

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022575.D
 Acq On : 23 Oct 2024 22:58
 Operator : RC/JU
 Sample : P4415-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F68

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Supervised By :mohammad
 ahmed
 10/25/2024

Quant Time: Oct 24 02:01:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	126665	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	500725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	391537	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	953143	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	922975	20.000	ng/u1	0.01
88) Perylene-d12	24.780	264	1074610	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3533	1.084	ng/uL	0.00
4) Pyridine-d5	3.622	84	9398	1.050	ng/u1	0.01
7) Phenol-d5	6.857	99	70717	6.632	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	42042	6.709	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	54154	7.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	54773	6.437	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	24526	6.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	29386	6.593	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	63132	6.664	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	48846	4.363	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	212617	6.835	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	227647	6.890	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	21976m	4.211	ng/u1	0.01
60) Fluorene-d10	15.281	176	200151	7.418	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	12851	2.050	ng/u1	0.01
73) Anthracene-d10	17.180	188	331304	7.389	ng/u1	0.01
81) Pyrene-d10	19.557	212	356319	7.300	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	281289	4.901	ng/u1	0.02
Target Compounds						Qvalue
16) Acetophenone	8.475	105	44299	3.153	ng/u1	93
72) Phenanthrene	17.128	178	161389	3.165	ng/u1	100
80) Fluoranthene	19.216	202	246073	4.385	ng/u1	100
82) Pyrene	19.592	202	157864	2.625	ng/u1	99
85) Benzo(a)anthracene	21.492	228	112820	1.744	ng/u1	97
87) Chrysene	21.557	228	111642	1.861	ng/u1	97
90) Benzo(b)fluoranthene	23.733	252	146999	2.173	ng/u1	100

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

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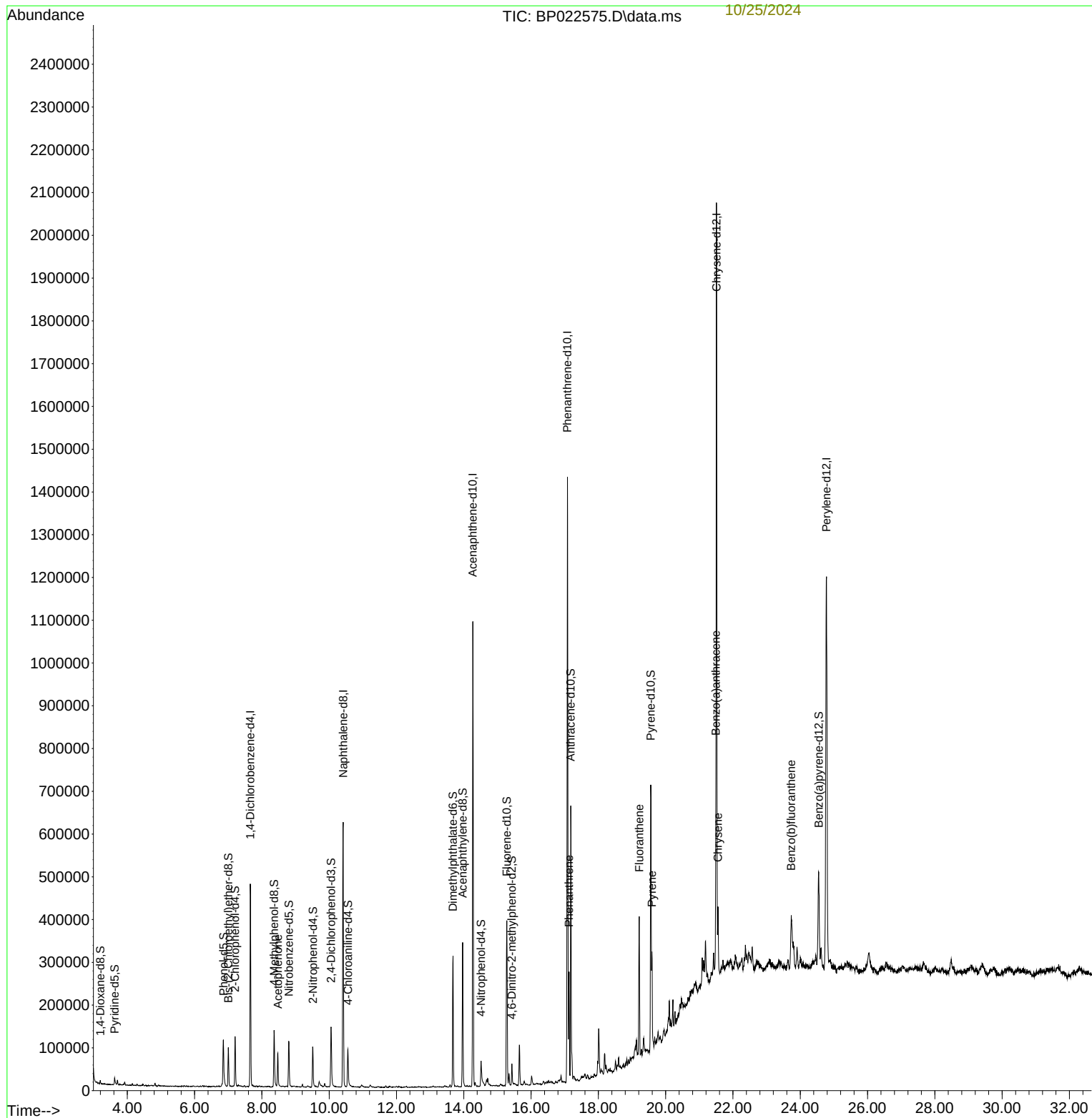
Instrument :
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ClientSampleId :
A4F68

