

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037759.D
 Acq On : 28 Nov 2022 14:46
 Operator : CG/JU
 Sample : N5658-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQT2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 28 22:28:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	256085	20.000	ng/u1	0.00
20) Naphthalene-d8	10.927	136	1201045	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	780738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1585079	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1357918	20.000	ng/u1	# 0.00
88) Perylene-d12	24.127	264	1109454	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	19739m	3.197	ng/uL	0.00
4) Pyridine-d5	3.904	84	24889m	1.238	ng/u1	0.04
7) Phenol-d5	7.257	99	459862	18.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	311909	18.302	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	353090	19.889	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	360706	17.742	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	192022	20.394	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	200093	21.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	352644	20.770	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	185545	6.586	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	1078734	19.506	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1348986	20.666	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	162622	13.350	ng/u1	0.00
60) Fluorene-d10	15.721	176	1042887	21.533	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	121137	14.207	ng/u1	0.00
73) Anthracene-d10	17.568	188	1598395	21.564	ng/u1	0.00
81) Pyrene-d10	19.850	212	1790485	25.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1260103	22.066	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.509	178	180560	1.945	ng/u1	99
80) Fluoranthene	19.515	202	268278	3.043	ng/u1#	95
82) Pyrene	19.880	202	234084	2.514	ng/u1	95
85) Benzo(a)anthracene	21.621	228	119068	1.311	ng/u1	96
87) Chrysene	21.674	228	147788	1.729	ng/u1	97
90) Benzo(b)fluoranthene	23.362	252	181015	2.400	ng/u1#	91
93) Benzo(a)pyrene	24.015	252	96475	1.472	ng/u1#	85
96) Benzo(g,h,i)perylene	27.532	276	66347	1.013	ng/u1	95

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

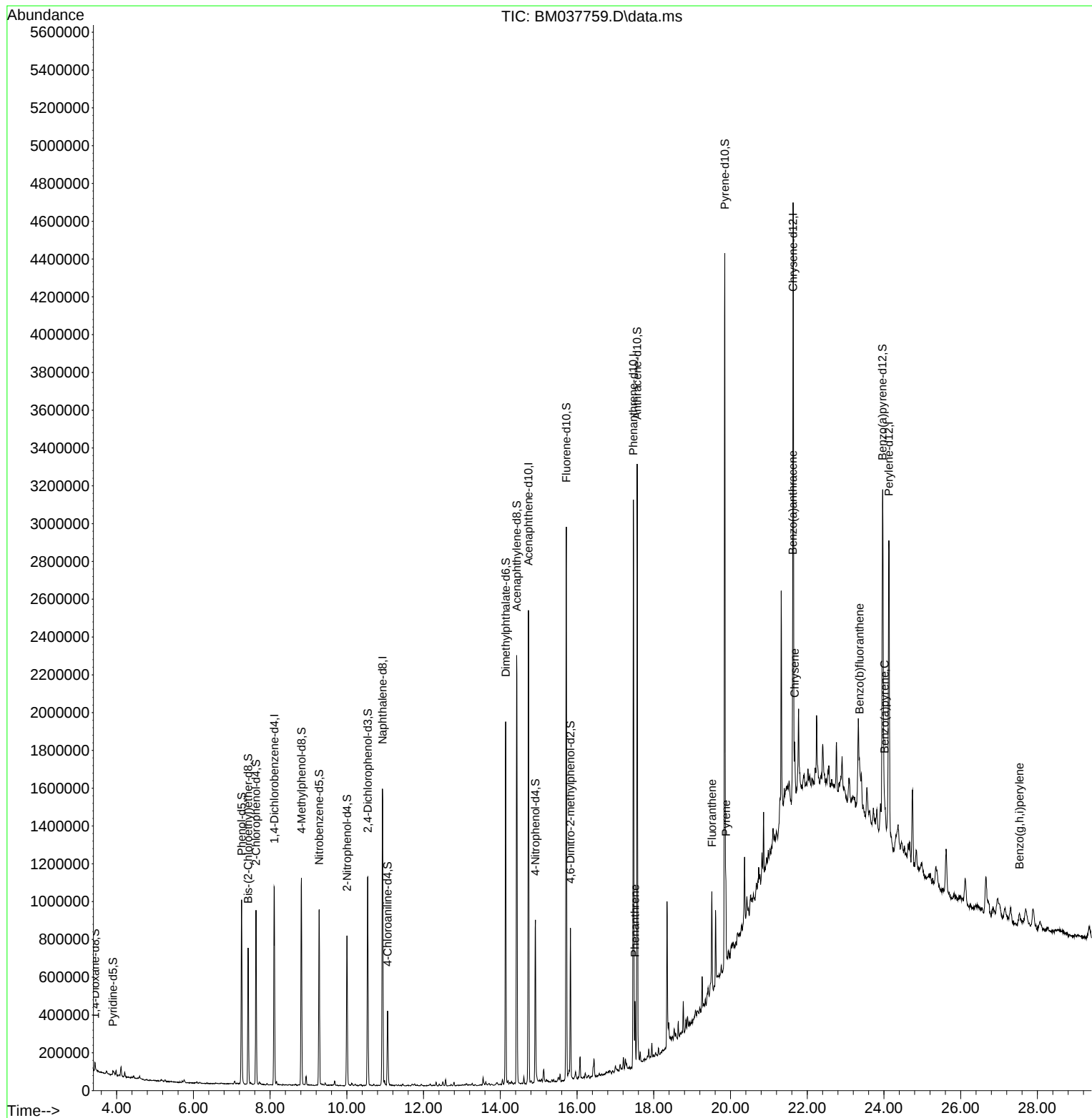
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
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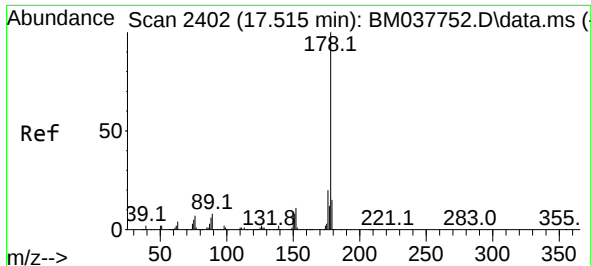
Instrument :
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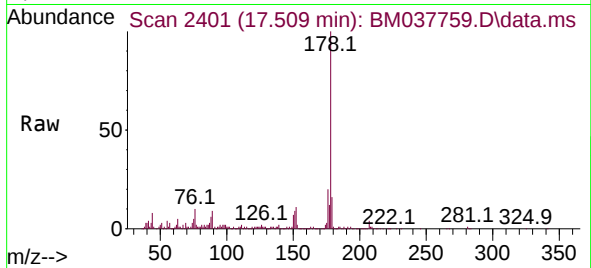
Reviewed By :Jagrut Upadhyay 11/29/2022
 Supervised By :mohammad ahmed 11/30/2022





