

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023566.D
 Acq On : 23 Dec 2024 17:03
 Operator : RC/JU
 Sample : P5333-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2911

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 04:10:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	190707	20.000	ng/u1	0.02
20) Naphthalene-d8	10.269	136	741496	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.145	164	540860	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	1175400	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.398	240	1176998	20.000	ng/u1	# 0.00
88) Perylene-d12	24.598	264	1296074	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	19635	3.791	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.752	99	364779	24.378	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.875	67	225129	23.847	ng/u1	0.02
11) 2-Chlorophenol-d4	7.081	132	259761	23.521	ng/u1	0.02
15) 4-Methylphenol-d8	8.257	113	265131	21.954	ng/u1	0.02
21) Nitrobenzene-d5	8.669	128	126355	22.820	ng/u1	0.01
24) 2-Nitrophenol-d4	9.381	143	155940	24.436	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.945	165	281247	20.882	ng/u1	0.02
31) 4-Chloroaniline-d4	10.475	131	69271m	4.591	ng/u1	0.05
46) Dimethylphthalate-d6	13.563	166	931818	22.193	ng/u1	0.00
49) Acenaphthylene-d8	13.833	160	867528	19.589	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	126377m	24.562	ng/u1	0.00
60) Fluorene-d10	15.163	176	621645	16.833	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.339	200	121067	17.043	ng/u1	0.00
73) Anthracene-d10	17.063	188	992316	18.498	ng/u1	0.00
81) Pyrene-d10	19.451	212	980531	15.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	848522	12.230	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.781	94	20049m	1.287	ng/u1	
72) Phenanthrene	17.010	178	103063	1.696	ng/u1	100
80) Fluoranthene	19.104	202	177334	2.517	ng/u1#	91
82) Pyrene	19.480	202	164210	2.196	ng/u1#	91
85) Benzo(a)anthracene	21.380	228	85846	1.088	ng/u1	96
87) Chrysene	21.445	228	90578m	1.198	ng/u1	
90) Benzo(b)fluoranthene	23.592	252	112476	1.381	ng/u1#	91
93) Benzo(a)pyrene	24.433	252	76581	1.037	ng/u1#	90

