

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037912.D
 Acq On : 09 Dec 2022 12:12
 Operator : CG/JU
 Sample : N5832-10DL 25X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK7DL

Quant Time: Dec 09 21:47:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	234270	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	901787	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	431208	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	807196	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	737877	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	824234	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1023	0.198	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.239	99	15977	0.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	11291	0.974	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	14111	0.904	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	12497	0.841	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	6219	0.871	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	5744	0.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	10819	0.761	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	6344	0.323	ng/u1	0.01
46) Dimethylphthalate-d6	14.121	166	26704	0.869	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	36116	0.961	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.698	176	27594	1.007	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.551	188	52541m	1.395	ng/u1	0.00
81) Pyrene-d10	19.833	212	44072	0.994	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	43749	1.063	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.492	178	54898	1.245	ng/u1	97
74) Anthracene	17.586	178	1309117	29.223	ng/u1	98
80) Fluoranthene	19.497	202	81744	1.563	ng/u1	98
82) Pyrene	19.862	202	80824	1.485	ng/u1#	94
87) Chrysene	21.656	228	87108	1.869	ng/u1	99
90) Benzo(b)fluoranthene	23.344	252	110108	2.155	ng/u1#	93

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

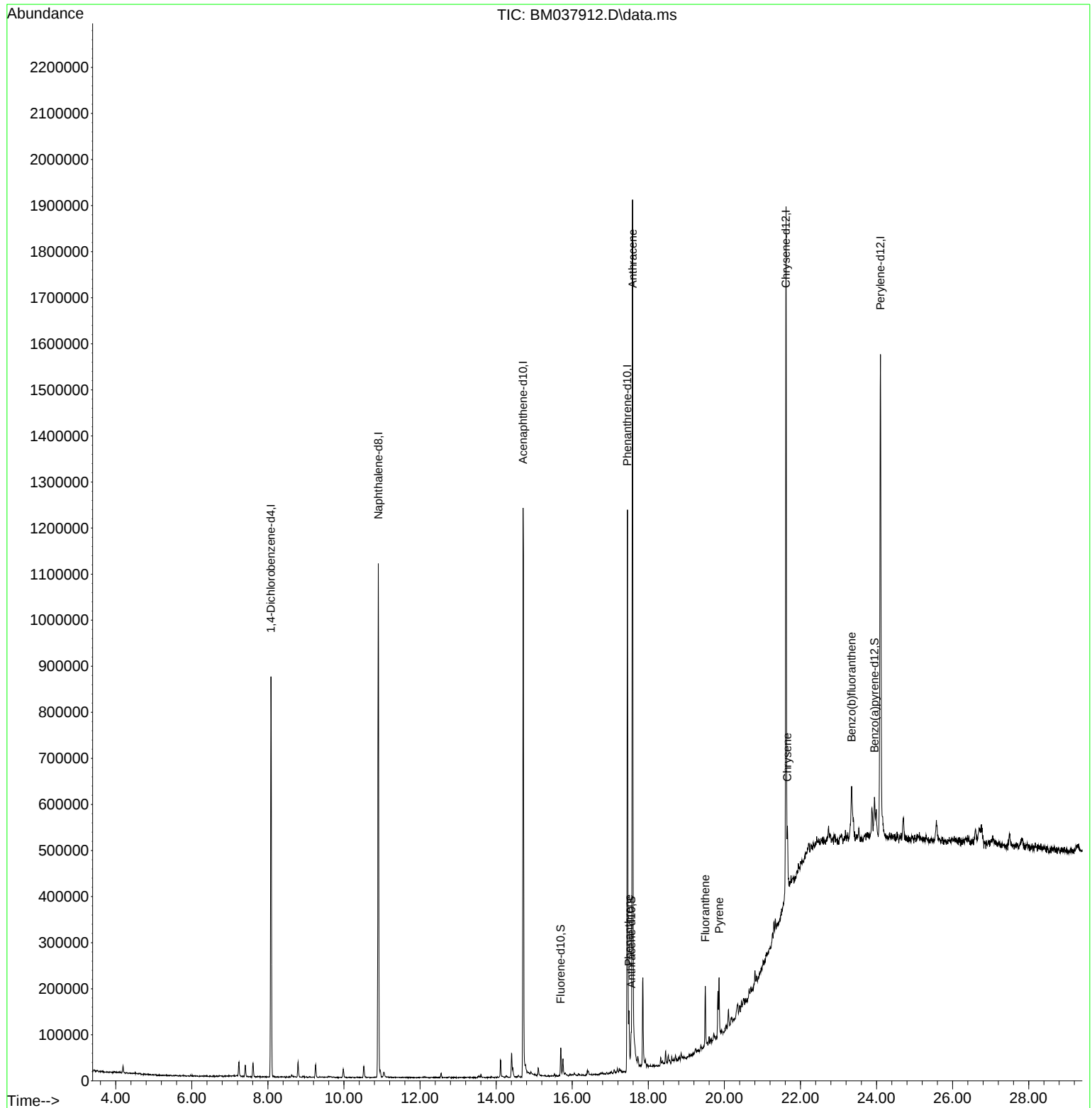
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037912.D
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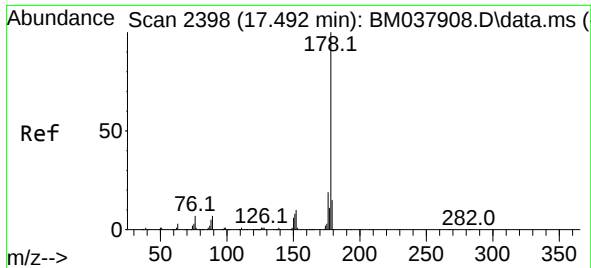
Instrument :
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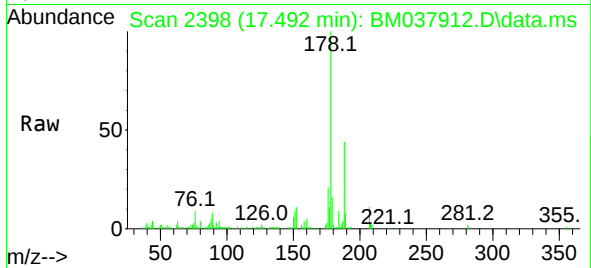
Quant Time: Dec 09 21:47:31 2022
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.245 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

