

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
 Data File : BP022144.D
 Acq On : 01 Oct 2024 21:17
 Operator : RC/JU
 Sample : P4010-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AW0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 04:34:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	146597	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	541462	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	401577	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	943966	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1100727	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1267740	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	3379	0.903	ng/uL	0.00
4) Pyridine-d5	3.657	84	3623m	0.339	ng/u1	0.02
7) Phenol-d5	6.893	99	100472	8.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	64455	8.729	ng/u1	0.00
11) 2-Chlorophenol-d4	7.245	132	81750	9.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	58334	6.139	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	38881	9.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	45833	9.974	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	88755	8.894	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	83675	7.028	ng/u1	-0.01
46) Dimethylphthalate-d6	13.716	166	293615	9.459	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	304751	9.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	37213	7.008	ng/u1	0.01
60) Fluorene-d10	15.316	176	260677	9.493	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	35218	6.009	ng/u1	0.00
73) Anthracene-d10	17.210	188	402136	9.125	ng/u1	0.00
81) Pyrene-d10	19.586	212	501823	8.800	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	490595	7.358	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.510	105	49659	3.142	ng/u1	98
72) Phenanthrene	17.145	178	51332	1.037	ng/u1	98
80) Fluoranthene	19.233	202	127623	1.958	ng/u1	98
82) Pyrene	19.615	202	76030	1.084	ng/u1	97
87) Chrysene	21.580	228	75792m	1.065	ng/u1	
90) Benzo(b)fluoranthene	23.780	252	92140	1.171	ng/u1	96

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

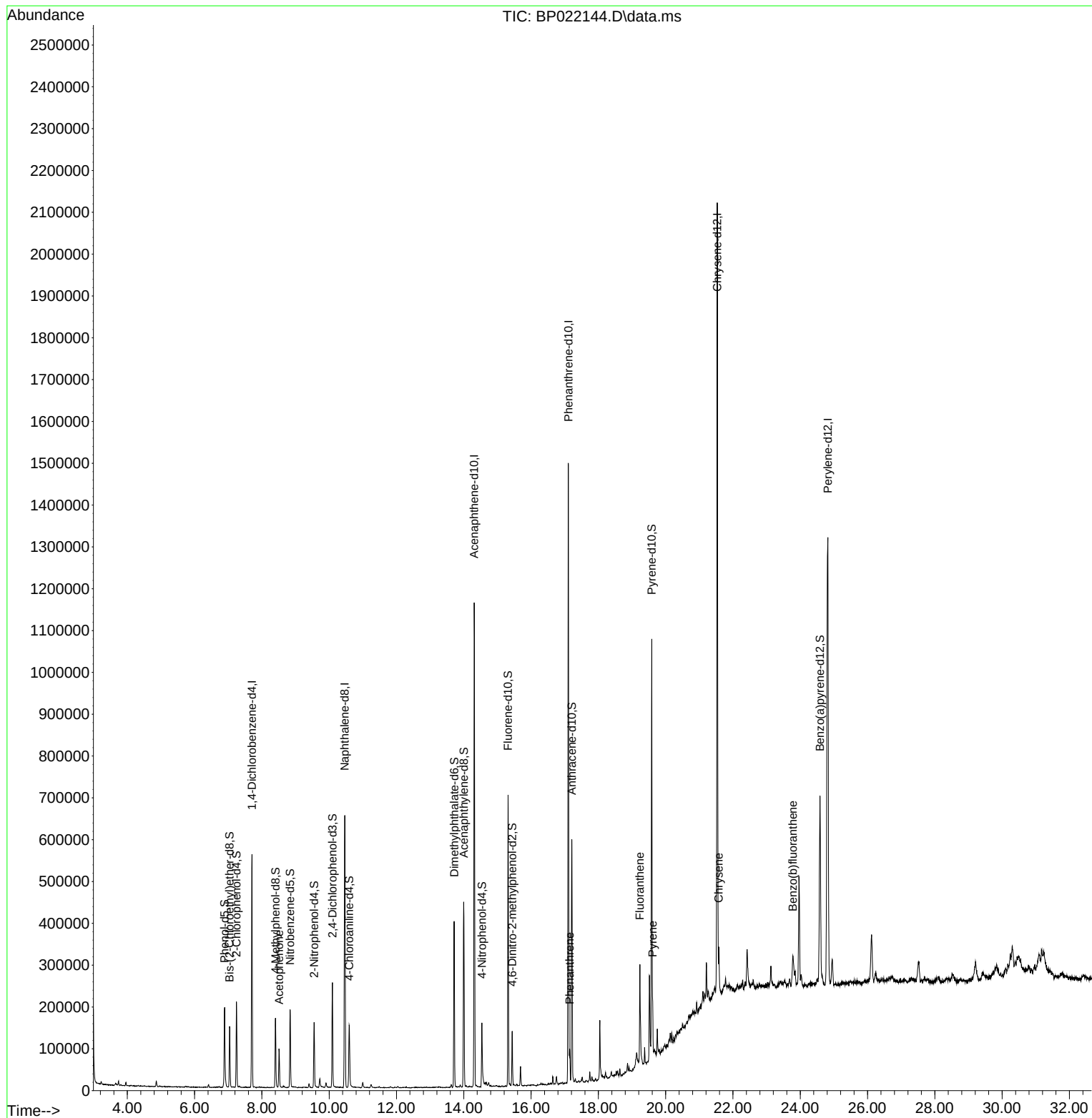
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
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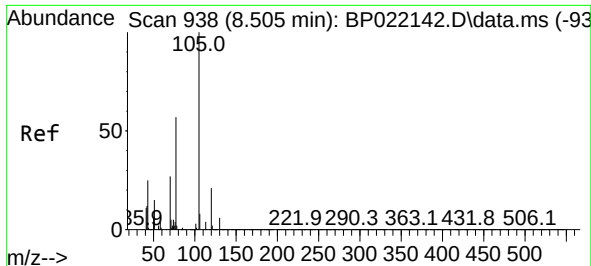
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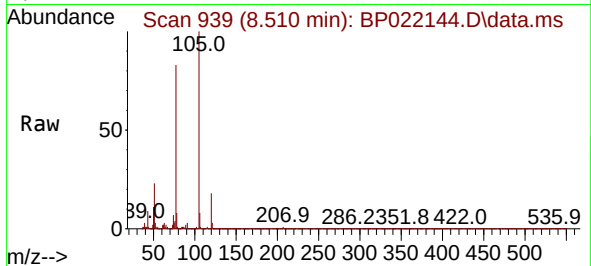
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024





