

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017445.D
 Acq On : 29 Sep 2023 14:29
 Operator : MA/JU
 Sample : 04497-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBJC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 05:15:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 22:31:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	240103	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	973167	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	736505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1368070	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1338711	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1515784	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	9626	1.647	ng/uL	0.00
4) Pyridine-d5	3.740	84	112983	6.914	ng/u1	0.00
7) Phenol-d5	7.110	99	95049	4.820	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	343316	28.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	308349	19.715	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	182432	11.899	ng/u1	-0.01
21) Nitrobenzene-d5	9.163	128	210306	29.892	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	224870	29.436	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	374424	25.943	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	290827m	13.911	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	1183400	22.429	ng/u1	0.00
49) Acenaphthylene-d8	14.351	160	1415329	23.324	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	33784	3.675	ng/u1	0.00
60) Fluorene-d10	15.657	176	1121513	24.691	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	186644	24.206	ng/u1	0.00
73) Anthracene-d10	17.539	188	1774343	29.243	ng/u1	0.00
81) Pyrene-d10	19.786	212	2178341	30.090	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.974	264	2072264	28.395	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.875	128	232238m	4.583	ng/u1	
36) 2-Methylnaphthalene	12.463	142	449385	13.588	ng/u1	99
37) 1-Methylnaphthalene	12.686	142	2246876	66.460	ng/u1	100
52) Acenaphthene	14.722	153	69512	1.483	ng/u1#	76
61) Fluorene	15.710	166	214666	4.117	ng/u1	98
72) Phenanthrene	17.480	178	272771	3.807	ng/u1#	95

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

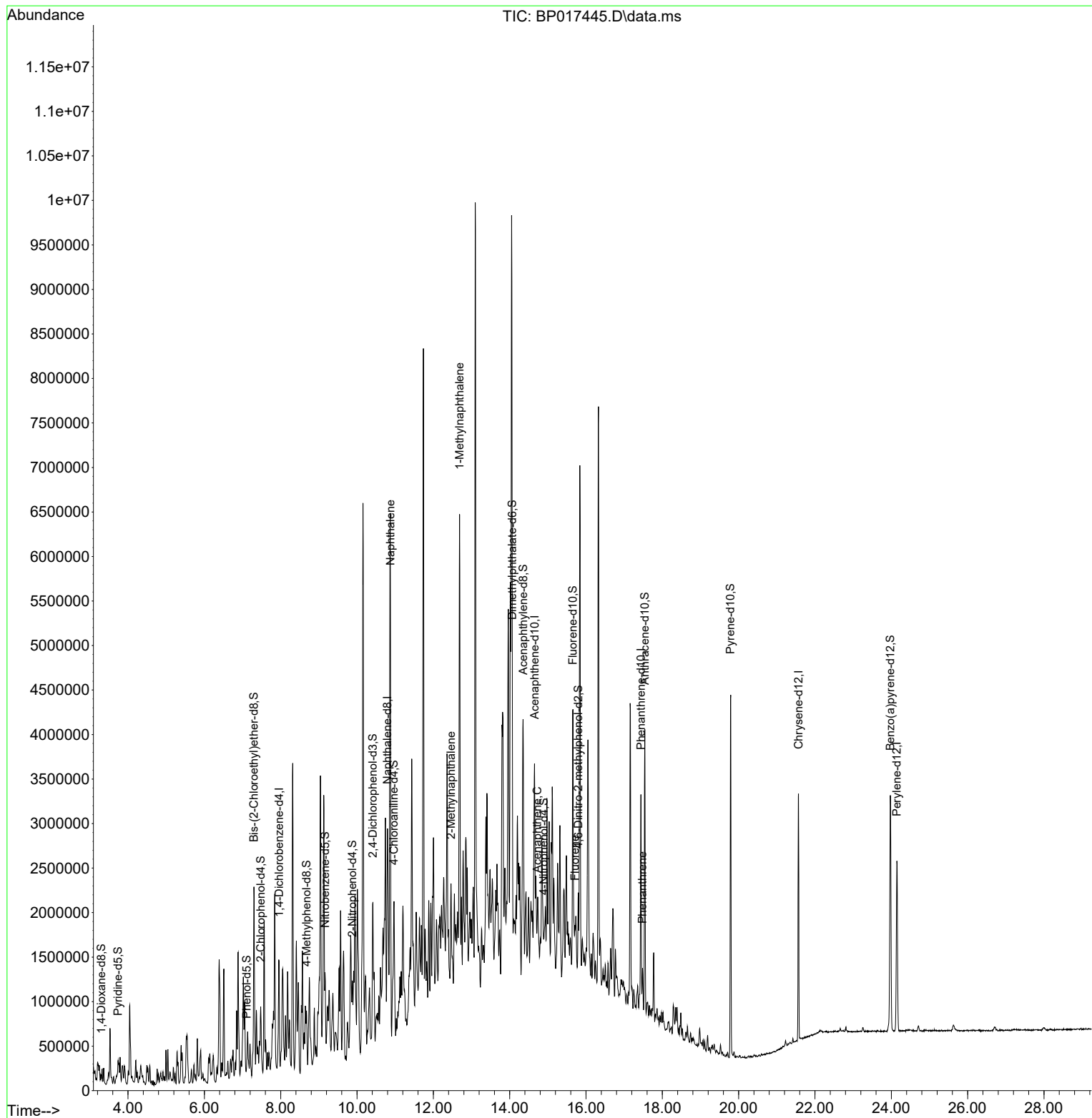
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
Data File : BP017445.D
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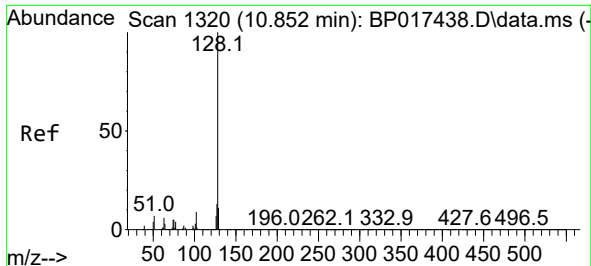
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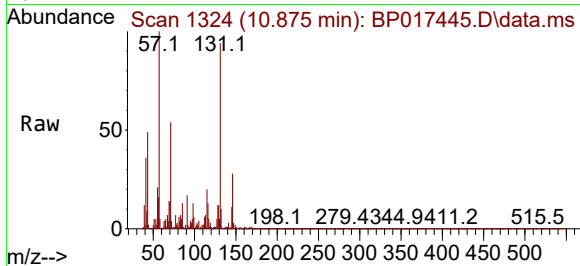
Quant Time: Sep 30 05:15:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 29 22:31:03 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 4.583 ng/ul m
RT: 10.875 min Scan# 1324
Delta R.T. 0.023 min
Lab File: BP017445.D
Acq: 29 Sep 2023 14:29