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

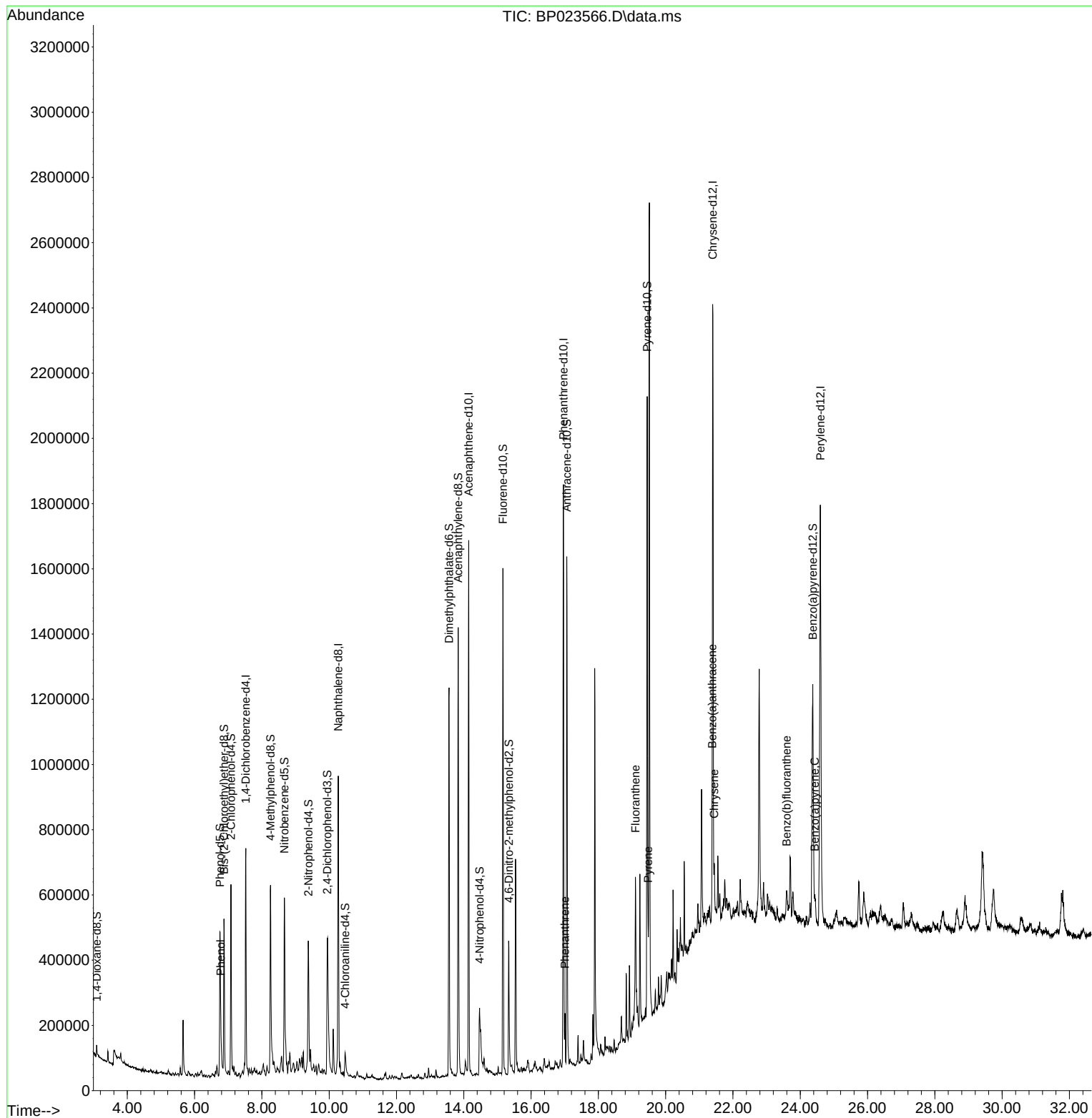
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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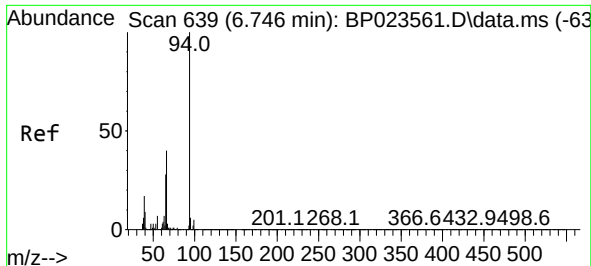
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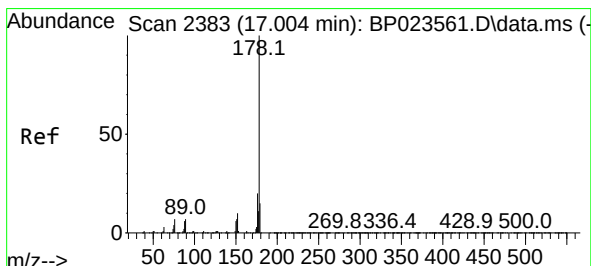
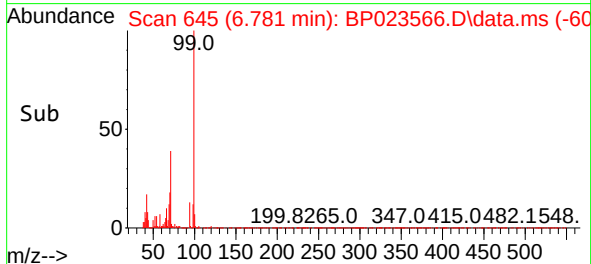
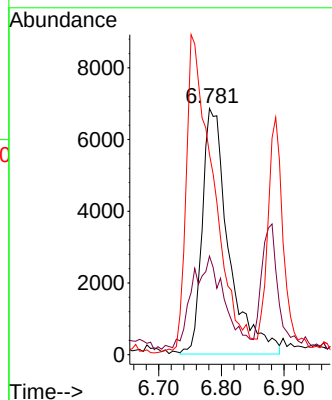
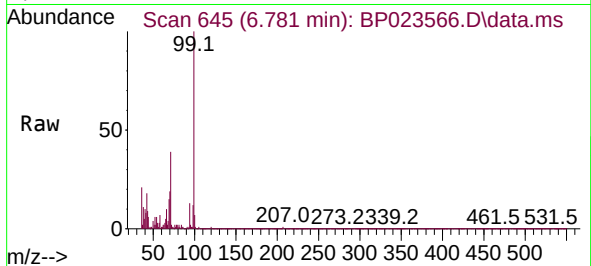
#8
Phenol
Concen: 1.287 ng/ul m
RT: 6.781 min Scan# 645
Delta R.T. 0.035 min
Lab File: BP023566.D
Acq: 23 Dec 2024 17:03

