

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022428.D
 Acq On : 17 Oct 2024 00:35
 Operator : RC/JU
 Sample : P4284-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EW4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 17 01:56:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 11:47:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	122221	20.000	ng/u1	0.04
20) Naphthalene-d8	10.422	136	478189	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.287	164	390509	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	948716	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	1063429	20.000	ng/u1	-0.02
88) Perylene-d12	24.751	264	1239554	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7020	2.232	ng/uL	0.02
4) Pyridine-d5	3.617	84	94143	10.903	ng/u1	0.03
7) Phenol-d5	6.858	99	144018	13.998	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.011	67	81578	13.491	ng/u1	0.04
11) 2-Chlorophenol-d4	7.211	132	109336	14.977	ng/u1	0.04
15) 4-Methylphenol-d8	8.369	113	122182	14.881	ng/u1	0.04
21) Nitrobenzene-d5	8.811	128	53905	14.661	ng/u1	0.04
24) 2-Nitrophenol-d4	9.522	143	66840	15.702	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.052	165	140329	15.511	ng/u1	0.03
31) 4-Chloroaniline-d4	10.563	131	119907	11.216	ng/u1	0.03
46) Dimethylphthalate-d6	13.693	166	518035	16.696	ng/u1	0.02
49) Acenaphthylene-d8	13.975	160	514896	15.625	ng/u1	0.01
54) 4-Nitrophenol-d4	14.498	143	58780	11.293	ng/u1	0.00
60) Fluorene-d10	15.287	176	448678	16.672	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	74885m	12.002	ng/u1	0.02
73) Anthracene-d10	17.181	188	767296	17.192	ng/u1	0.00
81) Pyrene-d10	19.557	212	976221	17.359	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.521	264	1124379	16.985	ng/u1	-0.05
Target Compounds						
					Qvalue	
72) Phenanthrene	17.128	178	101902	2.008	ng/u1	99
80) Fluoranthene	19.216	202	295587	4.572	ng/u1	97
82) Pyrene	19.586	202	225416	3.253	ng/u1	98
85) Benzo(a)anthracene	21.480	228	130011	1.744	ng/u1	98
87) Chrysene	21.545	228	138211	1.999	ng/u1	95
90) Benzo(b)fluoranthene	23.716	252	171596	2.199	ng/u1	100
93) Benzo(a)pyrene	24.586	252	105281	1.466	ng/u1	97

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

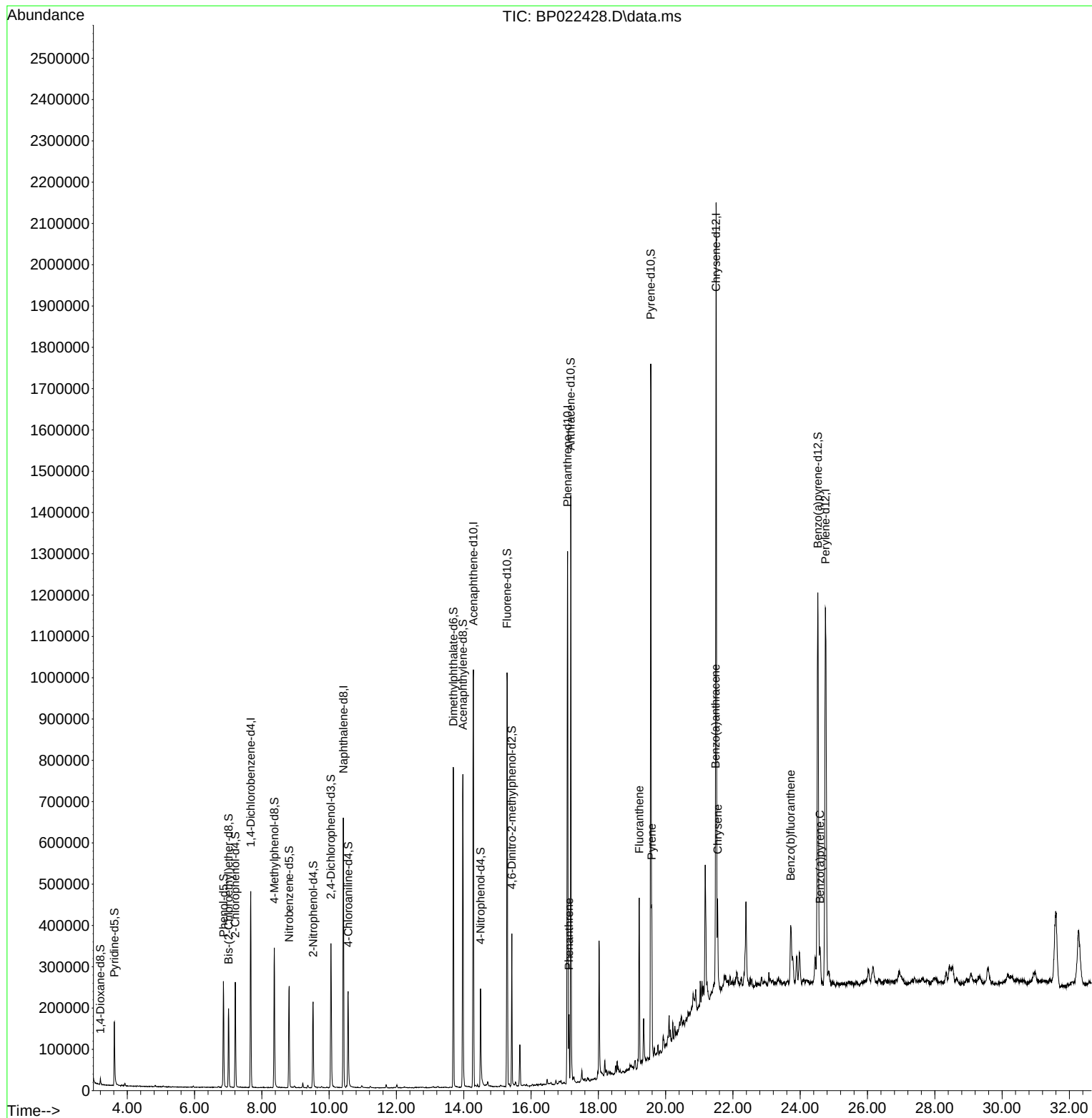
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022428.D
Acq On : 17 Oct 2024 00:35
Operator : RC/JU
Sample : P4284-14
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ALS Vial : 19 Sample Multiplier: 1