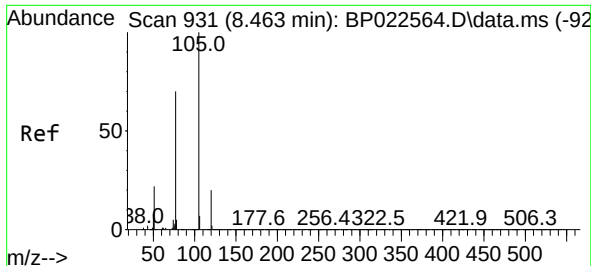
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#16
Acetophenone
Concen: 3.153 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP022575.D
Acq: 23 Oct 2024 22:58

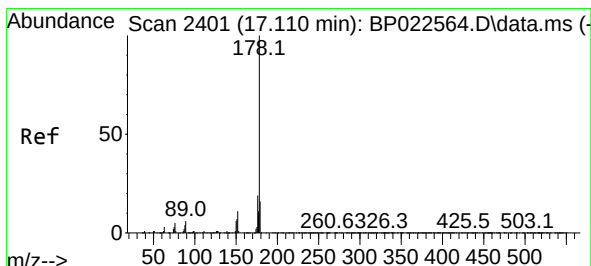
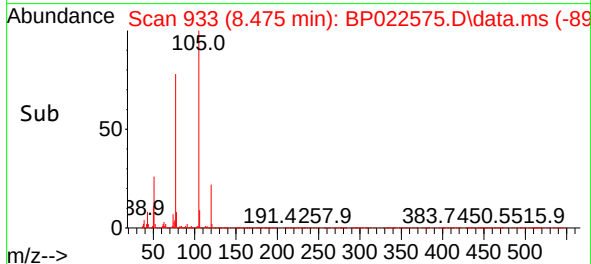
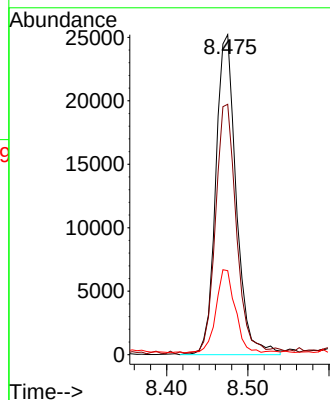
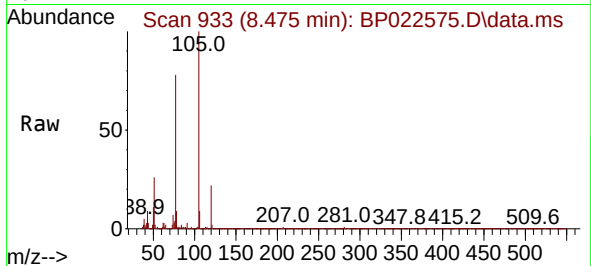
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Tgt Ion:105 Resp: 44299
Ion Ratio Lower Upper
105 100
77 78.3 69.0 103.4
51 26.2 22.6 33.8