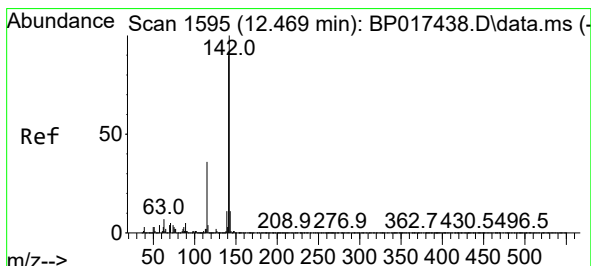
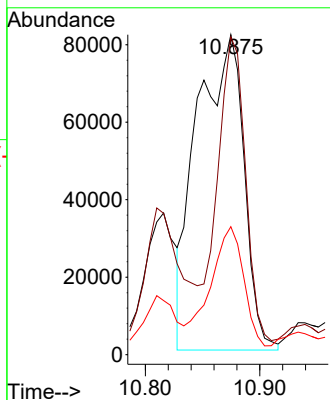
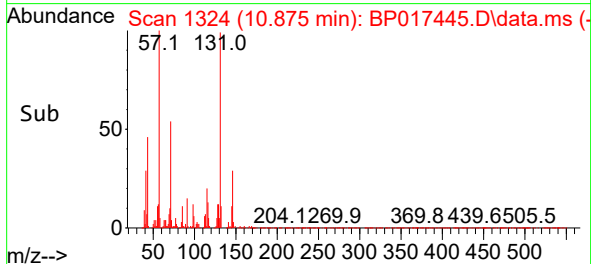
Instrument :
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Tgt Ion:128 Resp: 232238
Ion Ratio Lower Upper
128 100
129 99.3 8.6 13.0
127 40.0 10.6 15.8