#16
Acetophenone
Concen: 3.142 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022144.D
Acq: 01 Oct 2024 21:17

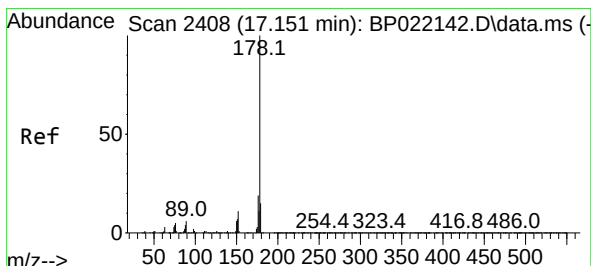
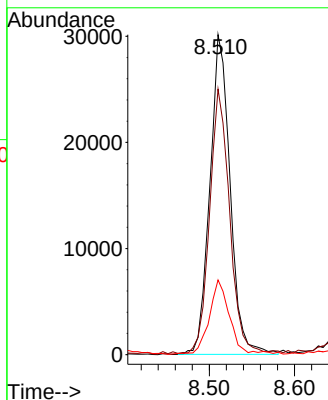
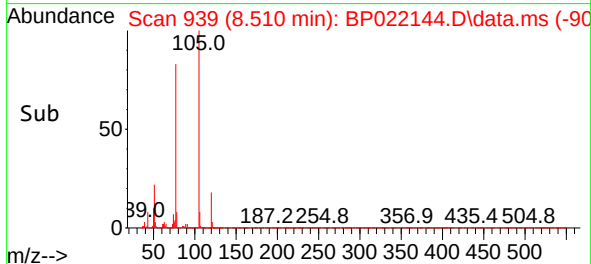
Instrument :
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ClientSampleId :
C0AW0



Tgt Ion:105 Resp: 4965
Ion Ratio Lower Upper
105 100
77 83.0 67.9 101.9
51 23.3 19.8 29.6