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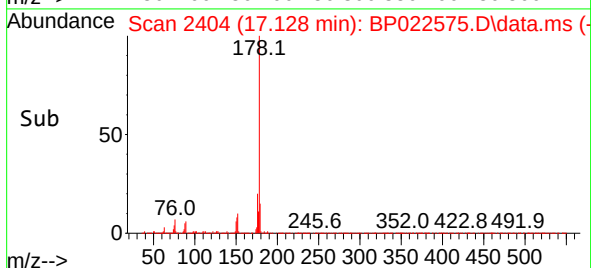
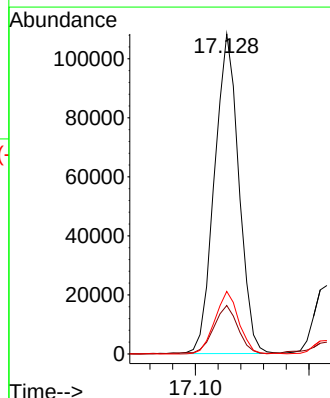
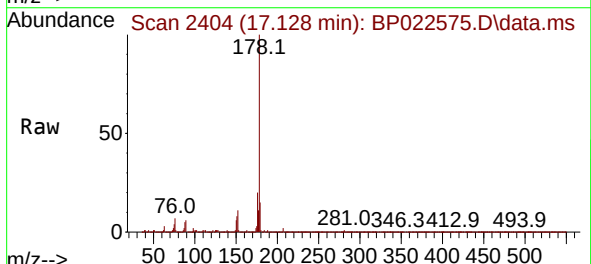
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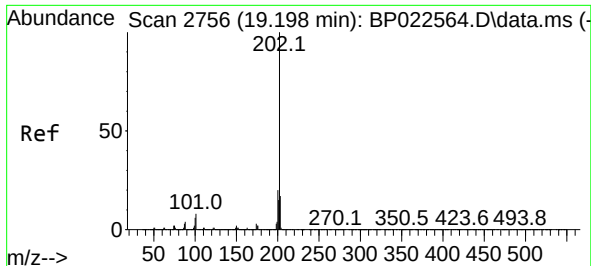
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10/25/2024



#72
Phenanthrene
Concen: 3.165 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP022575.D
Acq: 23 Oct 2024 22:58

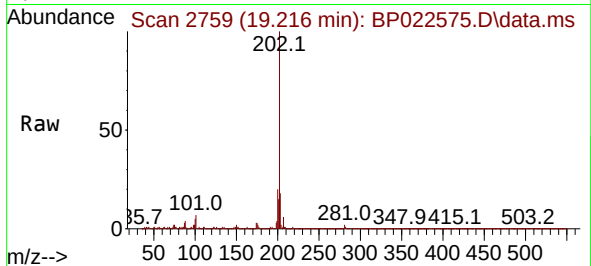
Tgt Ion:178 Resp: 161389
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.5 15.7 23.5





#80
Fluoranthene
Concen: 4.385 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP022575.D
Acq: 23 Oct 2024 22:58

Instrument :
BNA_P
ClientSampleId :
A4F68

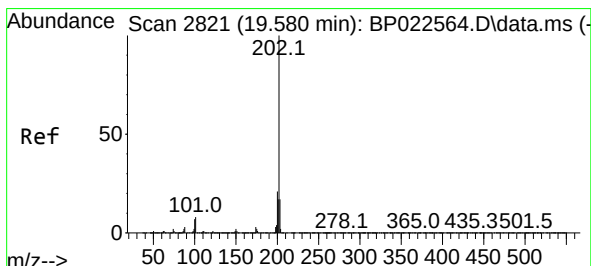
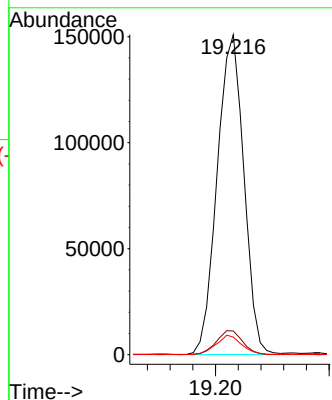


Tgt Ion:202 Resp: 246073
Ion Ratio Lower Upper
202 100
101 7.4 5.8 8.8
100 5.5 4.5 6.7

