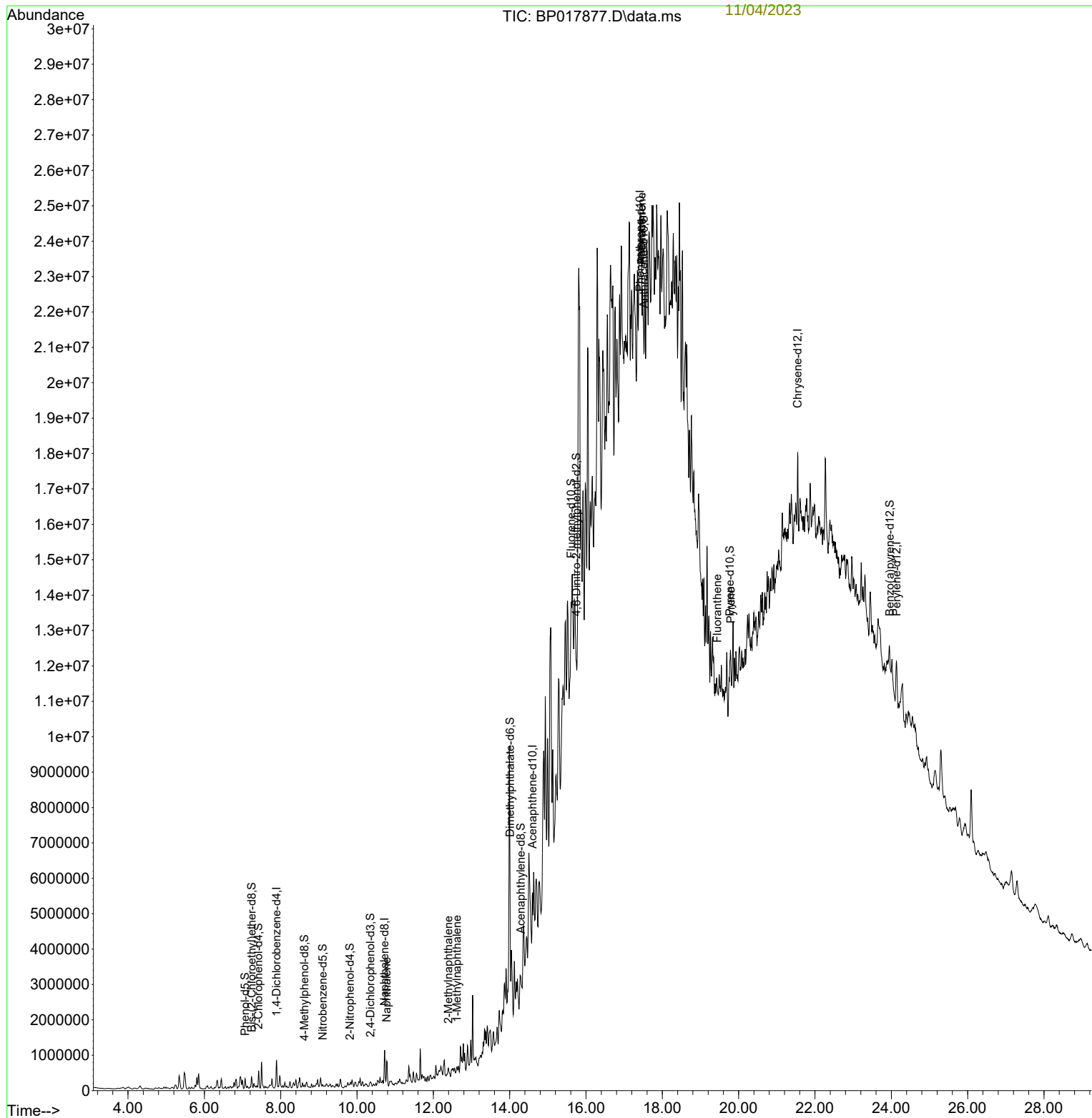
Instrument :
BNA_P
ClientSampleId :
EOAQ9

