

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018433.D
 Acq On : 28 Nov 2023 10:46
 Operator : MA/JU
 Sample : 05416-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 00:50:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 08:59:50 2023
 Response via : Initial Calibration

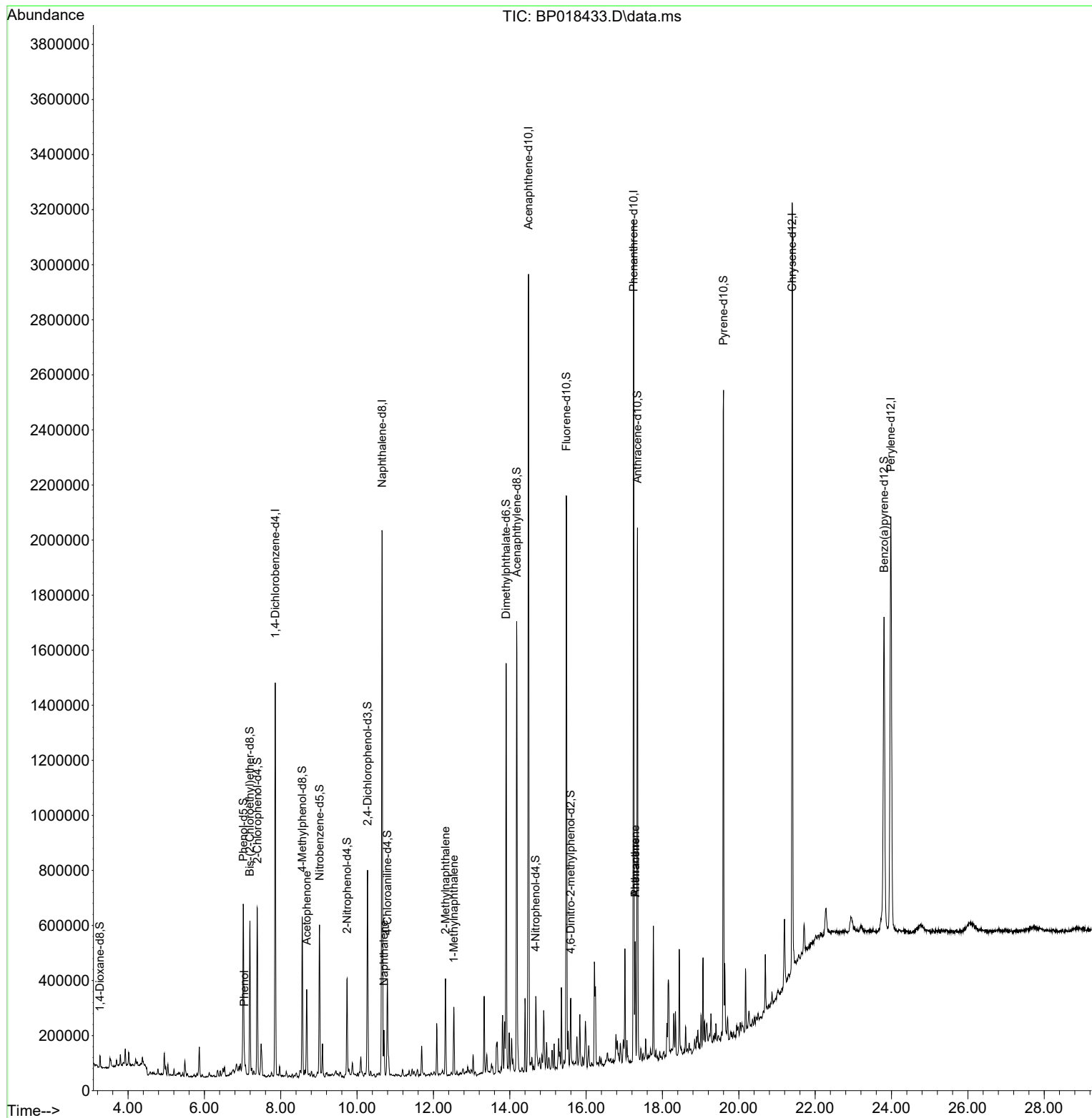
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	408831	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1694644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1020530	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1861757	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1464789	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	1688316	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21704	1.988	ng/uL	0.00
4) Pyridine-d5	3.699	84	7025	0.234	ng/u1	0.01
7) Phenol-d5	7.022	99	371260	9.937	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	226980	10.159	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	307359	9.798	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	221510	7.346	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	139967	10.169	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	127213	10.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	292408	9.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	202869	4.905	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1011372	11.138	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	1080080	10.439	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	65873	5.255	ng/u1	0.00
60) Fluorene-d10	15.481	176	832661	10.963	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	52499	6.624	ng/u1	0.00
73) Anthracene-d10	17.345	188	1136608	11.422	ng/u1	0.00
81) Pyrene-d10	19.598	212	1257321	10.785	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1159249	11.843	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.046	94	40721	1.111	ng/u1	99
16) Acetophenone	8.681	105	174071	3.773	ng/u1	96
30) Naphthalene	10.704	128	137924	1.346	ng/u1	100
36) 2-Methylnaphthalene	12.316	142	160567	2.214	ng/u1	97
37) 1-Methylnaphthalene	12.534	142	118893	1.628	ng/u1	99
72) Phenanthrene	17.286	178	266328	2.352	ng/u1	99
74) Anthracene	17.286	178	266177	2.329	ng/u1	99

