

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017519.D
 Acq On : 03 Oct 2023 16:23
 Operator : MA/JU
 Sample : 04497-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 02:12:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	96810	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	382962	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.634	164	301873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	523496	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	525387	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	579785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	11539	4.896	ng/uL	0.00
4) Pyridine-d5	3.728	84	80009m	12.143	ng/u1	0.01
7) Phenol-d5	7.099	99	65279	8.210	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	213104	44.412	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	214005	33.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	124465	20.135	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	137054	49.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	151579	50.423	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	255180	44.930	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	166014	20.179	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	834154	38.573	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	931114	37.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	29277	7.771	ng/u1	0.02
60) Fluorene-d10	15.640	176	744309	39.979	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	118966	40.320	ng/u1	0.00
73) Anthracene-d10	17.522	188	1171637	50.464	ng/u1	0.00
81) Pyrene-d10	19.775	212	1461023	51.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1396502	50.027	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.852	128	149511m	7.498	ng/u1	
36) 2-Methylnaphthalene	12.446	142	280865	21.581	ng/u1	100
37) 1-Methylnaphthalene	12.663	142	1451358	109.091	ng/u1#	99
52) Acenaphthene	14.704	153	57949	3.017	ng/u1#	79
56) Dibenzofuran	15.040	168	47955	1.823	ng/u1#	77
61) Fluorene	15.692	166	132073	6.180	ng/u1	95
72) Phenanthrene	17.469	178	166541	6.074	ng/u1	97