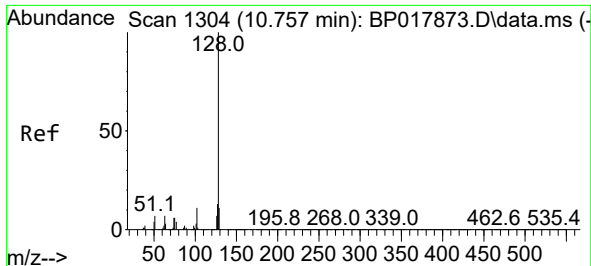
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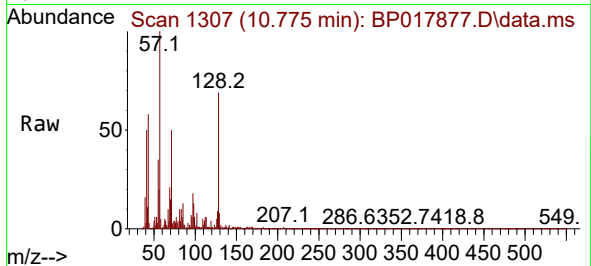
Supervised By :mohammad
ahmed
11/04/2023





#30
Naphthalene
Concen: 2.719 ng/ul
RT: 10.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017877.D
Acq: 02 Nov 2023 09:32

Instrument :
BNA_P
ClientSampleId :
EOAQ9

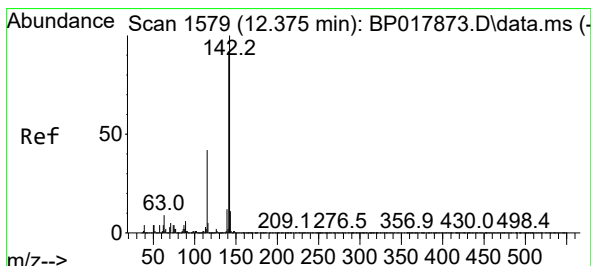
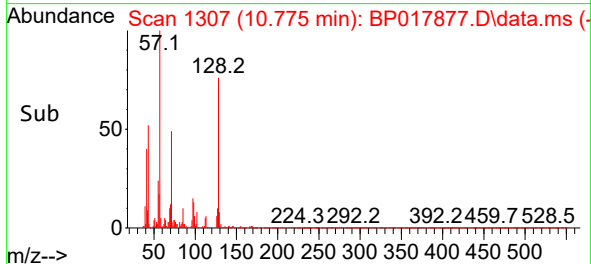
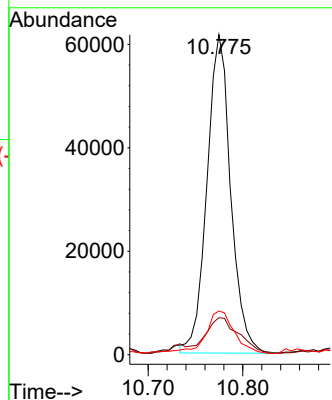


Tgt Ion:128 Resp: 107372
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.6 10.5 15.7

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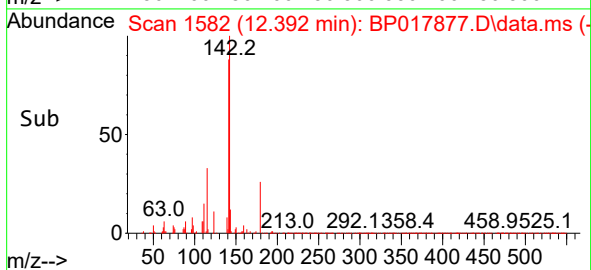
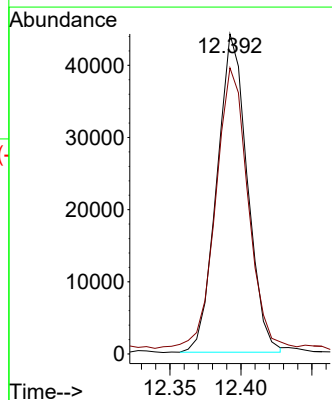
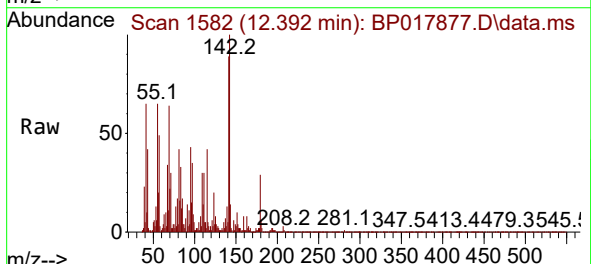
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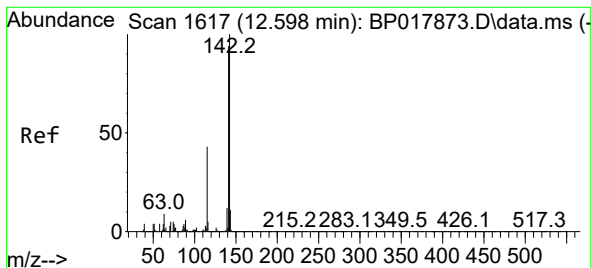
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ahmed
11/04/2023