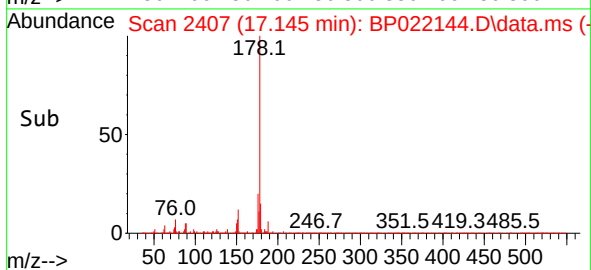
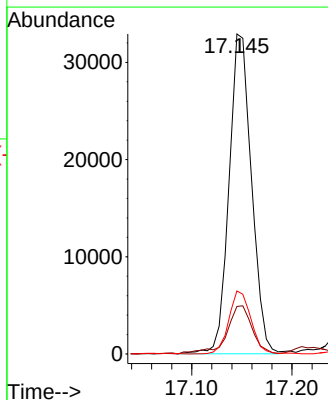
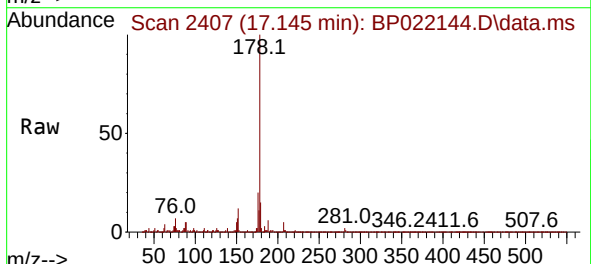
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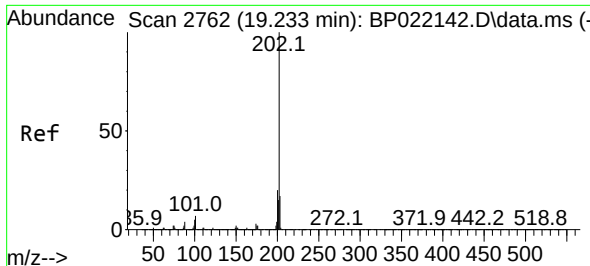
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#72
Phenanthrene
Concen: 1.037 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP022144.D
Acq: 01 Oct 2024 21:17

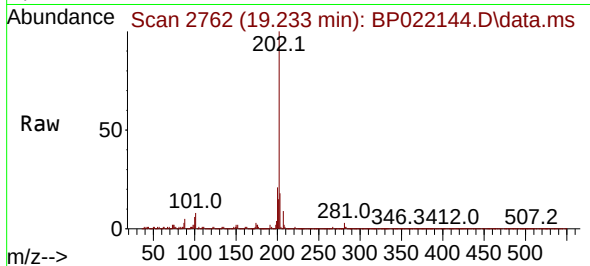
Tgt Ion:178 Resp: 51332
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 19.7 15.0 22.6





#80
Fluoranthene
Concen: 1.958 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022144.D
Acq: 01 Oct 2024 21:17

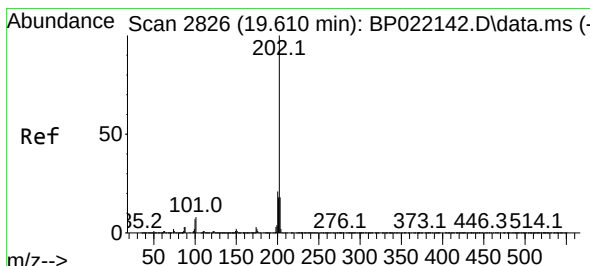
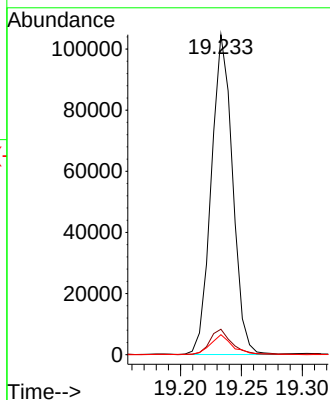
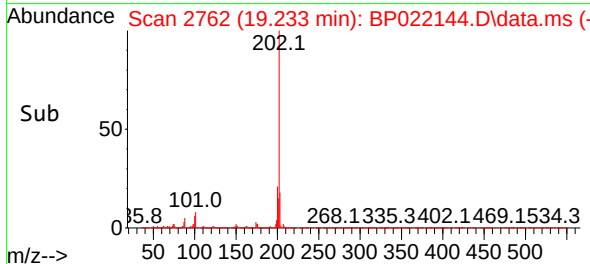
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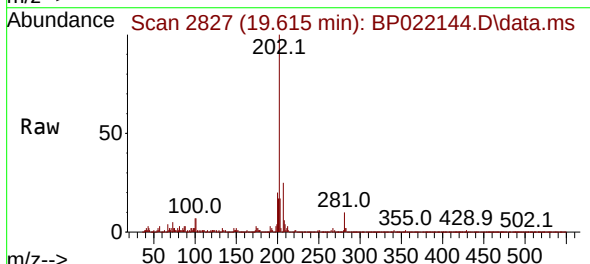
Tgt Ion:202 Resp: 12762
Ion Ratio Lower Upper
202 100
101 7.9 5.8 8.6
100 6.2 4.6 7.0