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

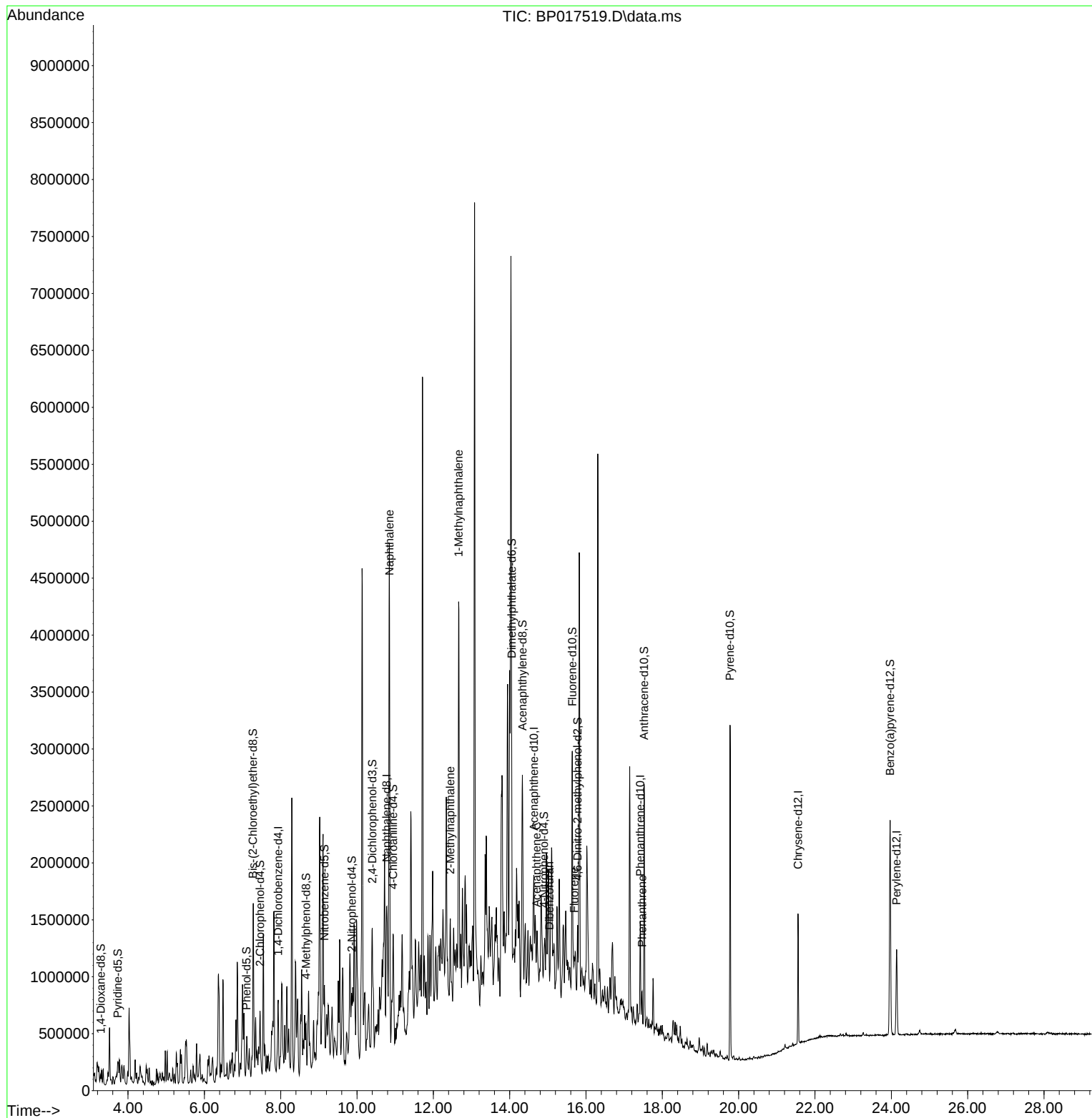
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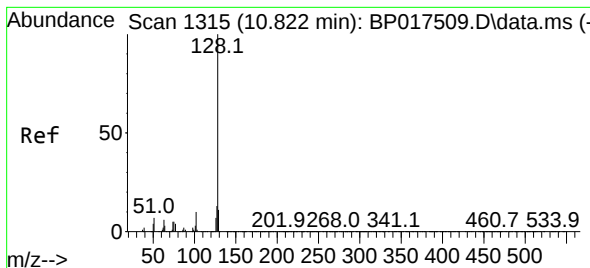
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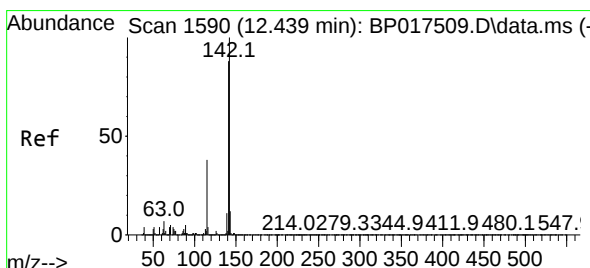
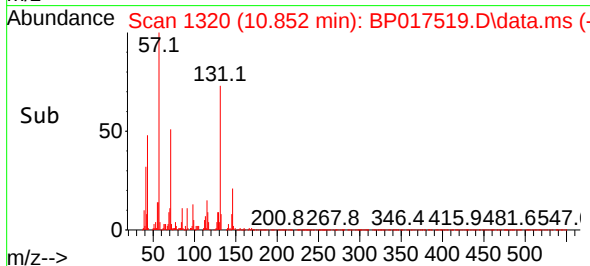
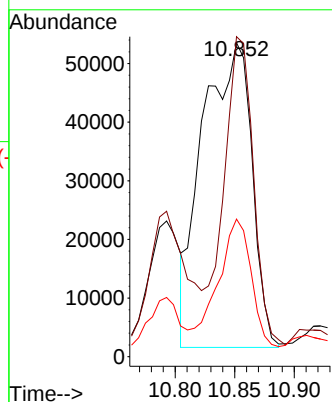
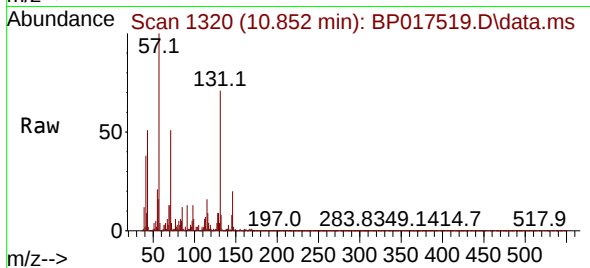
#30
Naphthalene
Concen: 7.498 ng/ul m
RT: 10.852 min Scan# 1315
Delta R.T. 0.030 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

Instrument :
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ClientSampleId :
BBJC3

Tgt Ion:128 Resp: 14951
Ion Ratio Lower Upper
128 100
129 101.9 8.6 13.0
127 43.8 10.6 15.8