#36
2-Methylnaphthalene
Concen: 2.469 ng/ul
RT: 12.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP017877.D
Acq: 02 Nov 2023 09:32

Tgt Ion:142 Resp: 65863
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3





#37

1-Methylnaphthalene

Concen: 1.701 ng/ul

RT: 12.616 min Scan# 10

Delta R.T. 0.006 min

Lab File: BP017877.D

Acq: 02 Nov 2023 09:32

Instrument :

BNA_P

ClientSampleId :

EOAQ9

Tgt Ion:	142	Resp:	4641
Ion Ratio	Lower	Upper	
142	100		
141	95.8	72.5	108.7
116	12.8	3.4	5.2

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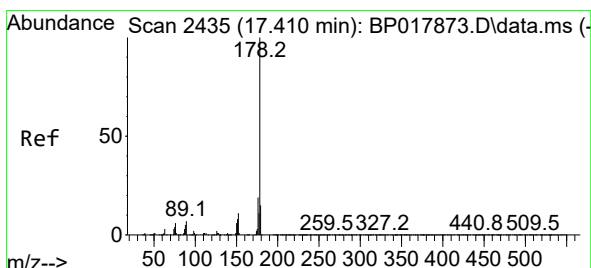
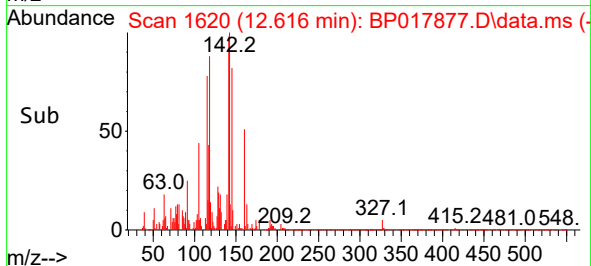
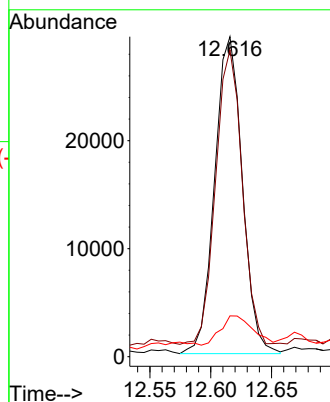
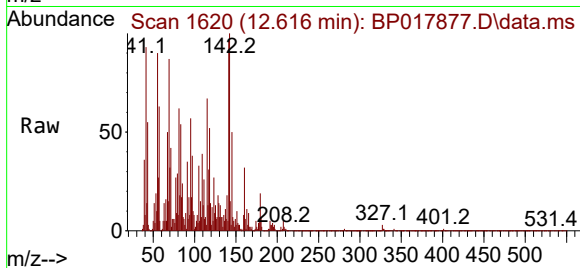
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#72

Phenanthrene

Concen: 11.127 ng/ul

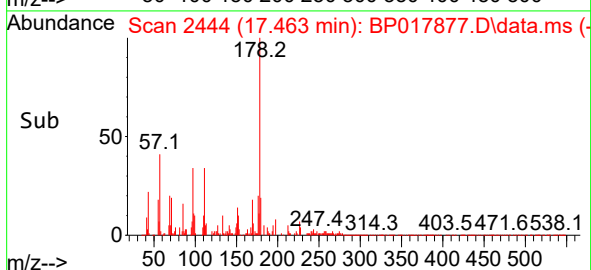
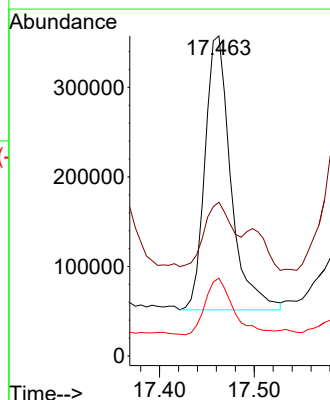
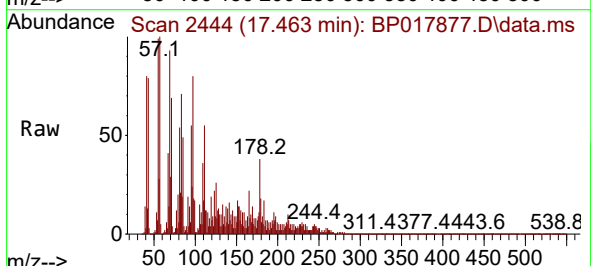
RT: 17.463 min Scan# 2444

