

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023563.D
 Acq On : 23 Dec 2024 15:01
 Operator : RC/JU
 Sample : P5302-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2AS0

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:47:04 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	91436	20.000	ng/u1	0.02
20) Naphthalene-d8	10.269	136	320294	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.157	164	217230	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.969	188	448426	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.404	240	497043	20.000	ng/u1	# 0.00
88) Perylene-d12	24.580	264	644178	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	6733	2.711	ng/uL	0.01
4) Pyridine-d5	3.528	84	22784m	3.568	ng/u1	0.04
7) Phenol-d5	6.752	99	114838	16.007	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.875	67	74851	16.537	ng/u1	0.02
11) 2-Chlorophenol-d4	7.081	132	86003	16.242	ng/u1	0.02
15) 4-Methylphenol-d8	8.263	113	66508m	11.486	ng/u1	0.03
21) Nitrobenzene-d5	8.681	128	37441	15.654	ng/u1	0.02
24) 2-Nitrophenol-d4	9.393	143	43828	15.900	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	9.957	165	84134	14.461	ng/u1	0.04
31) 4-Chloroaniline-d4	10.463	131	63847m	9.796	ng/u1	0.04
46) Dimethylphthalate-d6	13.569	166	269637	15.989	ng/u1	0.01
49) Acenaphthylene-d8	13.846	160	273057	15.351	ng/u1	0.01
54) 4-Nitrophenol-d4	14.516	143	28256m	13.673	ng/u1	0.05
60) Fluorene-d10	15.169	176	214443	14.457	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.351	200	19768	7.294	ng/u1	0.01
73) Anthracene-d10	17.069	188	358854	17.535	ng/u1	0.00
81) Pyrene-d10	19.451	212	431310	16.609	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.363	264	443372	12.857	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.781	94	14936	2.000	ng/u1#	86
16) Acetophenone	8.358	105	48278	4.954	ng/u1	97
72) Phenanthrene	17.010	178	27305	1.178	ng/u1	97
80) Fluoranthene	19.110	202	62878	2.113	ng/u1#	96
82) Pyrene	19.486	202	46569	1.475	ng/u1#	88
87) Chrysene	21.451	228	32376	1.014	ng/u1#	96
90) Benzo(b)fluoranthene	23.586	252	48023	1.187	ng/u1#	92