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Tgt Ion: 94 Resp: 20049
Ion Ratio Lower Upper
94 100
65 40.0 28.0 42.0
66 81.3 42.0 63.0

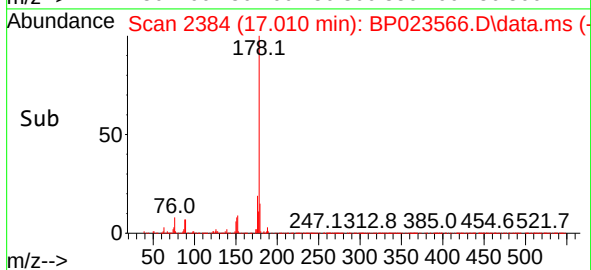
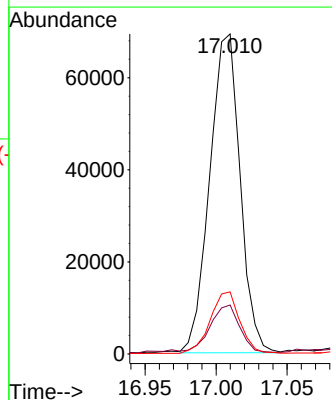
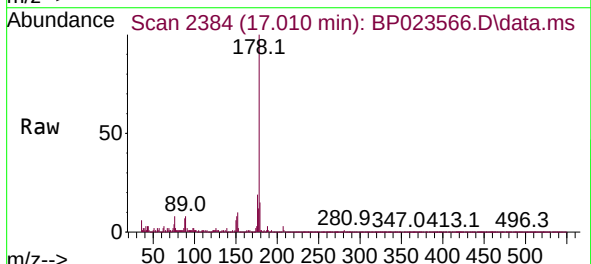
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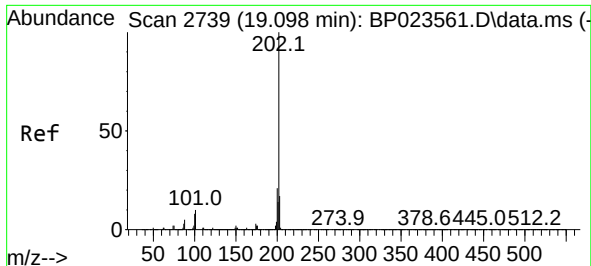
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Phenanthrene
Concen: 1.696 ng/ul
RT: 17.010 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BP023566.D
Acq: 23 Dec 2024 17:03

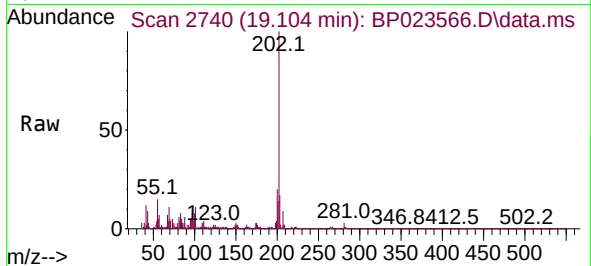
Tgt Ion:178 Resp: 103063
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.4 15.4 23.0