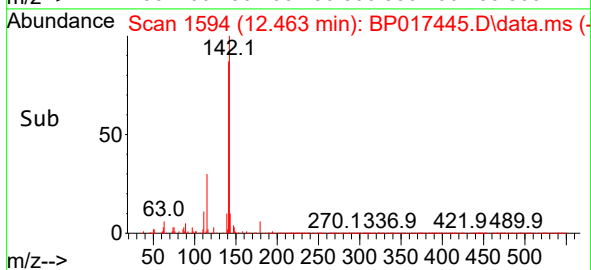
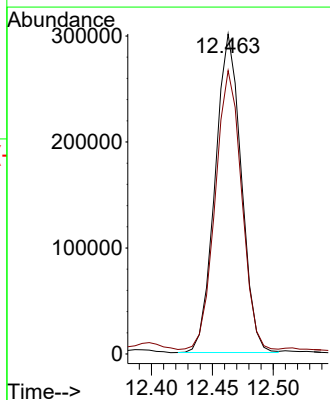
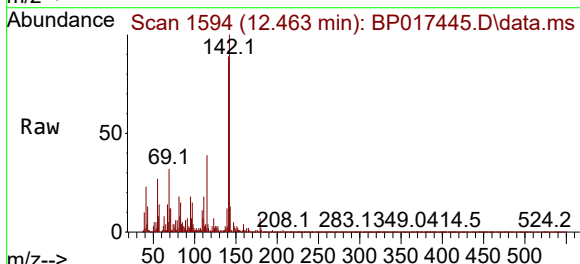
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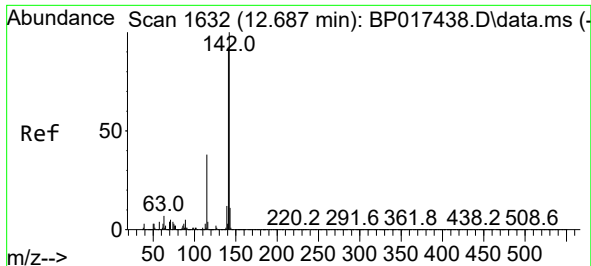
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#36
2-Methylnaphthalene
Concen: 13.588 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP017445.D
Acq: 29 Sep 2023 14:29

Tgt Ion:142 Resp: 449385
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#37

1-Methylnaphthalene

Concen: 66.460 ng/ul

RT: 12.686 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BP017445.D

Acq: 29 Sep 2023 14:29

Instrument :

BNA_P

ClientSampleId :

BBJC3

Tgt Ion:142 Resp: 2246870

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

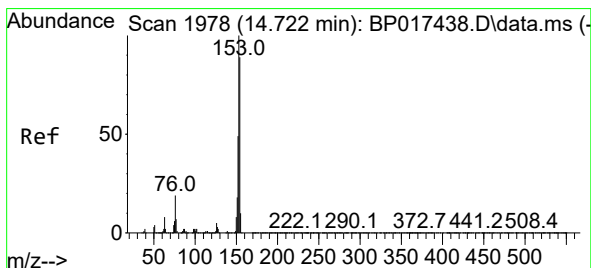
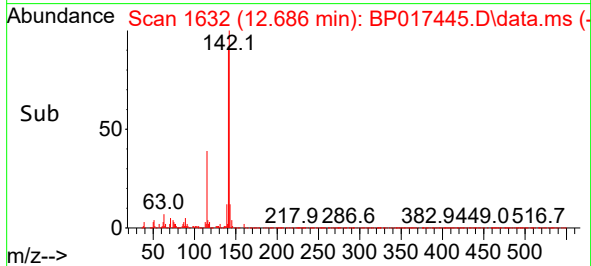
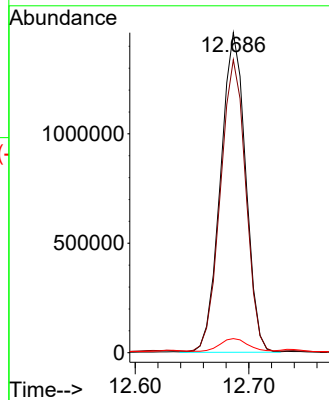
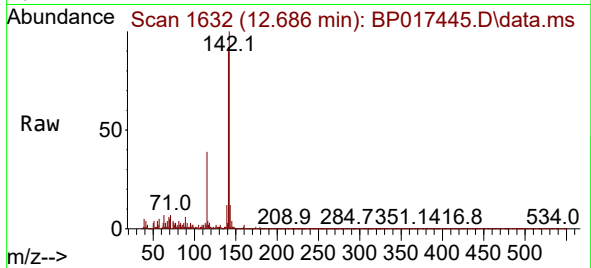
116 4.4 3.1 4.7