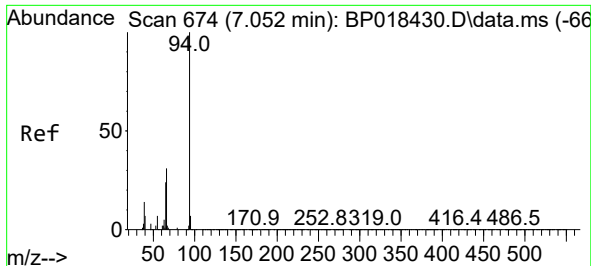
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Phenol

Concen: 1.111 ng/ul

RT: 7.046 min Scan# 61

Delta R.T. -0.006 min

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ClientSampleId :

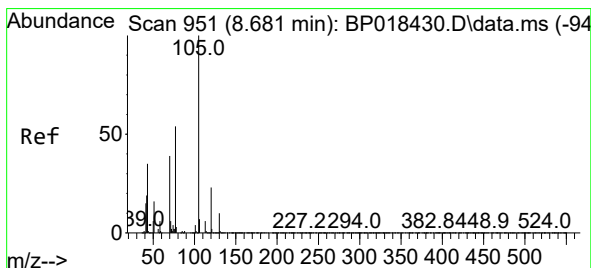
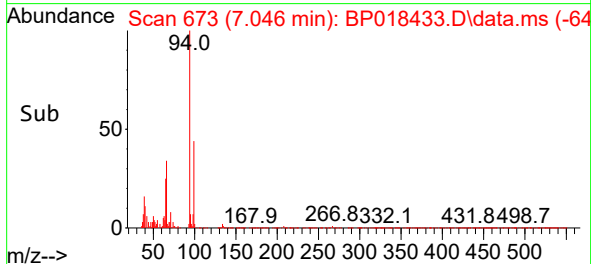
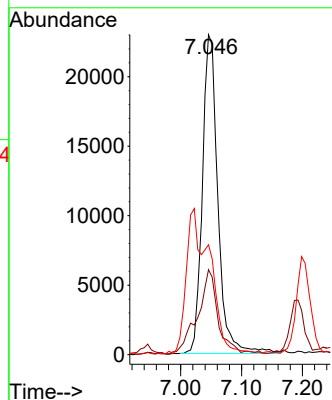
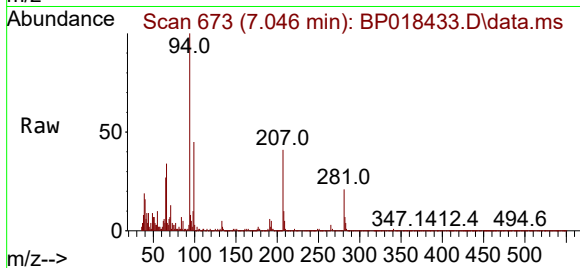
Tgt Ion: 94 Resp: 40721