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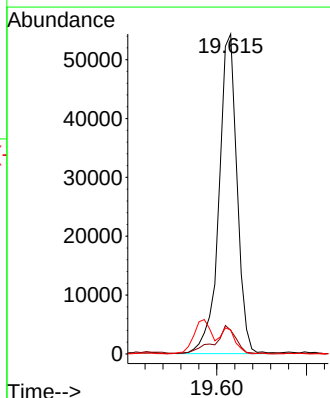
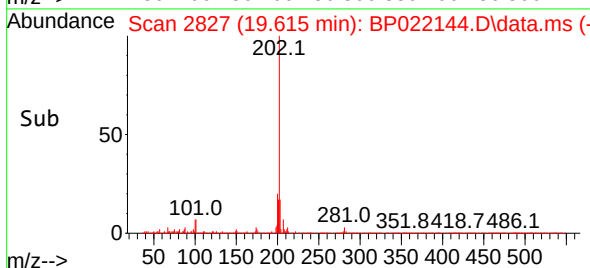
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

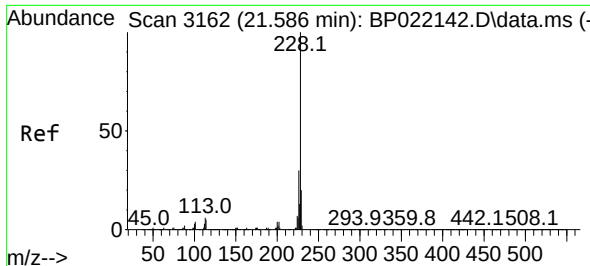


#82
Pyrene
Concen: 1.084 ng/u1
RT: 19.615 min Scan# 2827
Delta R.T. -0.000 min
Lab File: BP022144.D
Acq: 01 Oct 2024 21:17



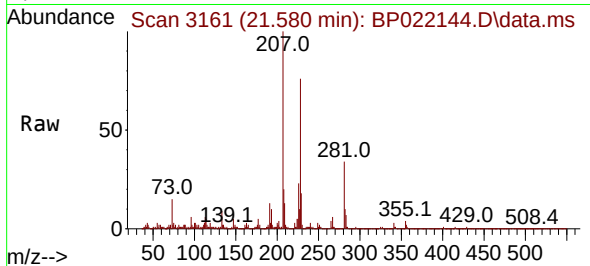
Tgt Ion:202 Resp: 76030
Ion Ratio Lower Upper
202 100
101 7.4 7.4 11.0
100 7.5 6.2 9.2





#87
Chrysene
Concen: 1.065 ng/ul m
RT: 21.580 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BP022144.D
Acq: 01 Oct 2024 21:17

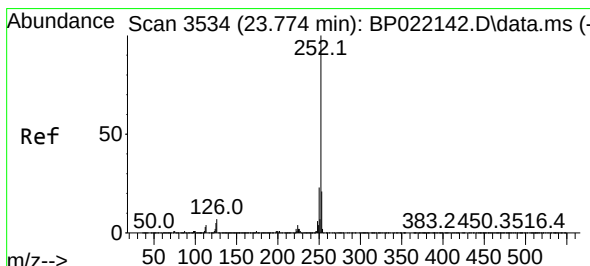
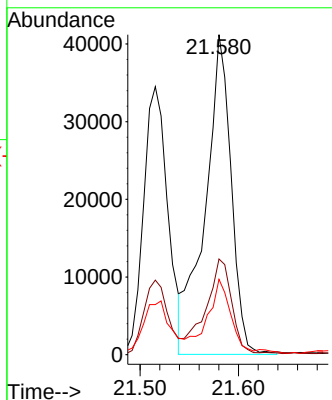
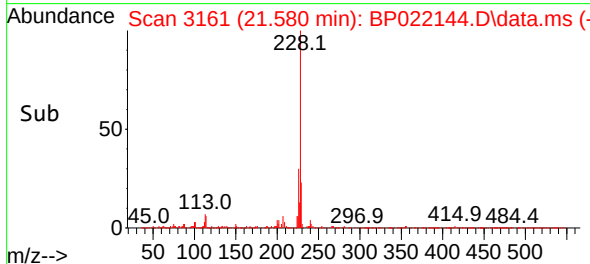
Instrument :
BNA_P
ClientSampleId :
C0AW0



Tgt Ion:228 Resp: 75792
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 23.5 15.7 23.5

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#90
Benzo(b)fluoranthene
Concen: 1.171 ng/ul
RT: 23.780 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP022144.D
Acq: 01 Oct 2024 21:17

Tgt Ion:252 Resp: 92140
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 5.9 4.8 7.2