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#52

Acenaphthene

Concen: 1.483 ng/ul

RT: 14.722 min Scan# 1978

Delta R.T. -0.000 min

Lab File: BP017445.D

Acq: 29 Sep 2023 14:29

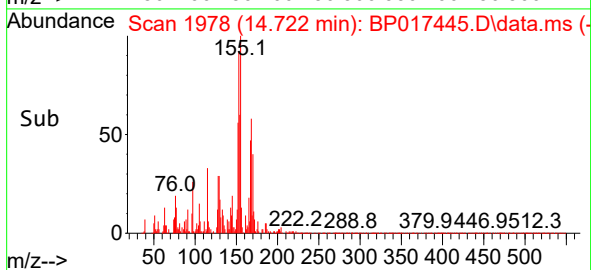
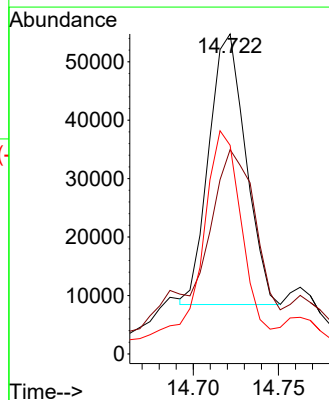
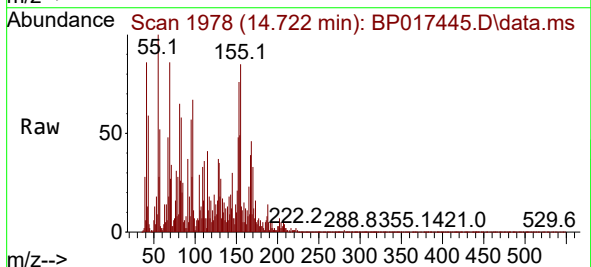
Tgt Ion:153 Resp: 69512

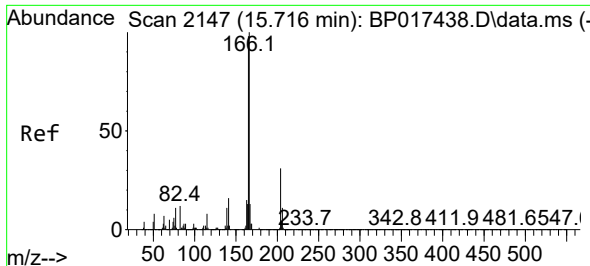
Ion Ratio Lower Upper

153 100

152 63.9 38.0 57.0#

154 65.2 70.1 105.1#





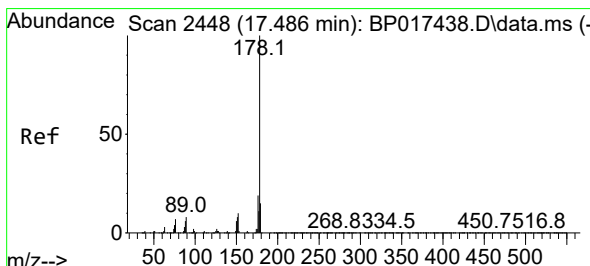
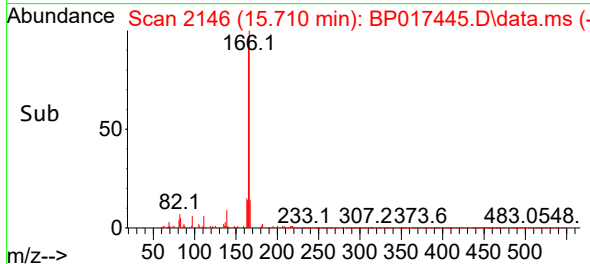
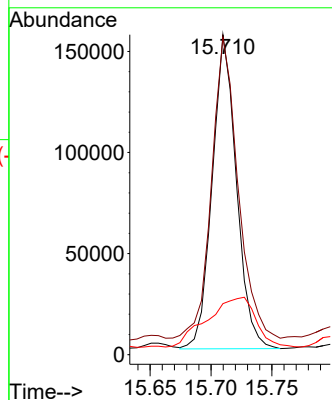
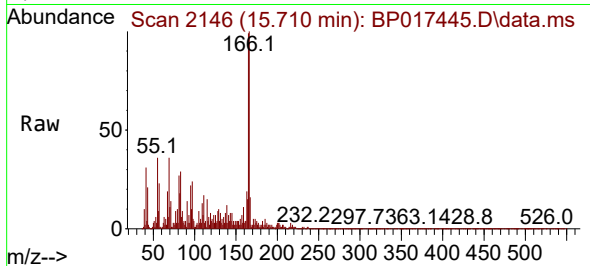
#61
Fluorene
Concen: 4.117 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP017445.D
Acq: 29 Sep 2023 14:29

Instrument :
BNA_P
ClientSampleId :
BBJC3

Tgt Ion:166 Resp: 214660
Ion Ratio Lower Upper
166 100
165 99.2 77.8 116.6
167 16.0 10.9 16.3

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Supervised By :mohammad ahmed 10/03/2023



#72
Phenanthrene
Concen: 3.807 ng/ul
RT: 17.480 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP017445.D
Acq: 29 Sep 2023 14:29

Tgt Ion:178 Resp: 272771
Ion Ratio Lower Upper
178 100
179 19.7 12.7 19.1#
176 20.2 15.8 23.6