Ion Ratio Lower Upper

94 100

65 26.5 21.2 31.8

66 34.3 28.0 42.0



#16

Acetophenone

Concen: 3.773 ng/ul

RT: 8.681 min Scan# 951

Delta R.T. -0.000 min

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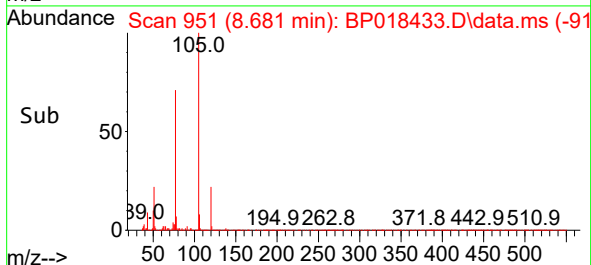
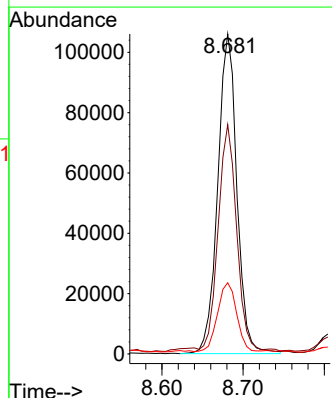
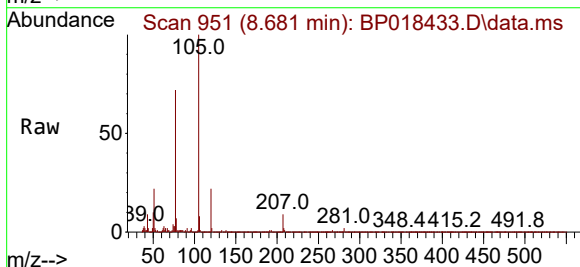
Tgt Ion: 105 Resp: 174071

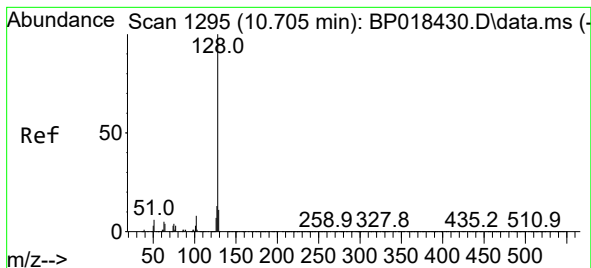
Ion Ratio Lower Upper

105 100

77 71.6 59.5 89.3

51 22.2 20.5 30.7





#30

Naphthalene

Concen: 1.346 ng/ul

RT: 10.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BP018433.D

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Instrument :

BNA_P

ClientSampleId :

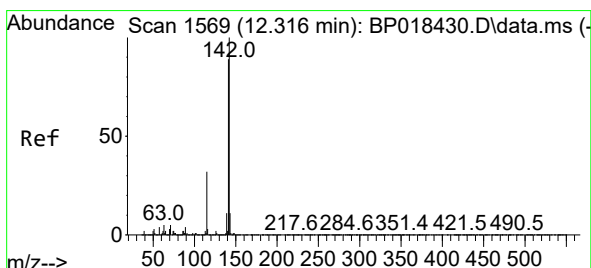
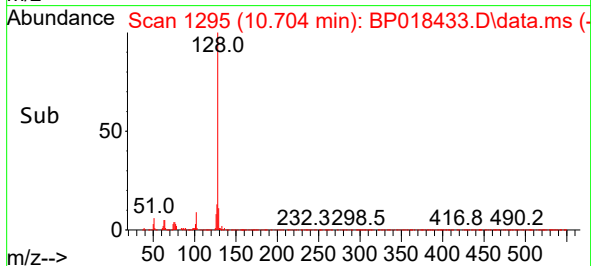
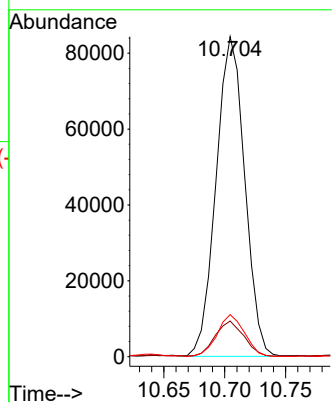
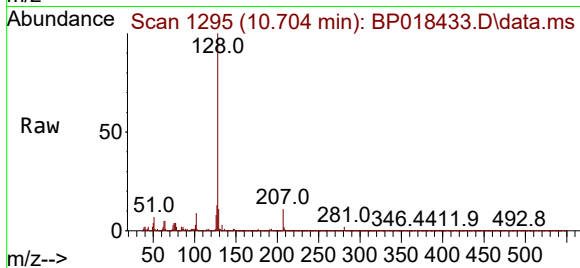
Tgt Ion:128 Resp: 137924