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

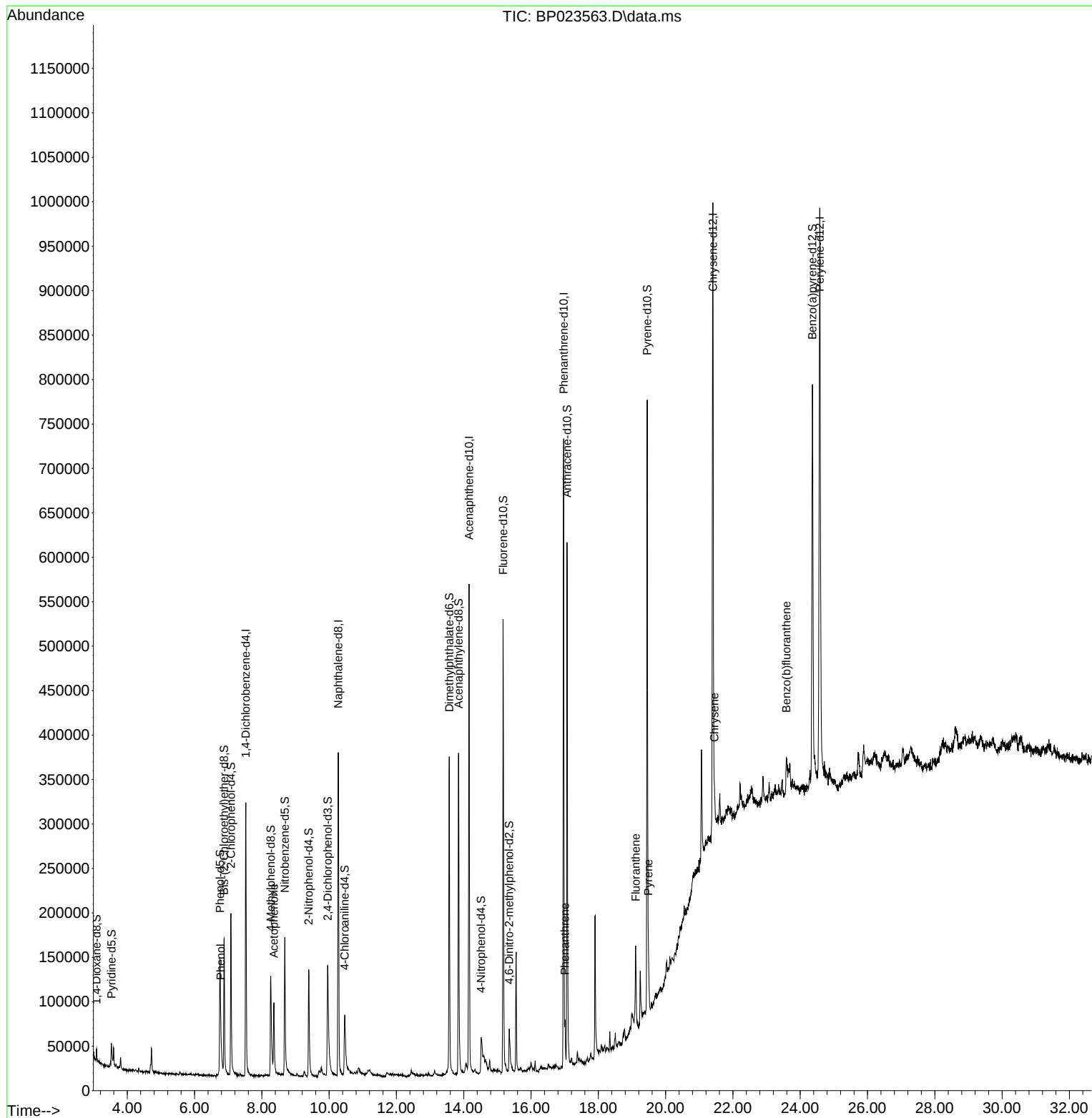
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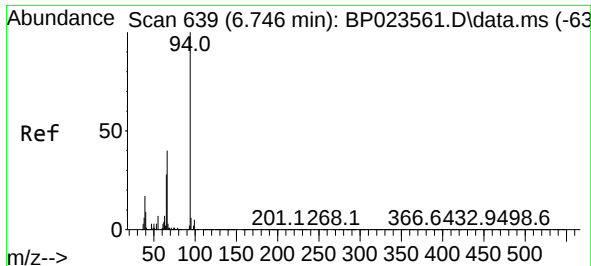
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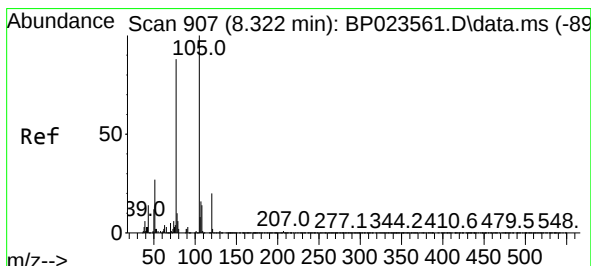
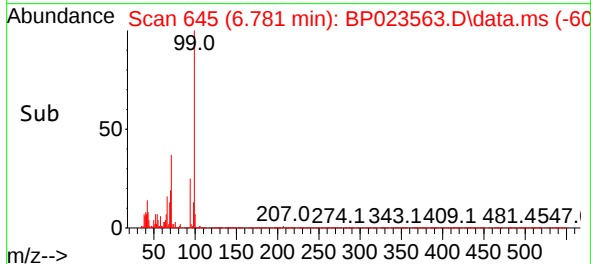
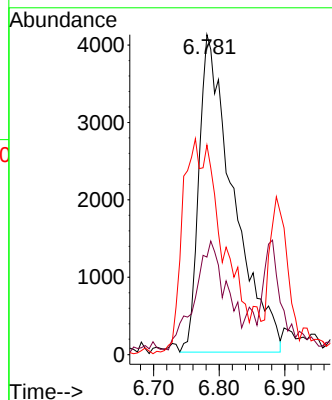
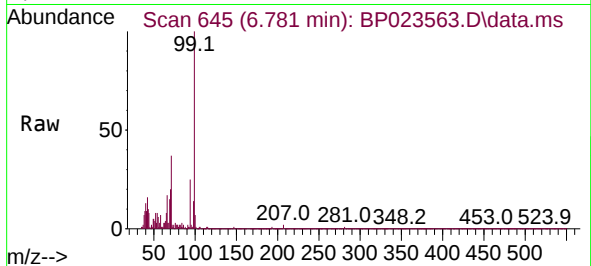
#8
Phenol
Concen: 2.000 ng/ul
RT: 6.781 min Scan# 645
Delta R.T. 0.035 min
Lab File: BP023563.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_P
ClientSampleId :
E2AS0