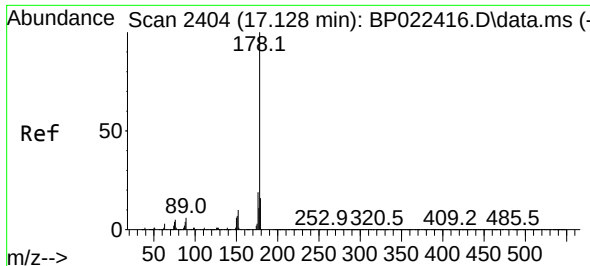
Instrument :
BNA_P
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Quant Time: Oct 17 01:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
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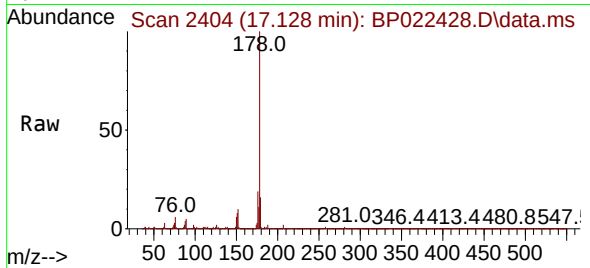
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024





#72
Phenanthrene
Concen: 2.008 ng/u1
RT: 17.128 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP022428.D
Acq: 17 Oct 2024 00:35

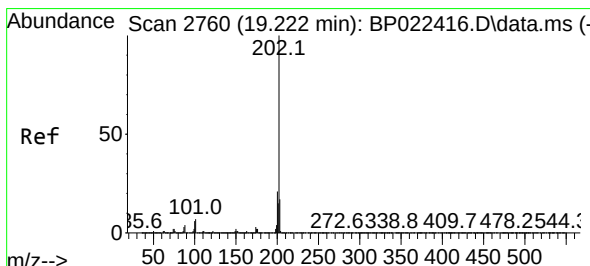
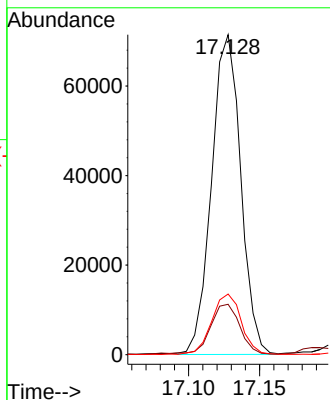
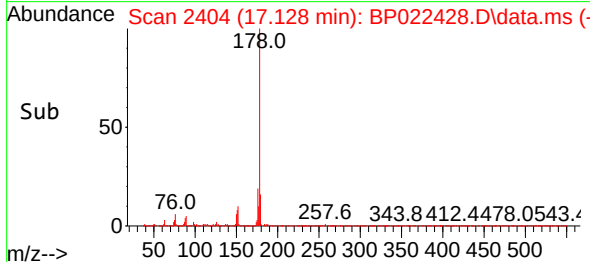
Instrument :
BNA_P
ClientSampleId :
A4EW4