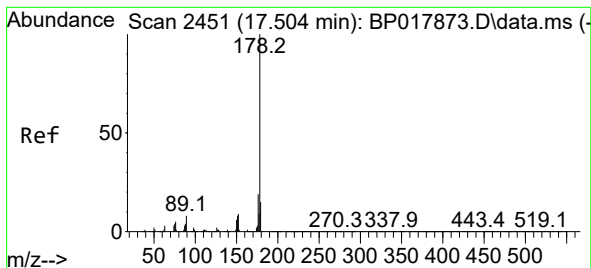
Delta R.T. 0.041 min

Lab File: BP017877.D

Acq: 02 Nov 2023 09:32

Tgt Ion:	178	Resp:	583643
Ion Ratio	Lower	Upper	
178	100		
179	48.1	12.2	18.2#
176	24.3	15.3	22.9#





#74

Anthracene

Concen: 10.986 ng/ul

RT: 17.463 min Scan# 2451

Delta R.T. -0.047 min

Lab File: BP017877.D

Acq: 02 Nov 2023 09:32

Instrument :

BNA_P

ClientSampleId :

EOAQ9

Tgt Ion:178 Resp: 58364

Ion Ratio Lower Upper

178 100

179 48.1 12.0 18.0

176 24.3 14.8 22.2

Manual Integrations

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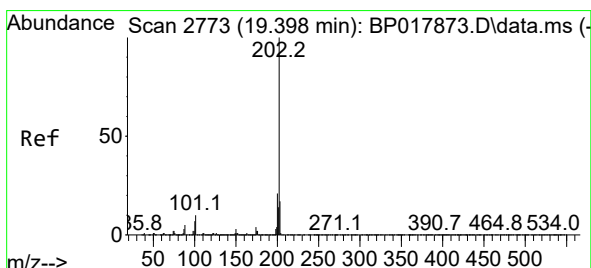
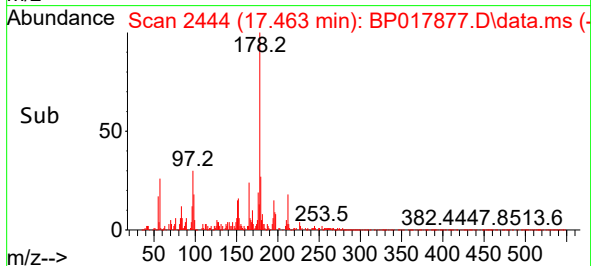
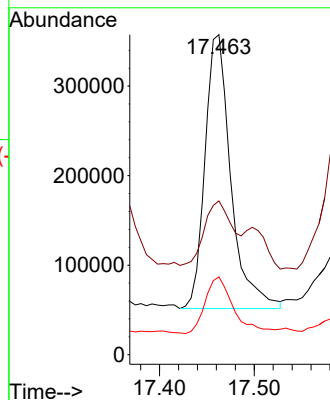
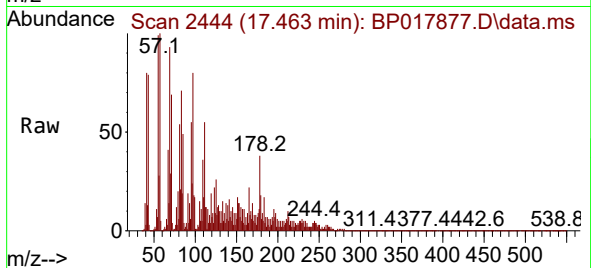
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#80