Tgt Ion: 94 Resp: 14930
Ion Ratio Lower Upper
94 100
65 30.5 28.0 42.0
66 65.5 42.0 63.0

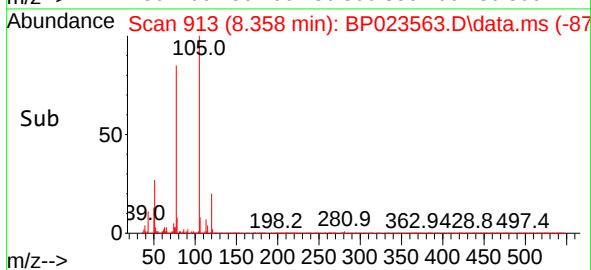
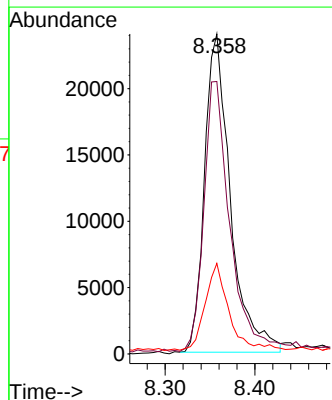
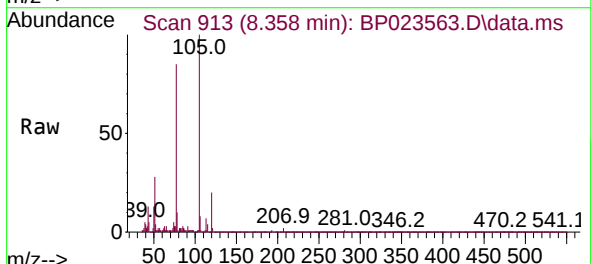
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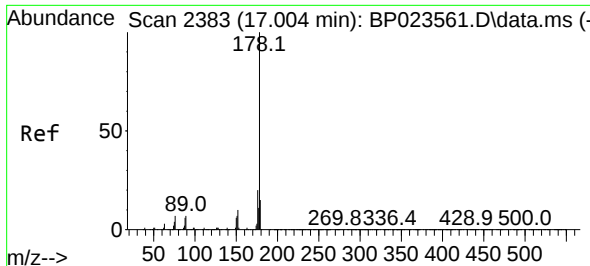
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#16
Acetophenone
Concen: 4.954 ng/ul
RT: 8.358 min Scan# 913
Delta R.T. 0.035 min
Lab File: BP023563.D
Acq: 23 Dec 2024 15:01

Tgt Ion:105 Resp: 48278
Ion Ratio Lower Upper
105 100
77 85.2 71.2 106.8
51 28.3 22.9 34.3





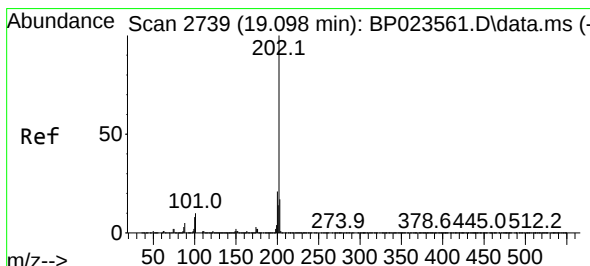
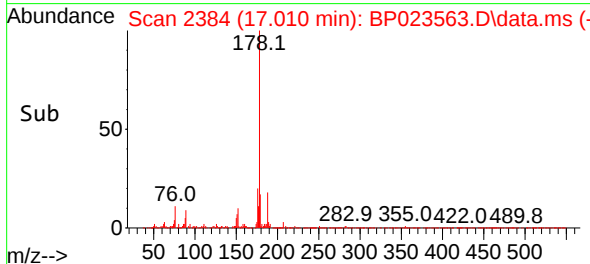
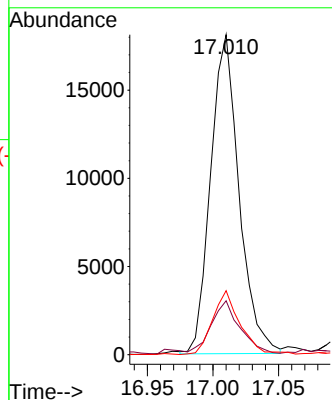
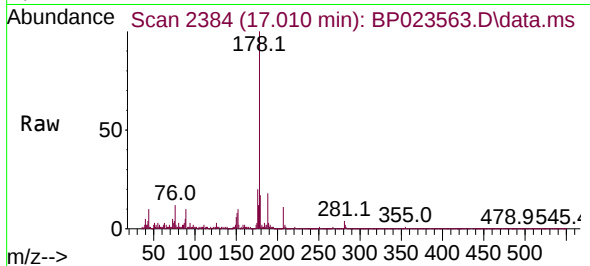
#72
Phenanthrene
Concen: 1.178 ng/ul
RT: 17.010 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023563.D
Acq: 23 Dec 2024 15:01