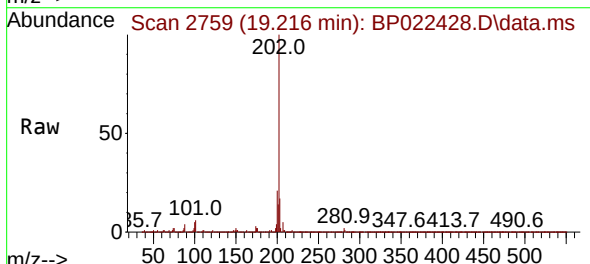
Tgt Ion:178 Resp: 101902
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.0 15.7 23.5

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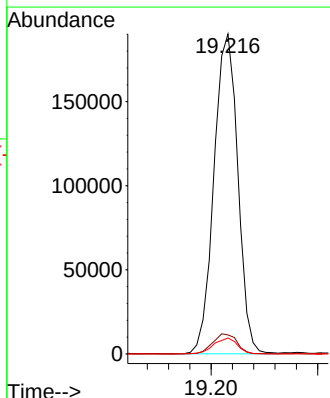
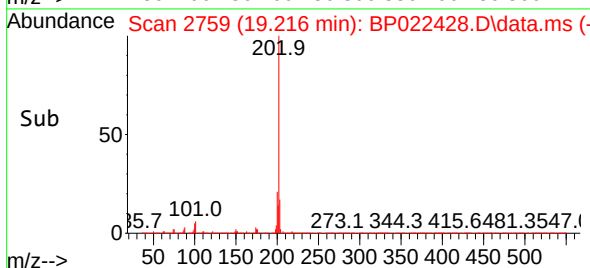
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Supervised By :mohammad ahmed 10/18/2024

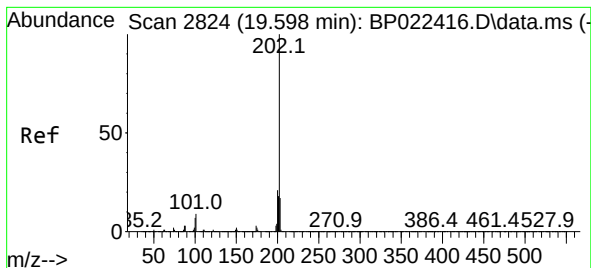


#80
Fluoranthene
Concen: 4.572 ng/u1
RT: 19.216 min Scan# 2759
Delta R.T. -0.011 min
Lab File: BP022428.D
Acq: 17 Oct 2024 00:35



Tgt Ion:202 Resp: 295587
Ion Ratio Lower Upper
202 100
101 6.0 5.8 8.8
100 5.0 4.5 6.7





#82

Pyrene

Concen: 3.253 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP022428.D

Acq: 17 Oct 2024 00:35

Instrument :

BNA_P

ClientSampleId :

A4EW4

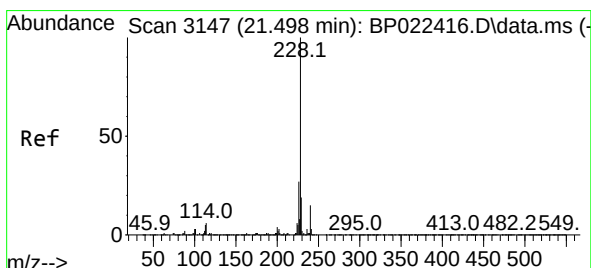
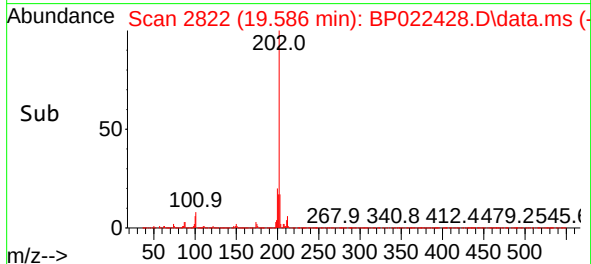
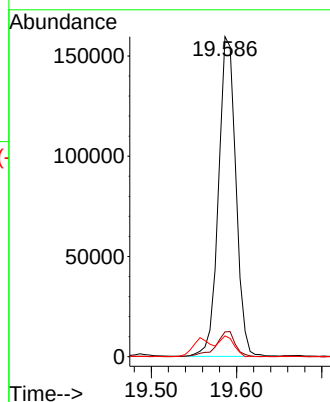
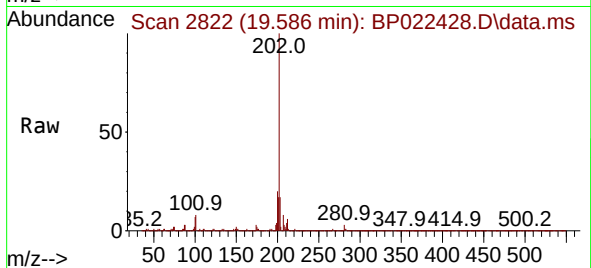
Tgt Ion:202	Resp: 225410
Ion Ratio	Lower Upper
202 100	
101 7.8	6.7 10.1
100 6.5	5.8 8.6