#80
Fluoranthene
Concen: 2.517 ng/ul
RT: 19.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023566.D
Acq: 23 Dec 2024 17:03

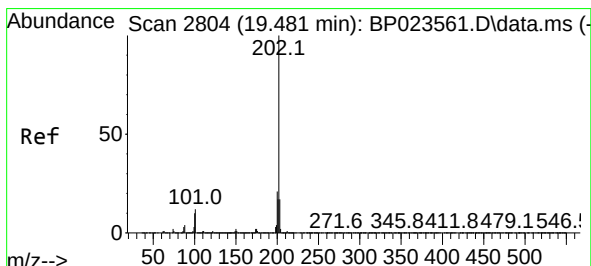
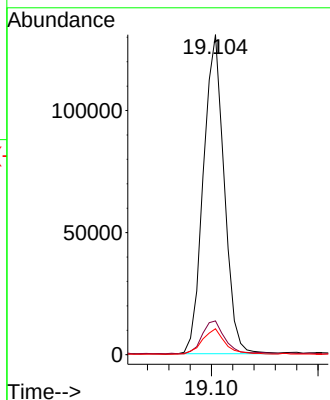
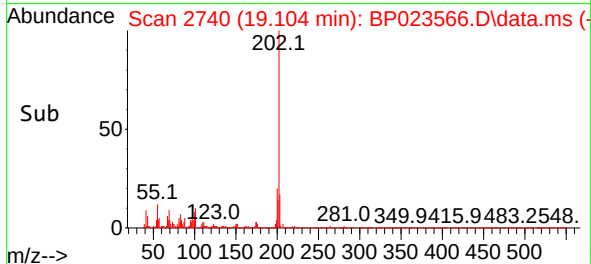
Instrument :
BNA_P
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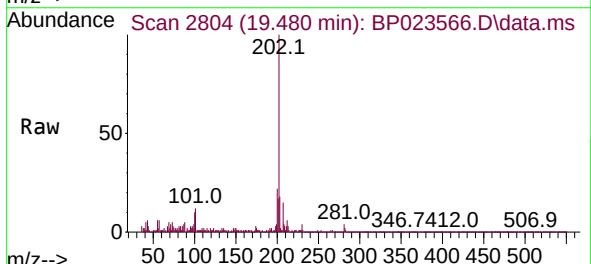
Tgt Ion:202 Resp: 177334
Ion Ratio Lower Upper
202 100
101 10.5 5.6 8.4#
100 8.1 4.6 7.0#

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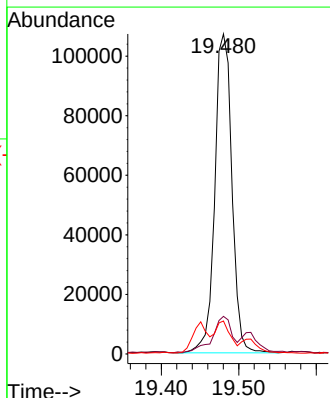
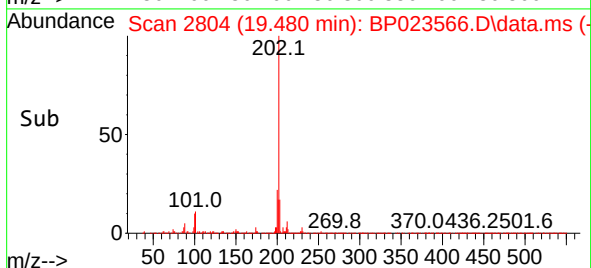
Reviewed By :Yogesh Patel 12/24/2024
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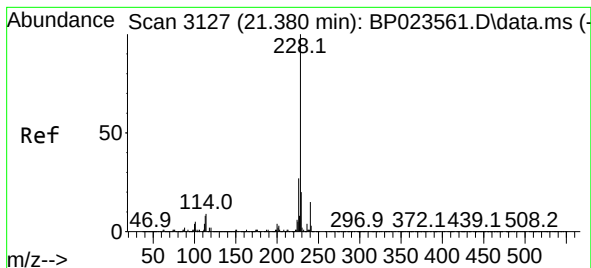