Instrument :
BNA_P
ClientSampleId :
E2AS0

Tgt Ion:178 Resp: 2730
Ion Ratio Lower Upper
178 100
179 16.8 12.1 18.1
176 20.0 15.4 23.0

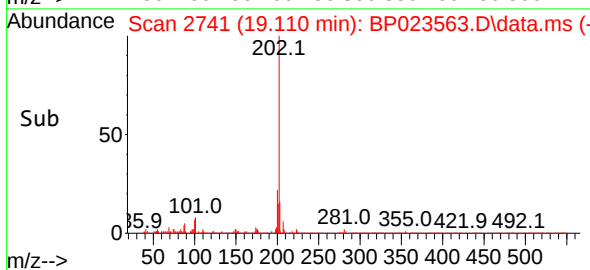
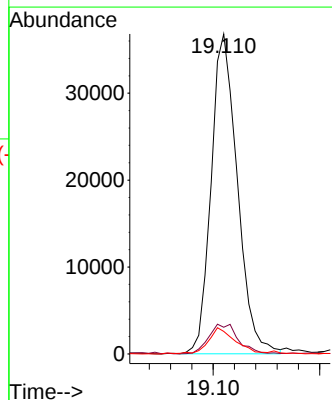
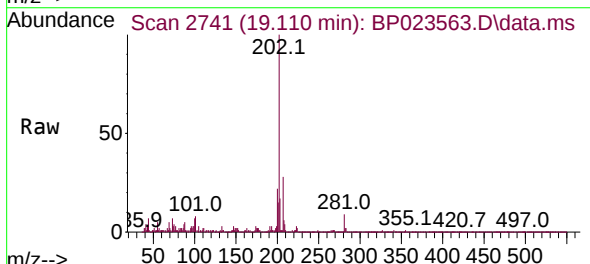
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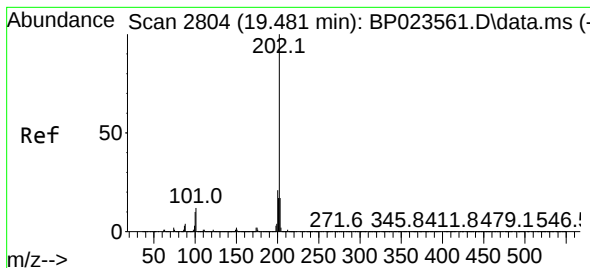
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



#80
Fluoranthene
Concen: 2.113 ng/ul
RT: 19.110 min Scan# 2741
Delta R.T. 0.012 min
Lab File: BP023563.D
Acq: 23 Dec 2024 15:01

Tgt Ion:202 Resp: 62878
Ion Ratio Lower Upper
202 100
101 8.4 5.6 8.4
100 7.1 4.6 7.0





#82

Pyrene

Concen: 1.475 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP023563.D

Acq: 23 Dec 2024 15:01

Instrument :

BNA_P

ClientSampleId :