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#85

Benzo(a)anthracene

Concen: 1.744 ng/ul

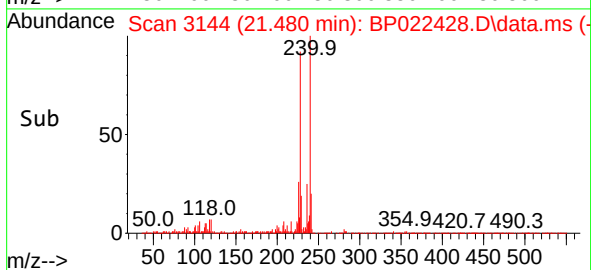
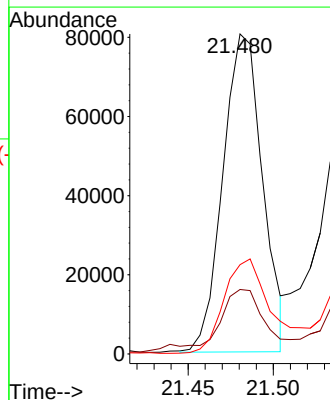
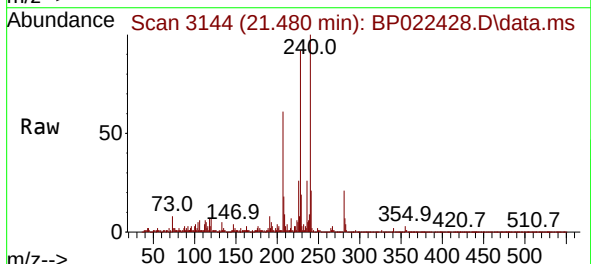
RT: 21.480 min Scan# 3144

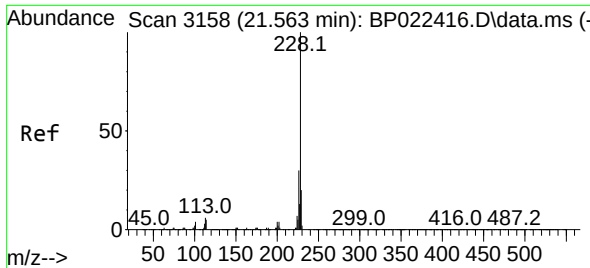
Delta R.T. -0.023 min

Lab File: BP022428.D

Acq: 17 Oct 2024 00:35

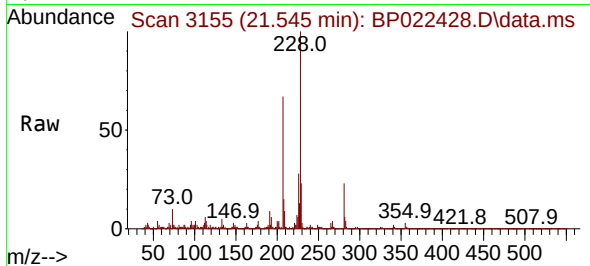
Tgt Ion:228	Resp: 130011
Ion Ratio	Lower Upper
228 100	
229 20.2	15.4 23.0
226 27.9	21.5 32.3





#87
Chrysene
Concen: 1.999 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. -0.017 min
Lab File: BP022428.D
Acq: 17 Oct 2024 00:35