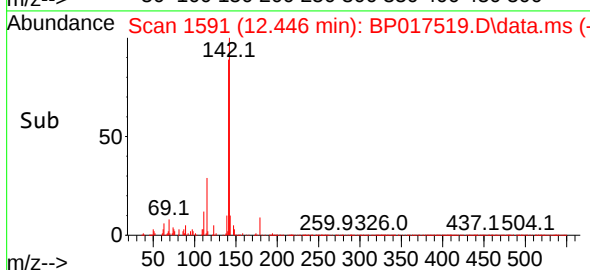
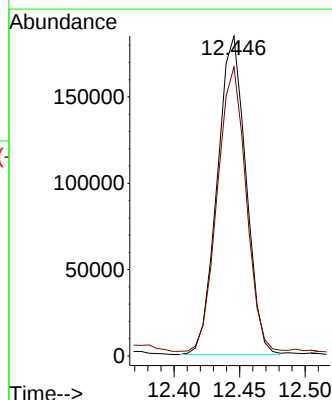
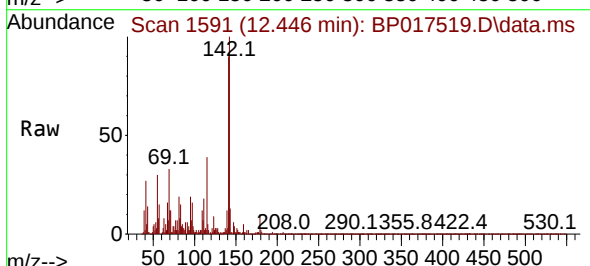
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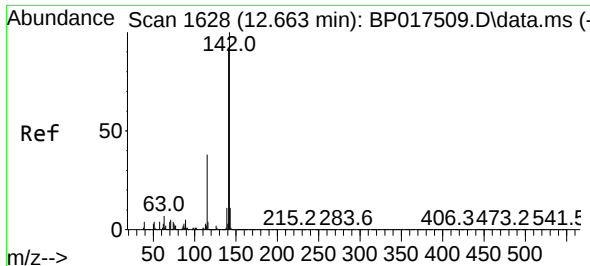
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#36
2-Methylnaphthalene
Concen: 21.581 ng/ul
RT: 12.446 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

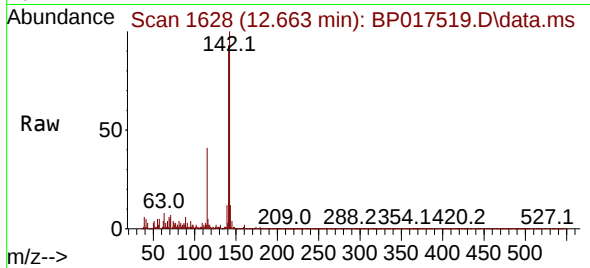
Tgt Ion:142 Resp: 280865
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#37
1-Methylnaphthalene
Concen: 109.091 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

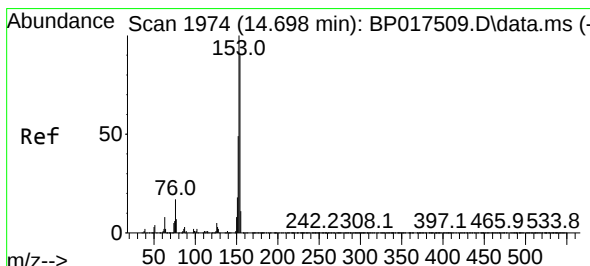
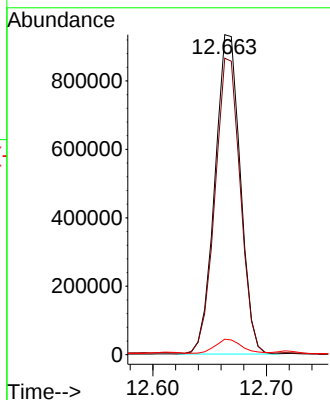
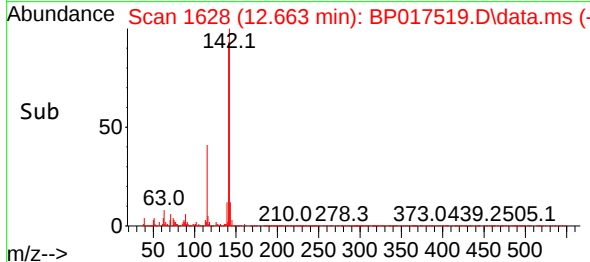
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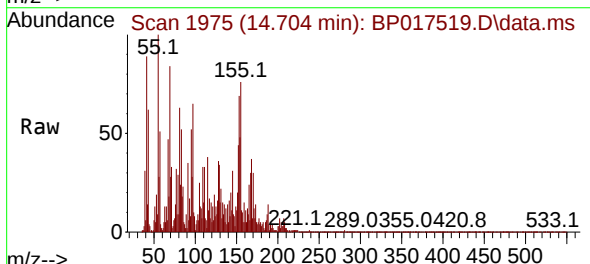
Tgt Ion:142 Resp: 1451358
Ion Ratio Lower Upper
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141 92.7 73.4 110.2
116 4.8 3.1 4.7