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.4 15.6



#36

2-Methylnaphthalene

Concen: 2.214 ng/ul

RT: 12.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BP018433.D

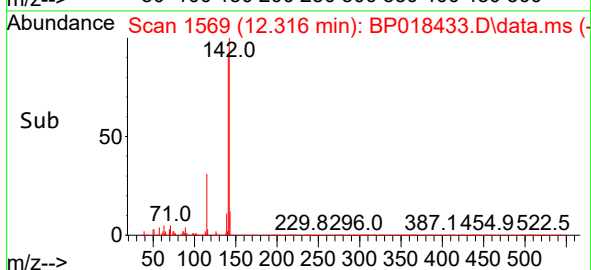
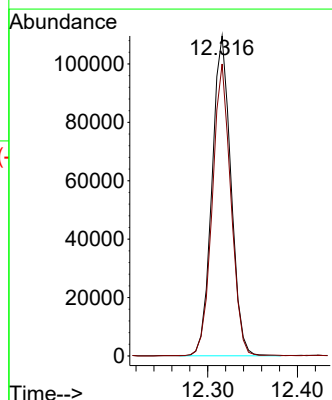
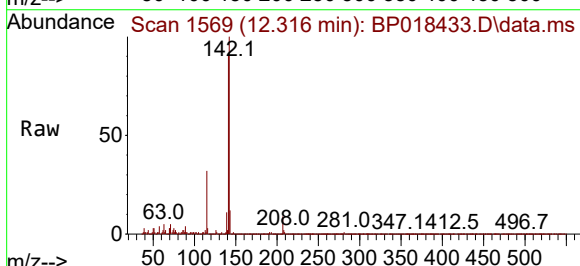
Acq: 28 Nov 2023 10:46

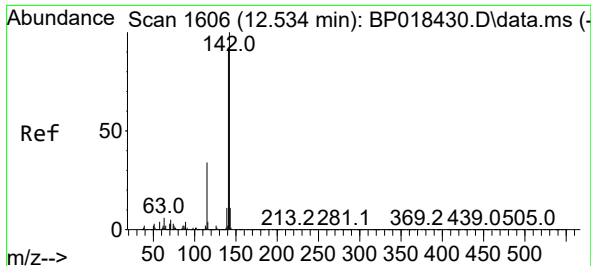
Tgt Ion:142 Resp: 160567

Ion Ratio Lower Upper

142 100

141 91.2 71.0 106.4





#37

1-Methylnaphthalene

Concen: 1.628 ng/ul

RT: 12.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018433.D

Acq: 28 Nov 2023 10:46

Instrument :

BNA_P

ClientSampleId :

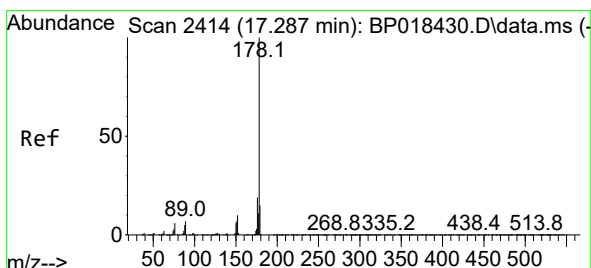
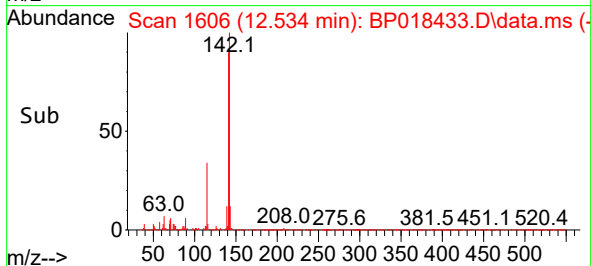
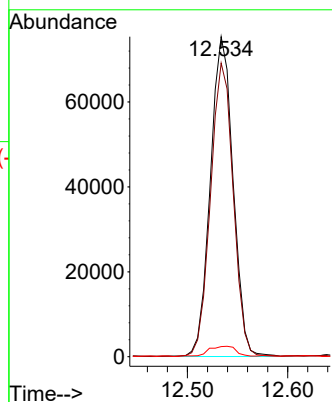
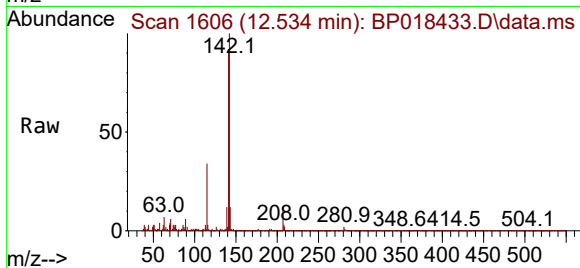
Tgt Ion:142 Resp: 118893

