

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017853.D
 Acq On : 01 Nov 2023 16:06
 Operator : MA/JU
 Sample : 04952-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAR4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

Supervised By :mohammad
 ahmed
 11/04/2023

Quant Time: Nov 02 01:37:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	124990	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	483903	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.581	164	299710	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	583595	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.522	240	503139	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	540295	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11745	3.496	ng/uL	0.02
4) Pyridine-d5	3.723	84	87000	9.890	ng/u1	0.03
7) Phenol-d5	7.046	99	69226	6.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	213221	33.194	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	208227	24.546	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	137946	16.889	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	130907	33.385	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.805	143	161080	37.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	238732	28.091	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	95587	8.594	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	802671	31.903	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	865902	30.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	32570m	9.085	ng/u1	0.03
60) Fluorene-d10	15.587	176	782757	35.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	111416	28.984	ng/u1	0.00
73) Anthracene-d10	17.475	188	1024371	34.348	ng/u1	0.00
81) Pyrene-d10	19.739	212	1136509	36.029	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	996005	33.098	ng/u1	0.02
Target Compounds						
2) 1,4-Dioxane	3.311	88	36214	10.162	ng/uL#	94
37) 1-Methylnaphthalene	12.604	142	1186392	61.671	ng/u1	99
52) Acenaphthene	14.646	153	56187	2.644	ng/u1	90
56) Dibenzofuran	14.987	168	55547	1.862	ng/u1#	53
61) Fluorene	15.645	166	74310	3.033	ng/u1#	91
72) Phenanthrene	17.422	178	188028	5.500	ng/u1#	89

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

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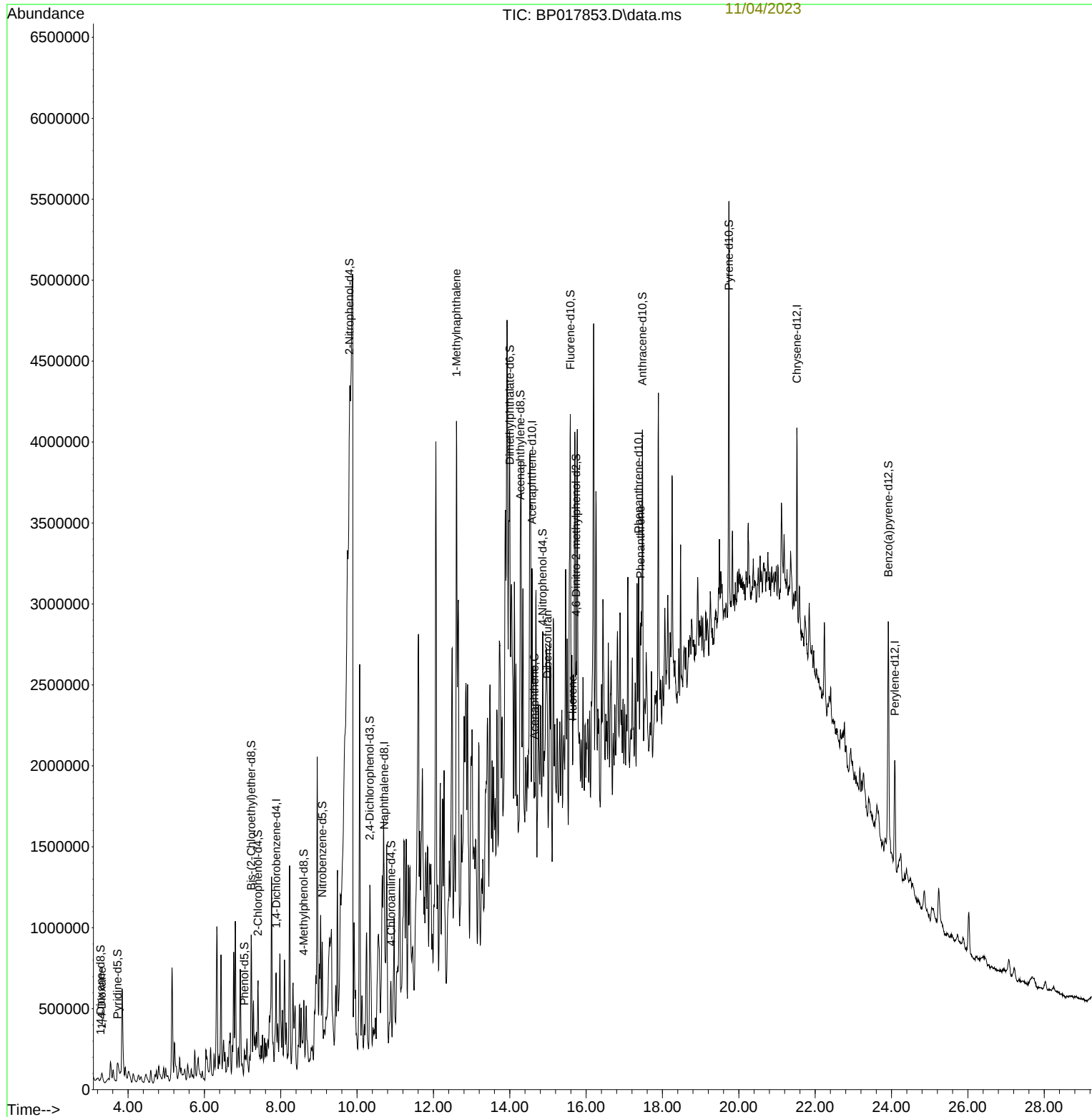
Instrument :
BNA_P
ClientSampleId :
EOAR4