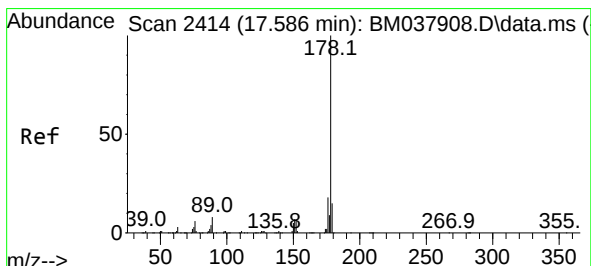
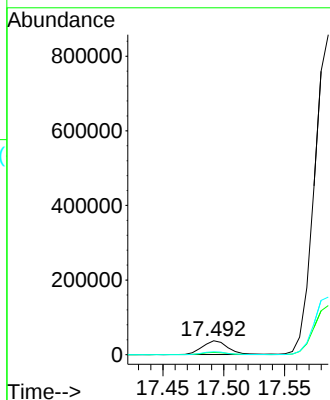
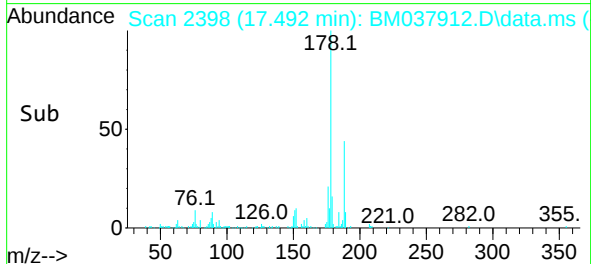
Instrument :
BNA_M
ClientSampleId :
DBXK7DL



Tgt Ion:178 Resp: 54898
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 20.6 15.4 23.0