#82
Pyrene
Concen: 2.196 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP023566.D
Acq: 23 Dec 2024 17:03



Tgt Ion:202 Resp: 164210
Ion Ratio Lower Upper
202 100
101 11.8 6.7 10.1#
100 10.3 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 1.088 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BP023566.D

Acq: 23 Dec 2024 17:03

Instrument :

BNA_P

ClientSampleId :

E2911

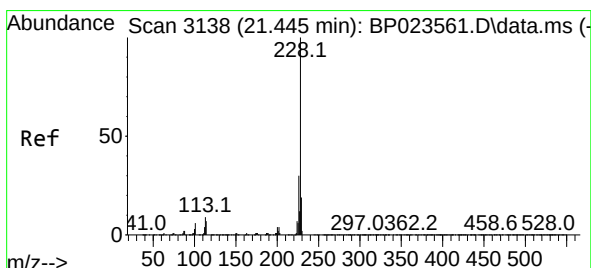
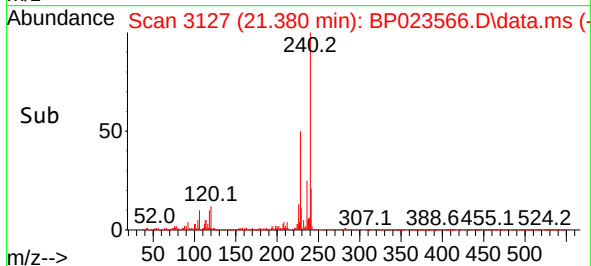
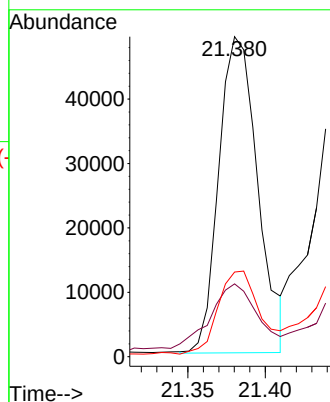
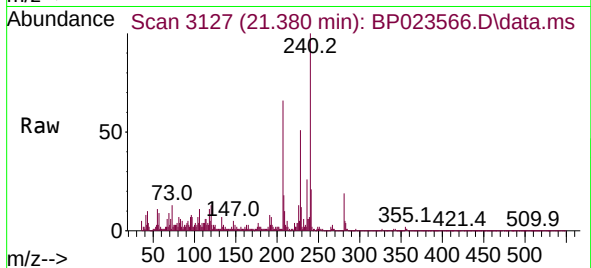
Tgt Ion:	228	Resp:	8584
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.7	23.5
226	26.5	21.6	32.4

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#87

Chrysene

Concen: 1.198 ng/ul m

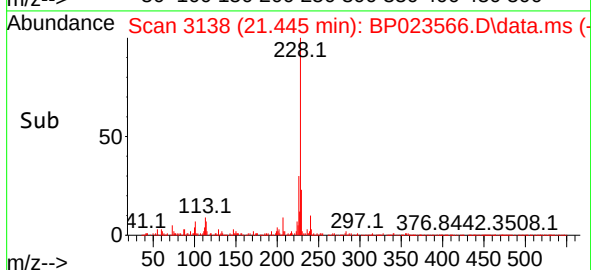
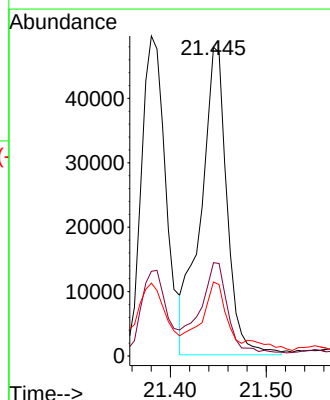
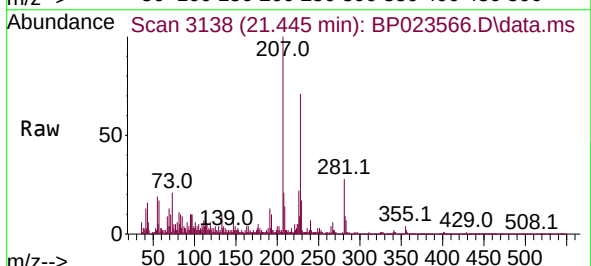
RT: 21.445 min Scan# 3138