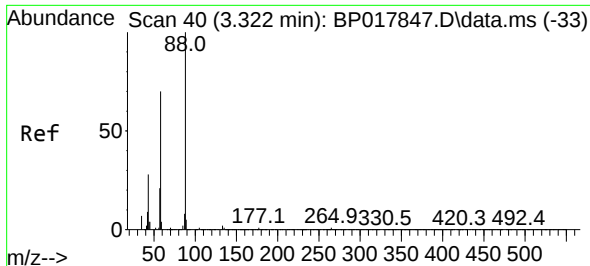
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#2
1,4-Dioxane
Concen: 10.162 ng/uL
RT: 3.311 min Scan# 38
Delta R.T. 0.012 min
Lab File: BP017853.D
Acq: 01 Nov 2023 16:06

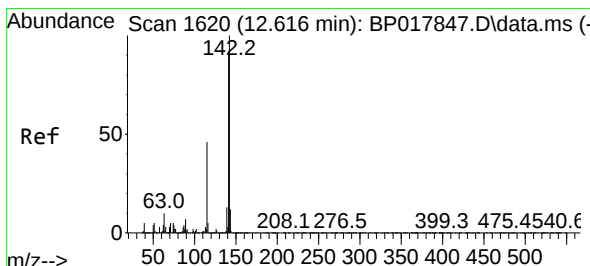
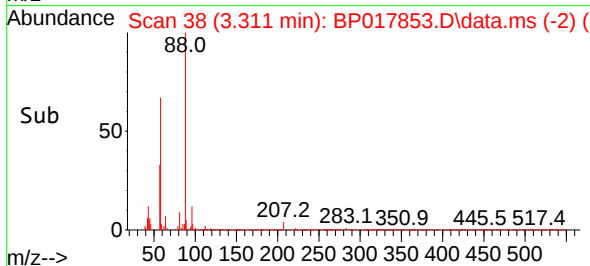
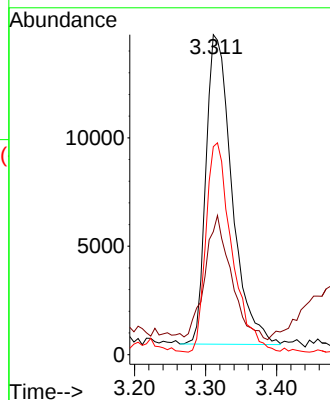
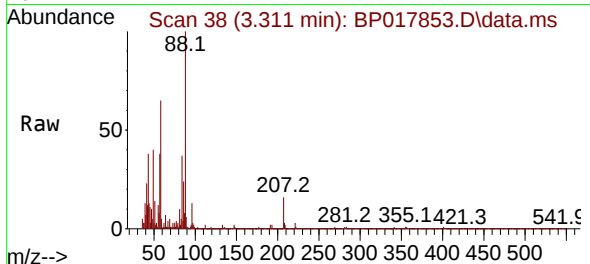
Instrument :
BNA_P
ClientSampleId :
EOAR4

Tgt Ion: 88 Resp: 36214
Ion Ratio Lower Upper
88 100
43 38.5 24.4 36.6
58 65.0 53.0 79.6