Fluoranthene

Concen: 1.601 ng/ul m

RT: 19.439 min Scan# 2780

Delta R.T. 0.035 min

Lab File: BP017877.D

Acq: 02 Nov 2023 09:32

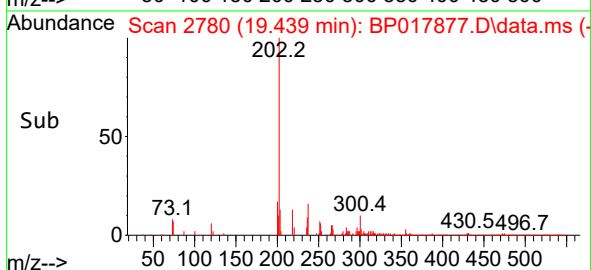
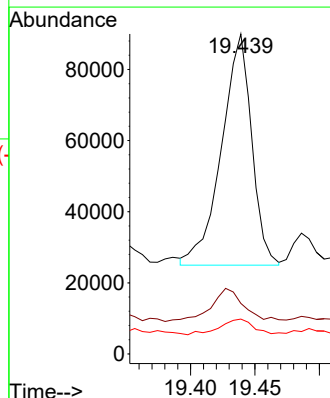
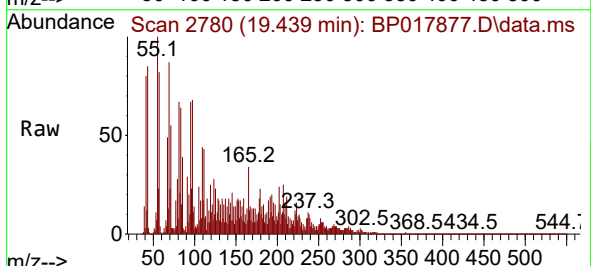
Tgt Ion:202 Resp: 105865

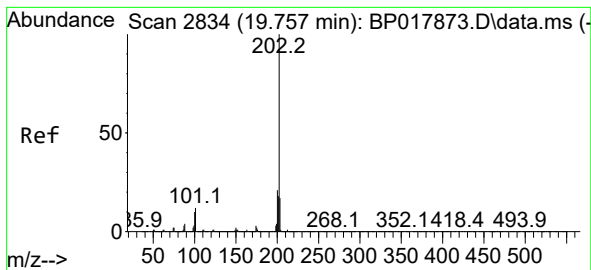
Ion Ratio Lower Upper

202 100

101 15.8 7.1 10.7#

100 10.9 5.7 8.5#





#82

Pyrene

Concen: 3.286 ng/ul m

RT: 19.798 min Scan# 2

Delta R.T. 0.035 min

Lab File: BP017877.D

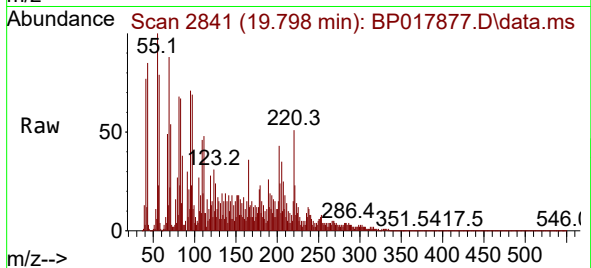
Acq: 02 Nov 2023 09:32

Instrument :

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Tgt Ion: 202 Resp: 230160

Ion Ratio Lower Upper

202 100

101 17.5 8.3 12.5

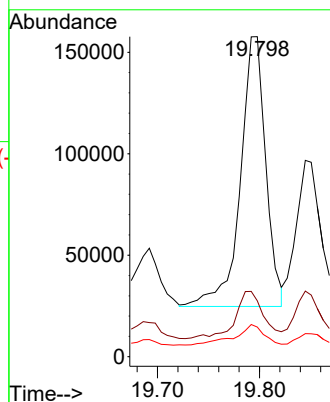
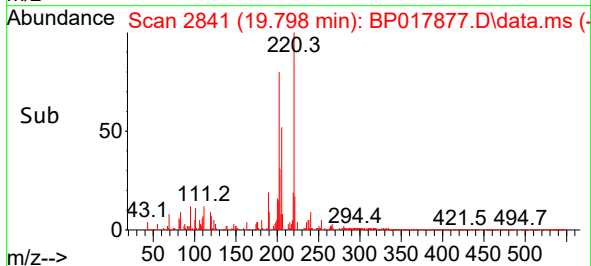
100 9.3 7.4 11.0

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