Ion Ratio Lower Upper

142 100

141 91.8 73.9 110.9

116 3.2 3.0 4.4



#72

Phenanthrene

Concen: 2.352 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BP018433.D

Acq: 28 Nov 2023 10:46

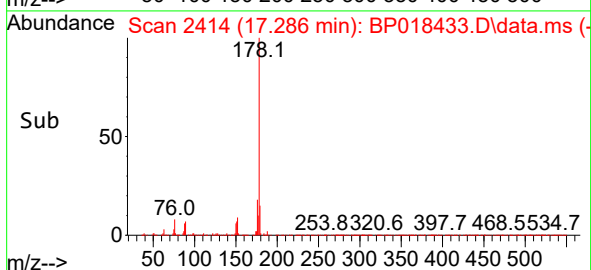
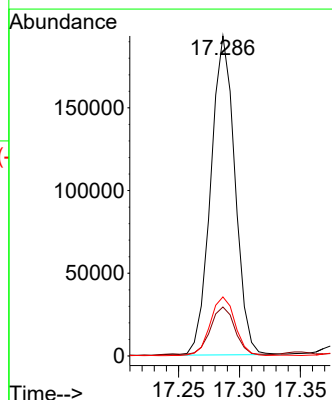
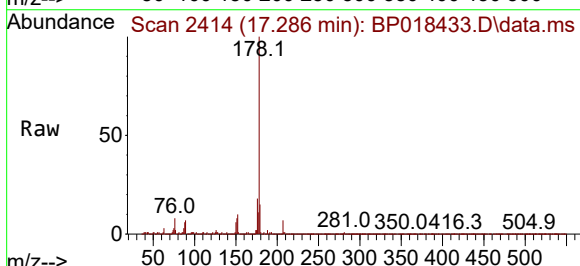
Tgt Ion:178 Resp: 266328

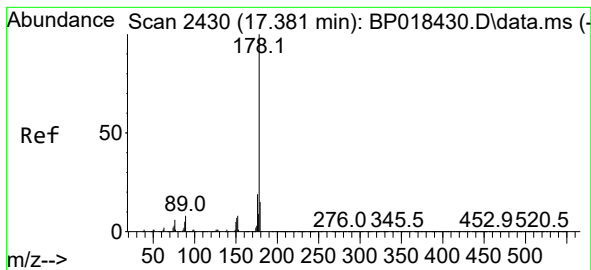
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

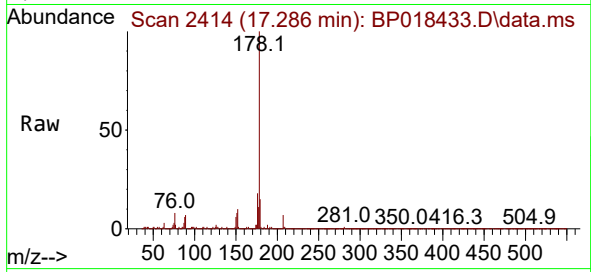
176 18.5 15.1 22.7





#74
Anthracene
Concen: 2.329 ng/ul
RT: 17.286 min Scan# 24
Delta R.T. -0.094 min
Lab File: BP018433.D
Acq: 28 Nov 2023 10:46

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:178 Resp: 266177
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.5 15.2 22.8