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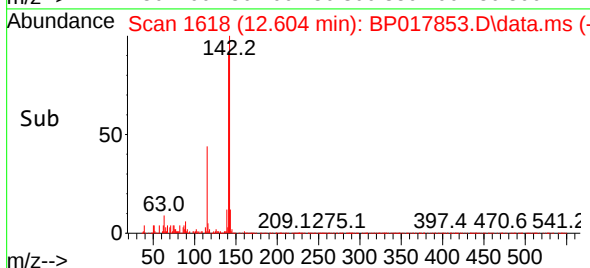
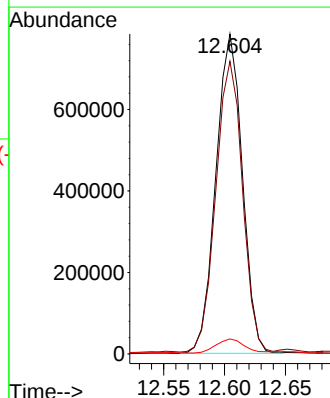
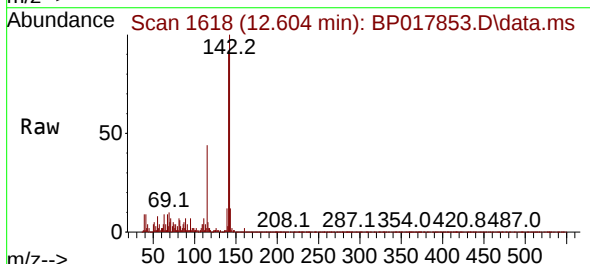
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Supervised By :mohammad ahmed 11/04/2023

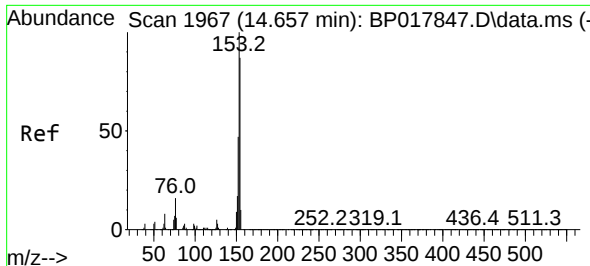
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ahmed
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#37
1-Methylnaphthalene
Concen: 61.671 ng/uL
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP017853.D
Acq: 01 Nov 2023 16:06

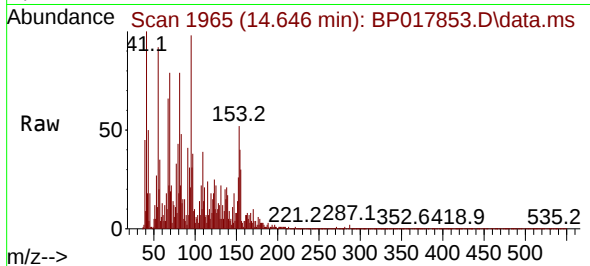
Tgt Ion:142 Resp: 1186392
Ion Ratio Lower Upper
142 100
141 91.4 72.5 108.7
116 4.7 3.4 5.2





#52
Acenaphthene
Concen: 2.644 ng/ul
RT: 14.646 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP017853.D
Acq: 01 Nov 2023 16:06

Instrument :
BNA_P
ClientSampleId :
EOAR4

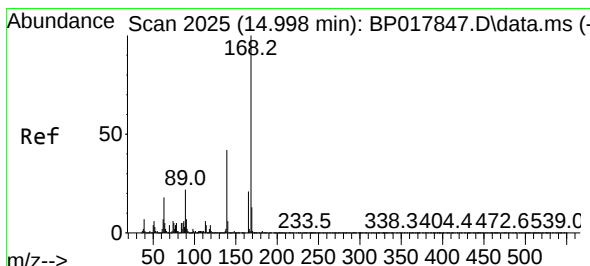
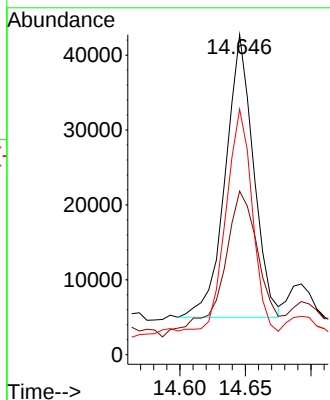
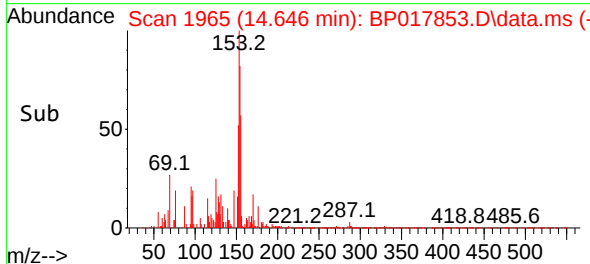


Tgt Ion:153 Resp: 5618
Ion Ratio Lower Upper
153 100
152 51.1 37.6 56.4
154 76.7 70.0 105.0