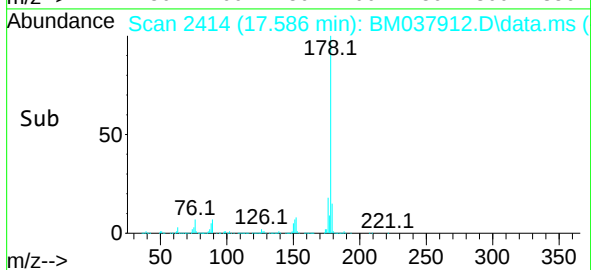
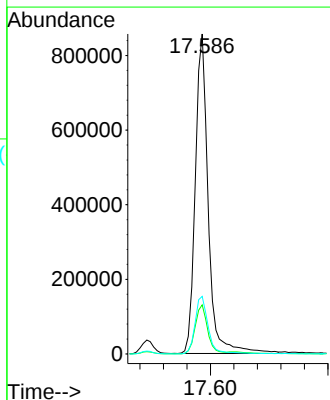
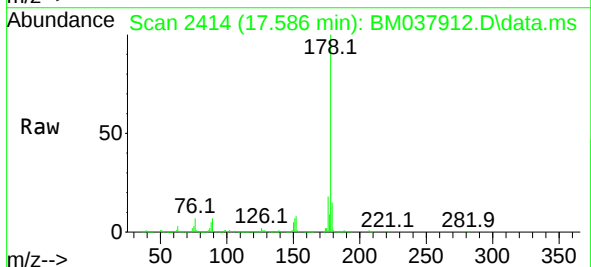
Manual Integrations
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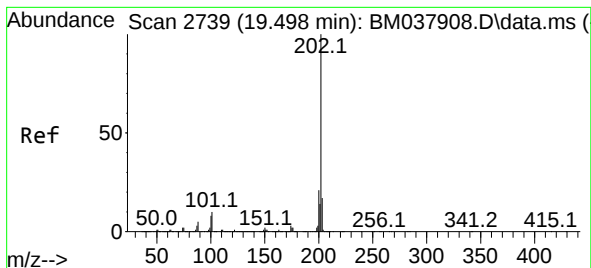
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 29.223 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

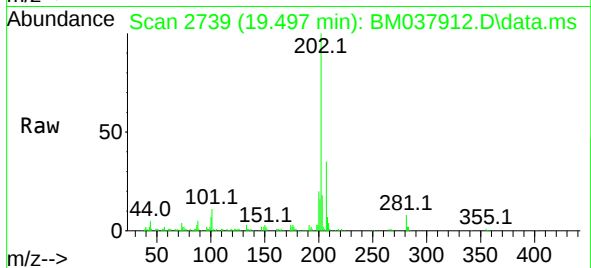
Tgt Ion:178 Resp: 1309117
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 18.0 15.0 22.6





#80
Fluoranthene
Concen: 1.563 ng/ul
RT: 19.497 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

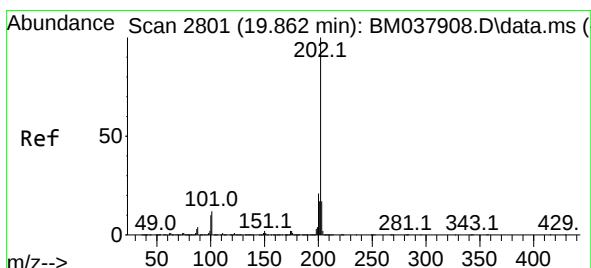
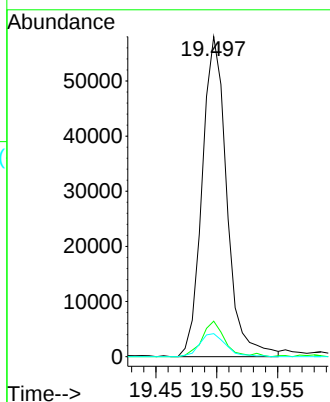
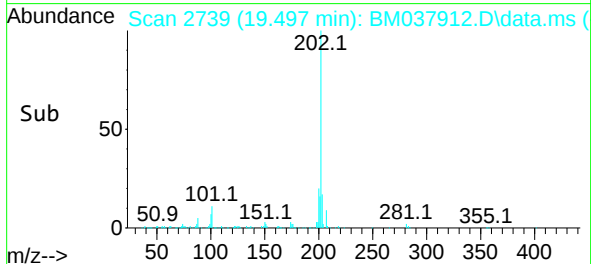
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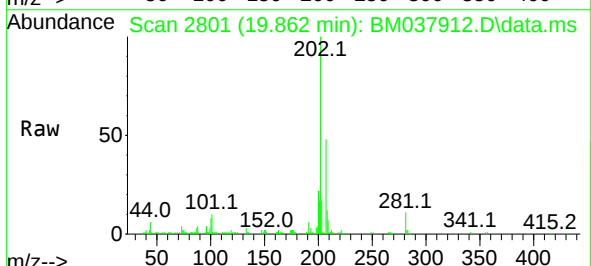
Tgt Ion:202 Resp: 81744
Ion Ratio Lower Upper
202 100
101 11.1 8.6 13.0
100 7.2 6.6 10.0