E2AS0

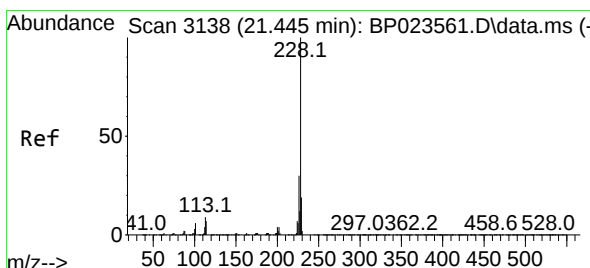
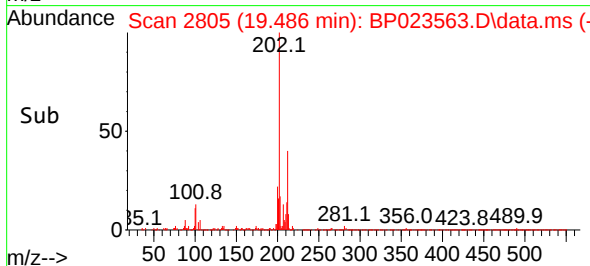
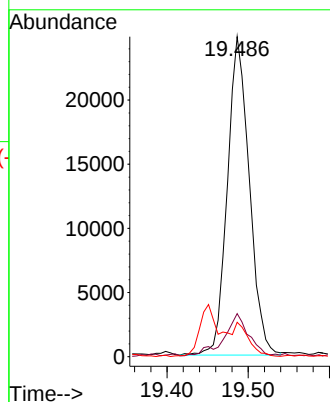
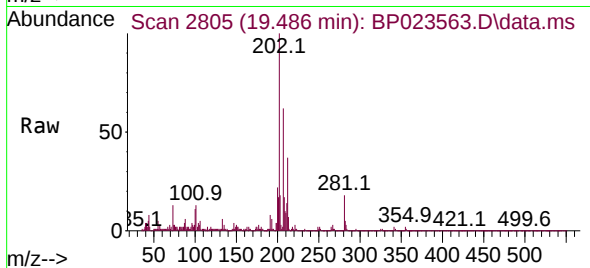
Tgt Ion:	202	Resp:	4656
Ion Ratio	Lower	Upper	
202	100		
101	13.5	6.7	10.1
100	10.8	5.8	8.8

Manual Integrations

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#87

Chrysene

Concen: 1.014 ng/ul

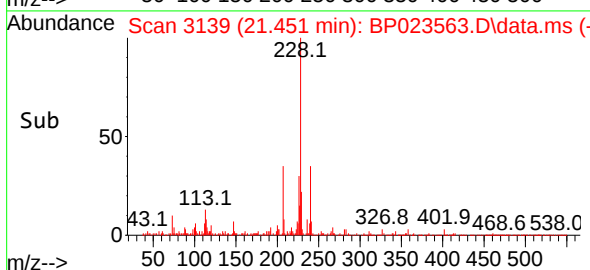
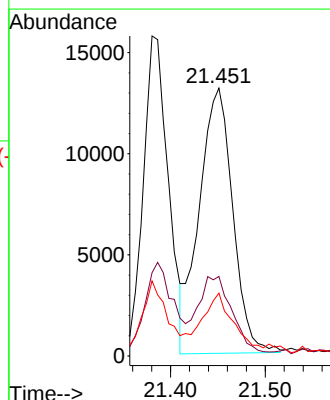
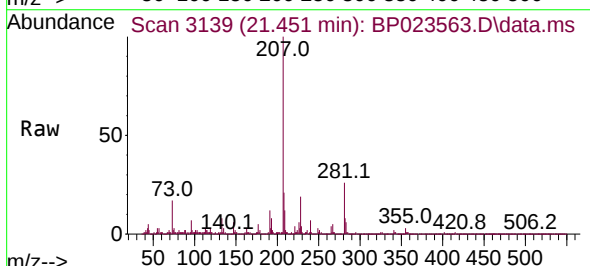
RT: 21.451 min Scan# 3139

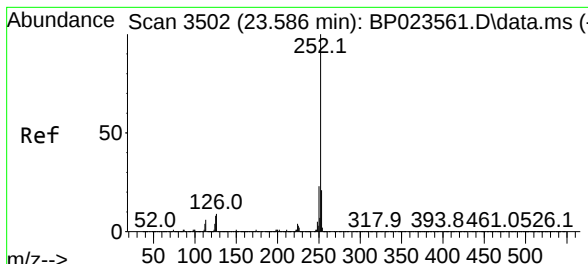
Delta R.T. 0.006 min

Lab File: BP023563.D

Acq: 23 Dec 2024 15:01

Tgt Ion:	228	Resp:	32376
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	23.5	15.6	23.4





#90
 Benzo(b)fluoranthene
 Concen: 1.187 ng/ul
 RT: 23.586 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP023563.D
 Acq: 23 Dec 2024 15:01

Instrument :
 BNA_P
 ClientSampleId :
 E2AS0

Tgt Ion:	252	Resp:	4802
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.3	25.9
125	9.2	4.4	6.6

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