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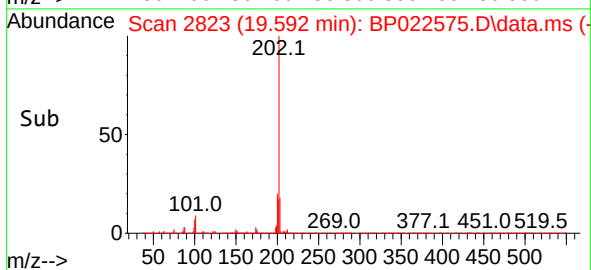
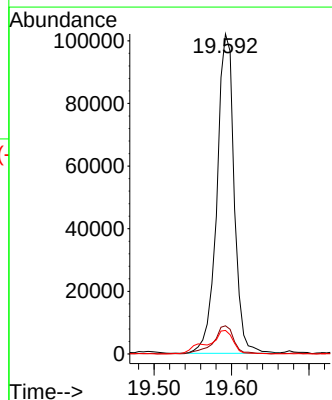
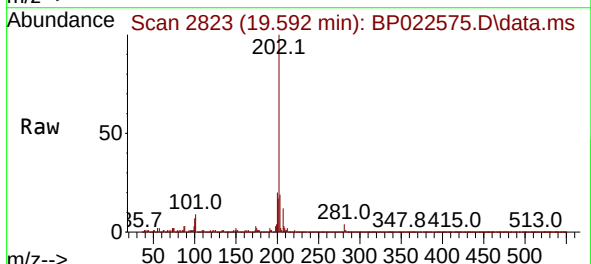
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Supervised By :mohammad ahmed 10/25/2024

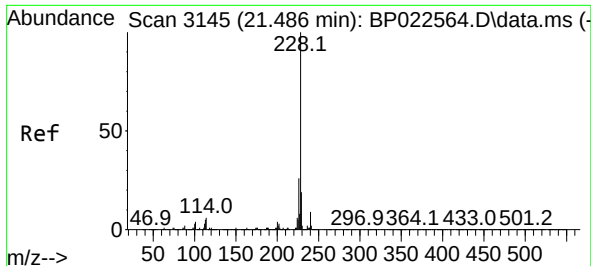
Supervised By :mohammad
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10/25/2024



#82
Pyrene
Concen: 2.625 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.006 min
Lab File: BP022575.D
Acq: 23 Oct 2024 22:58

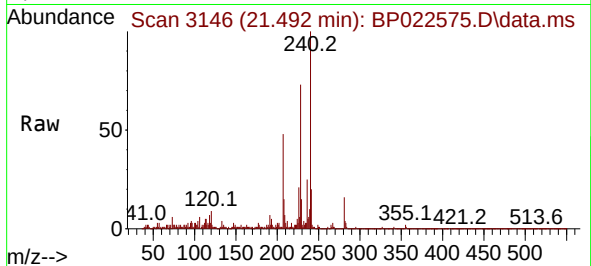
Tgt Ion:202 Resp: 157864
Ion Ratio Lower Upper
202 100
101 8.8 6.7 10.1
100 7.3 5.8 8.6





#85
Benzo(a)anthracene
Concen: 1.744 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. 0.012 min
Lab File: BP022575.D
Acq: 23 Oct 2024 22:58

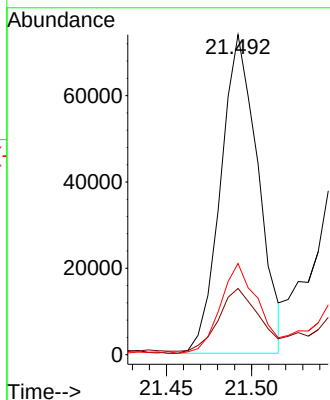
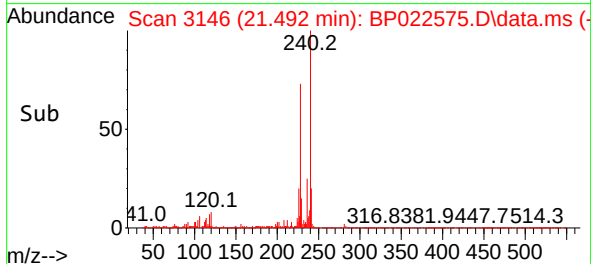
Instrument :
BNA_P
ClientSampleId :
A4F68



Tgt Ion:228 Resp: 112820
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.0
226 28.5 21.5 32.3