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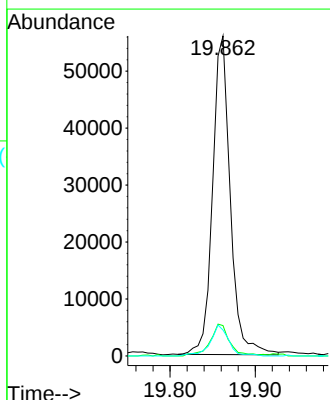
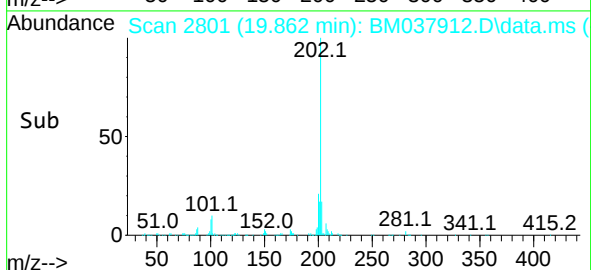
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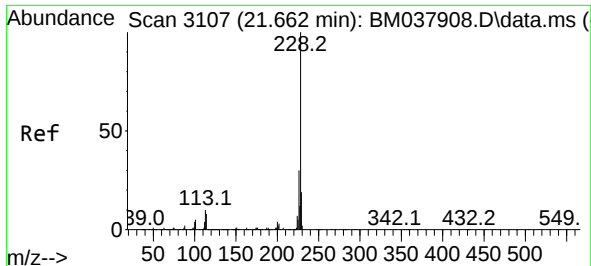


#82
Pyrene
Concen: 1.485 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12



Tgt Ion:202 Resp: 80824
Ion Ratio Lower Upper
202 100
101 9.5 10.0 15.0#
100 8.1 7.9 11.9





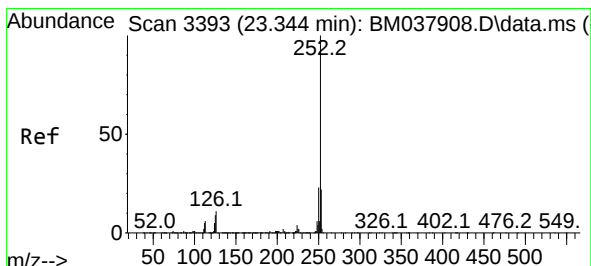
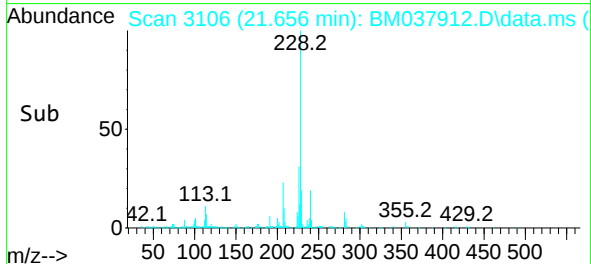
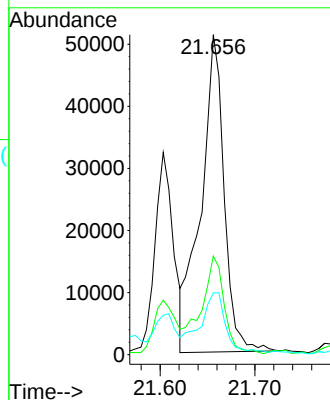
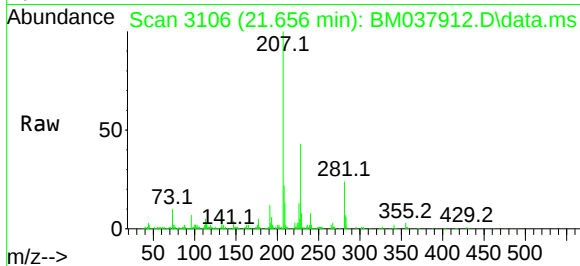
#87
Chrysene
Concen: 1.869 ng/u1
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

Instrument :
BNA_M
ClientSampleId :
DBXK7DL

Tgt Ion:228 Resp: 87108
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.3 15.6 23.4

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#90
Benzo(b)fluoranthene
Concen: 2.155 ng/u1
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037912.D
Acq: 09 Dec 2022 12:12

Tgt Ion:252 Resp: 110108
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 13.0 8.0 12.0#