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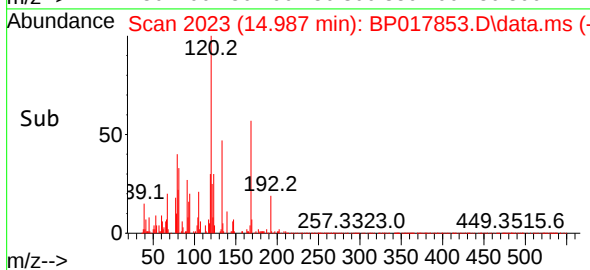
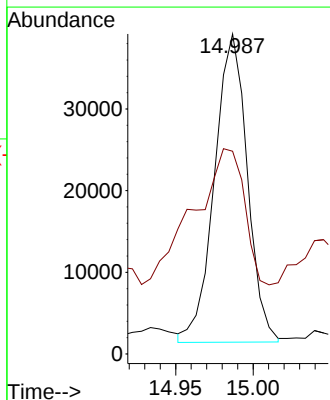
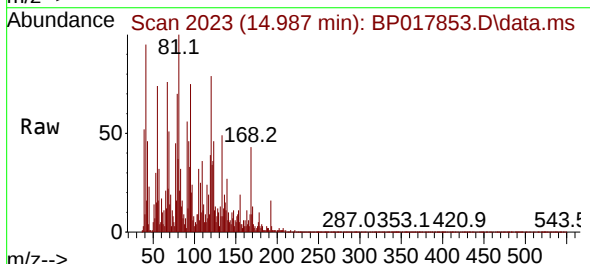
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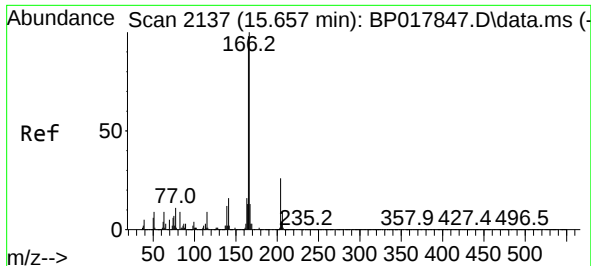
Supervised By :mohammad
ahmed
11/04/2023



#56
Dibenzofuran
Concen: 1.862 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017853.D
Acq: 01 Nov 2023 16:06

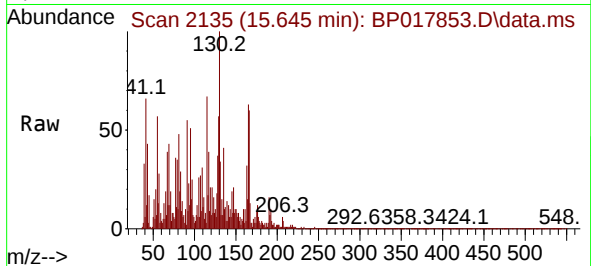
Tgt Ion:168 Resp: 55547
Ion Ratio Lower Upper
168 100
139 63.4 28.6 43.0#





#61
Fluorene
Concen: 3.033 ng/u1
RT: 15.645 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP017853.D
Acq: 01 Nov 2023 16:06

Instrument :
BNA_P
ClientSampleId :
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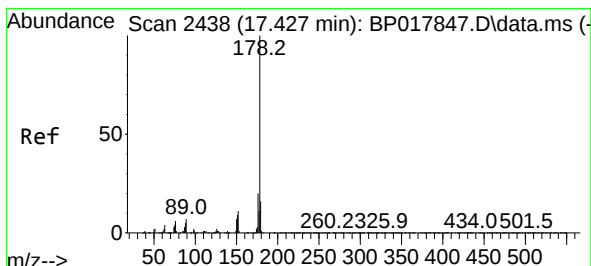
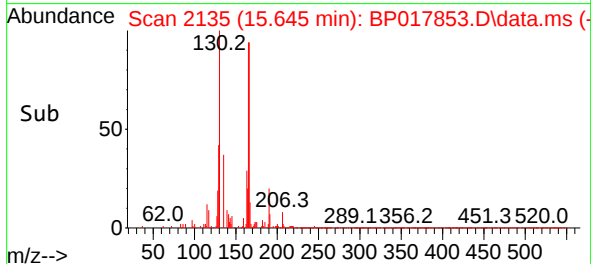
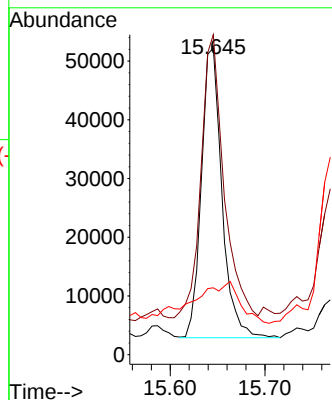


Tgt Ion:166 Resp: 74310
Ion Ratio Lower Upper
166 100
165 104.3 77.4 116.0
167 21.8 10.9 16.3

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#72
Phenanthrene
Concen: 5.500 ng/u1
RT: 17.422 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP017853.D
Acq: 01 Nov 2023 16:06

Tgt Ion:178 Resp: 188028
Ion Ratio Lower Upper
178 100
179 21.0 12.2 18.2#
176 22.9 15.3 22.9