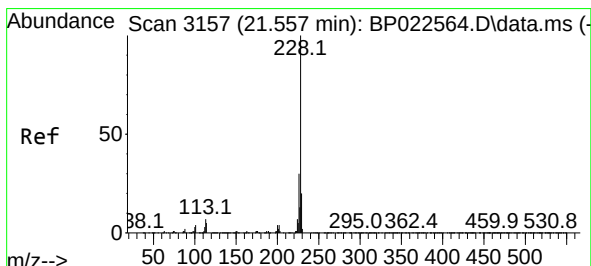
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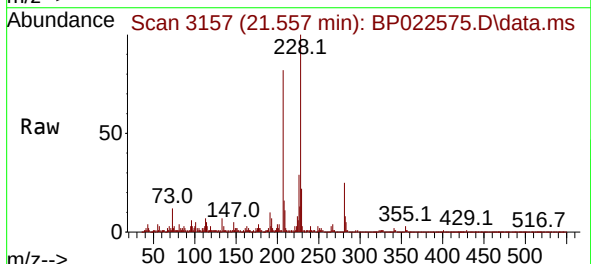


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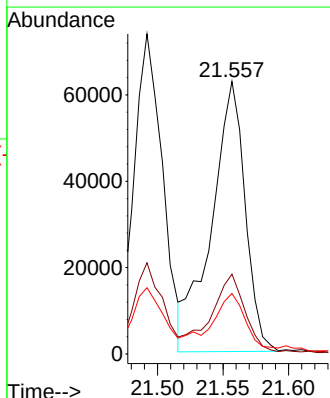
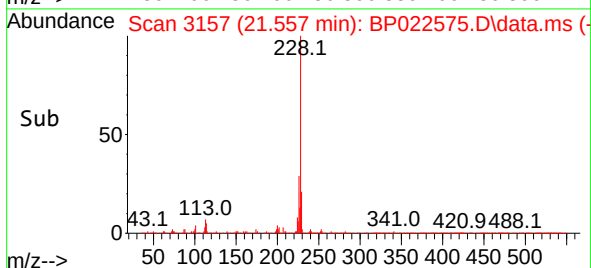
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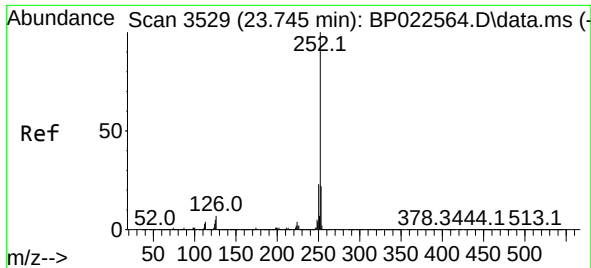


#87
Chrysene
Concen: 1.861 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP022575.D
Acq: 23 Oct 2024 22:58



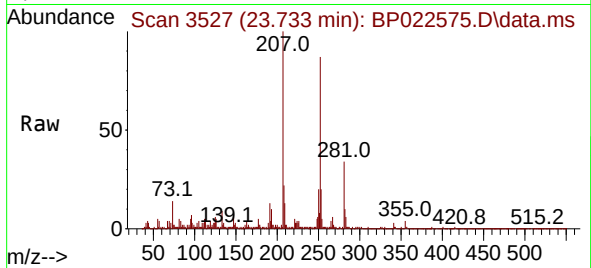
Tgt Ion:228 Resp: 111642
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.8
229 22.2 15.5 23.3





#90
 Benzo(b)fluoranthene
 Concen: 2.173 ng/ul
 RT: 23.733 min Scan# 3527
 Delta R.T. 0.012 min
 Lab File: BP022575.D
 Acq: 23 Oct 2024 22:58

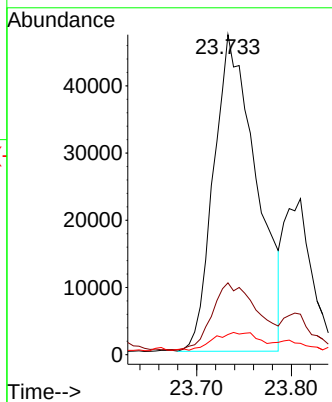
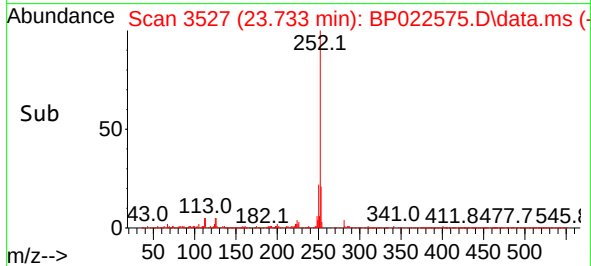
Instrument :
 BNA_P
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Tgt Ion:252 Resp: 146999
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 6.3 5.0 7.4

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