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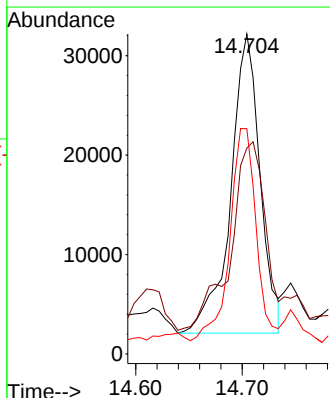
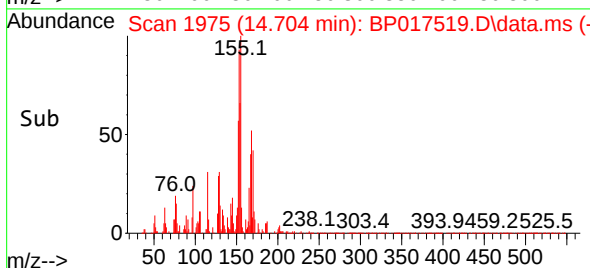
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

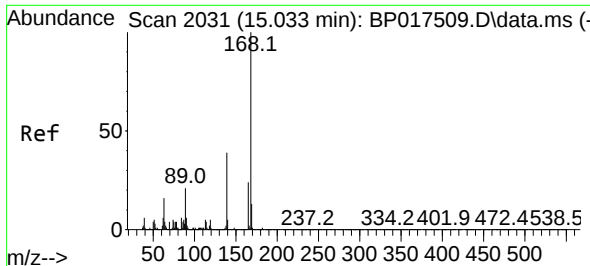


#52
Acenaphthene
Concen: 3.017 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23



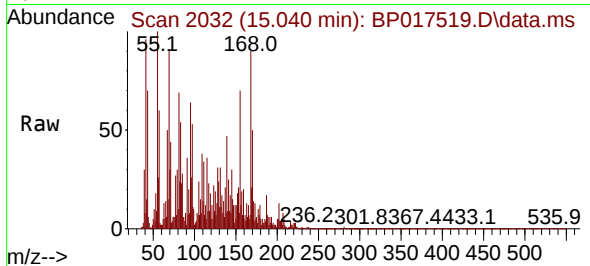
Tgt Ion:153 Resp: 57949
Ion Ratio Lower Upper
153 100
152 64.3 38.0 57.0#
154 70.4 70.1 105.1





#56
Dibenzenofuran
Concen: 1.823 ng/ul
RT: 15.040 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

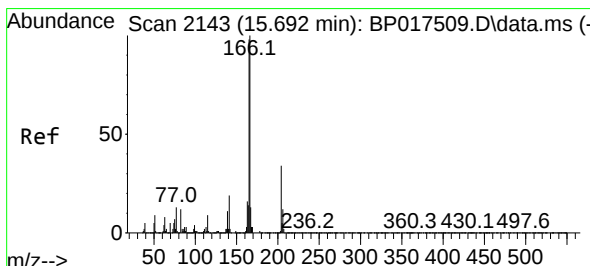
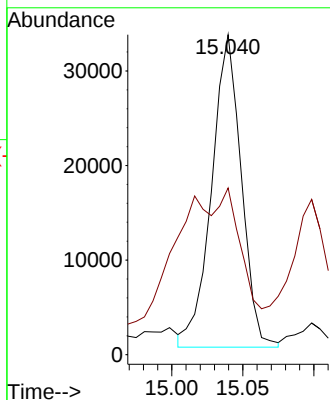
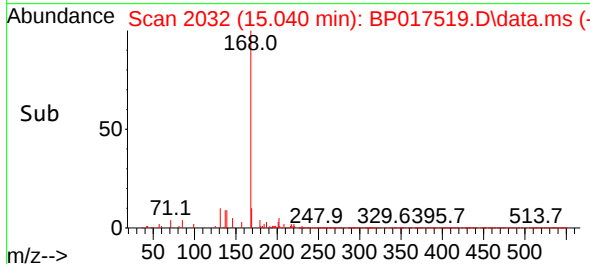
Instrument :
BNA_P
Client SampleId :
BBJC3