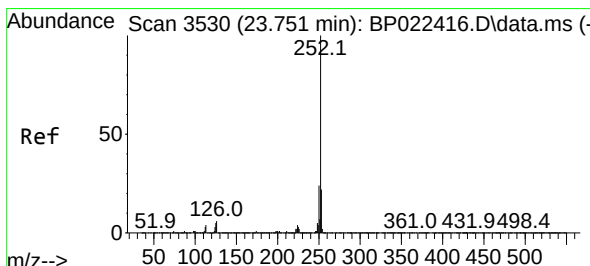
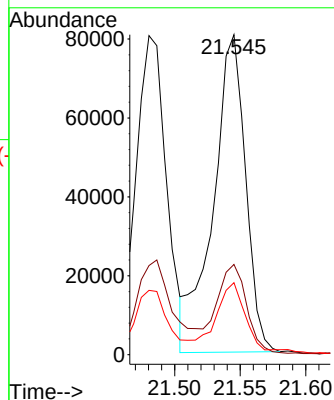
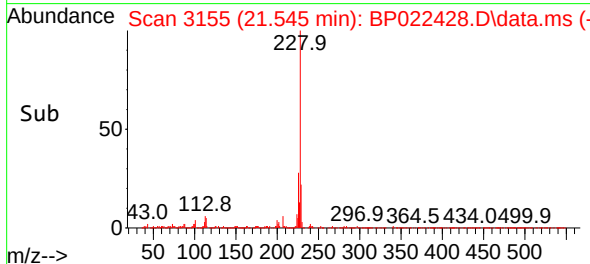
Instrument :
BNA_P
ClientSampleId :
A4EW4



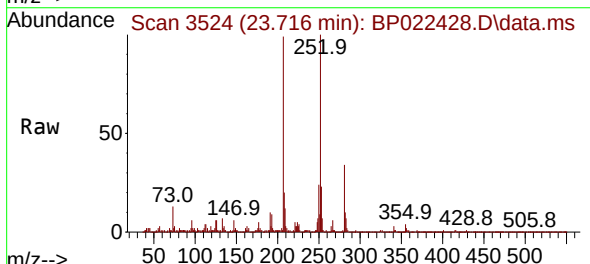
Tgt Ion:228 Resp: 13821
Ion Ratio Lower Upper
228 100
226 28.2 23.8 35.8
229 22.5 15.5 23.3

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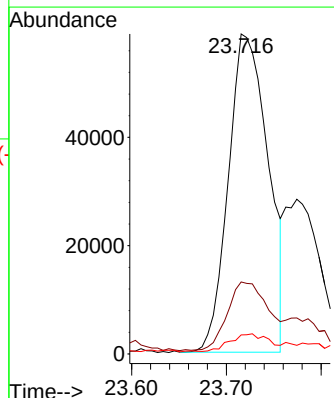
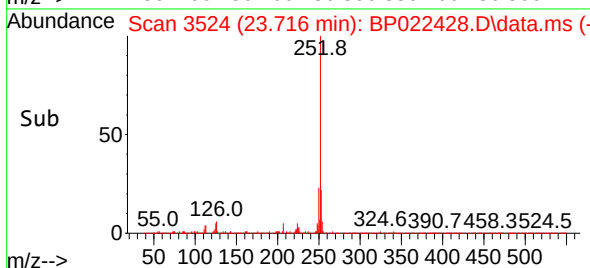
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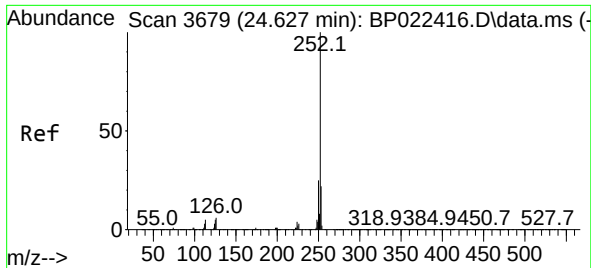


#90
Benzo(b)fluoranthene
Concen: 2.199 ng/ul
RT: 23.716 min Scan# 3524
Delta R.T. -0.035 min
Lab File: BP022428.D
Acq: 17 Oct 2024 00:35



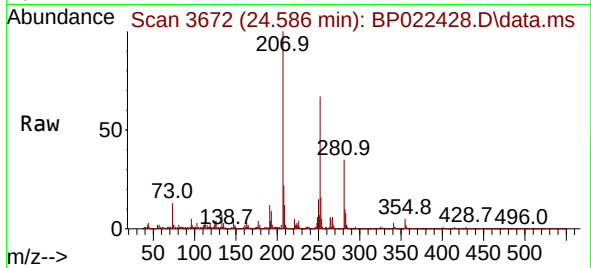
Tgt Ion:252 Resp: 171596
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.9 5.0 7.4





#93
Benzo(a)pyrene
Concen: 1.466 ng/ul
RT: 24.586 min Scan# 30
Delta R.T. -0.047 min
Lab File: BP022428.D
Acq: 17 Oct 2024 00:35

Instrument :
BNA_P
ClientSampleId :
A4EW4



Tgt Ion:252 Resp: 10528
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 6.2 4.9 7.3

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