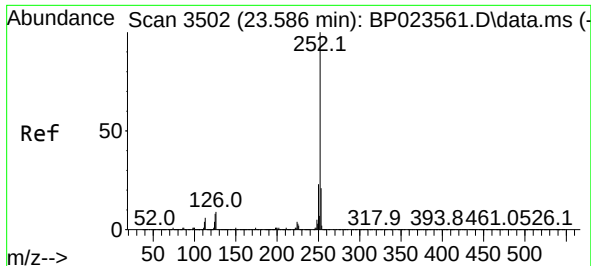
Delta R.T. -0.000 min

Lab File: BP023566.D

Acq: 23 Dec 2024 17:03

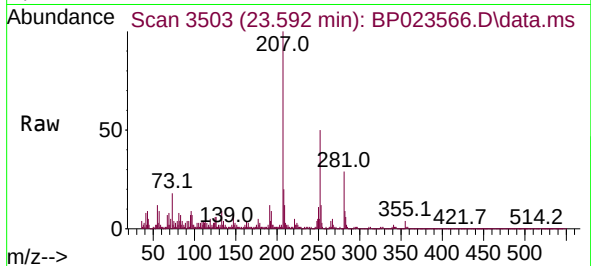
Tgt Ion:	228	Resp:	90578
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.2	36.2
229	23.9	15.6	23.4





#90
Benzo(b)fluoranthene
Concen: 1.381 ng/u1
RT: 23.592 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BP023566.D
Acq: 23 Dec 2024 17:03

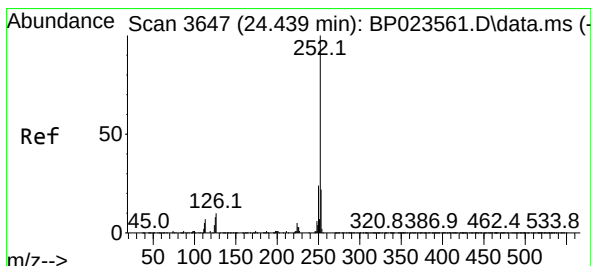
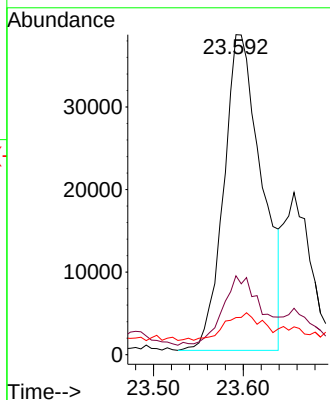
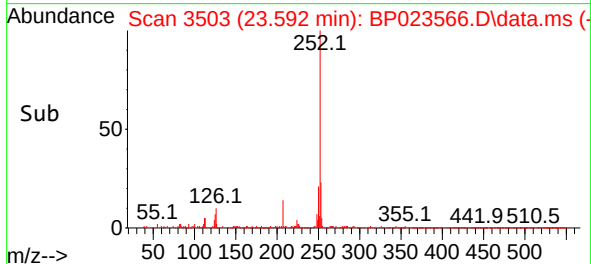
Instrument :
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Tgt Ion:252 Resp: 112470
Ion Ratio Lower Upper
252 100
253 24.6 17.3 25.9
125 11.6 4.4 6.6

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#93
Benzo(a)pyrene
Concen: 1.037 ng/u1
RT: 24.433 min Scan# 3646
Delta R.T. -0.006 min
Lab File: BP023566.D
Acq: 23 Dec 2024 17:03

Tgt Ion:252 Resp: 76581
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.0
125 13.1 5.0 7.4