Tgt Ion:168 Resp: 4795
Ion Ratio Lower Upper
168 100
139 52.1 30.6 45.8

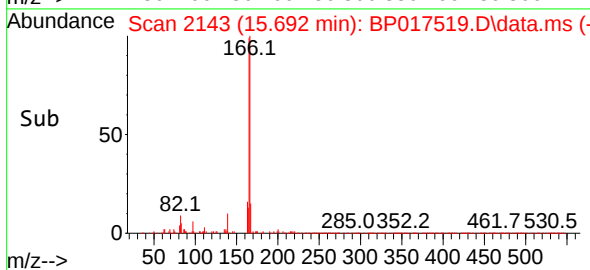
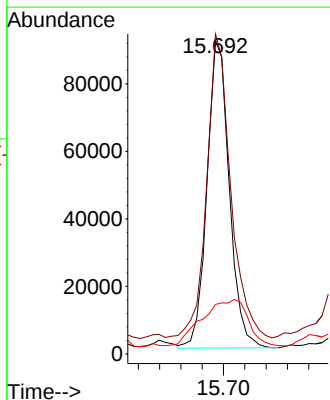
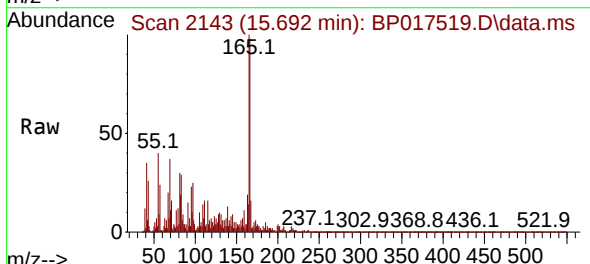
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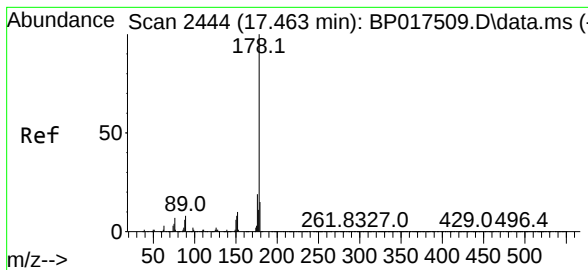
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#61
Fluorene
Concen: 6.180 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP017519.D
Acq: 03 Oct 2023 16:23

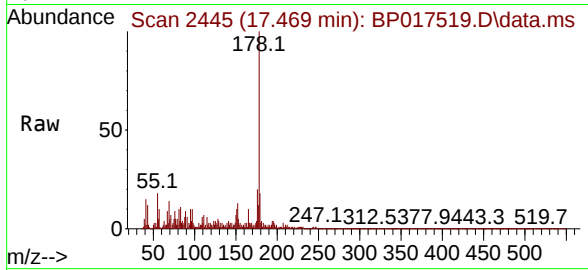
Tgt Ion:166 Resp: 132073
Ion Ratio Lower Upper
166 100
165 102.0 77.8 116.6
167 15.8 10.9 16.3





#72
 Phenanthrene
 Concen: 6.074 ng/ul
 RT: 17.469 min Scan# 2445
 Delta R.T. 0.006 min
 Lab File: BP017519.D
 Acq: 03 Oct 2023 16:23

Instrument :
 BNA_P
 ClientSampleId :
 BBJC3



Tgt Ion:178 Resp: 16654
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.7 19.1
 176 19.5 15.8 23.6

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