#72
Phenanthrene
Concen: 1.945 ng/ul
RT: 17.509 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM037759.D
Acq: 28 Nov 2022 14:46

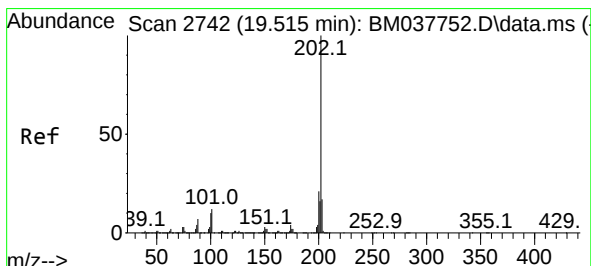
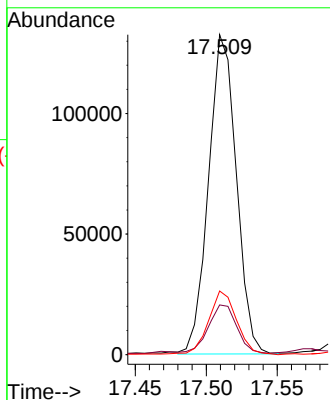
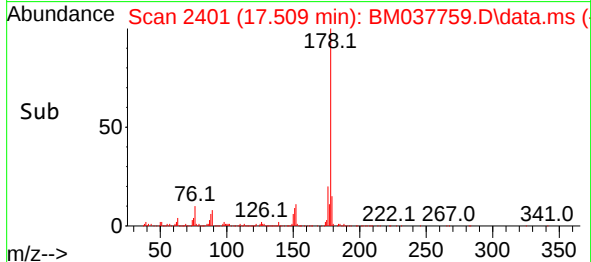
Instrument :
BNA_M
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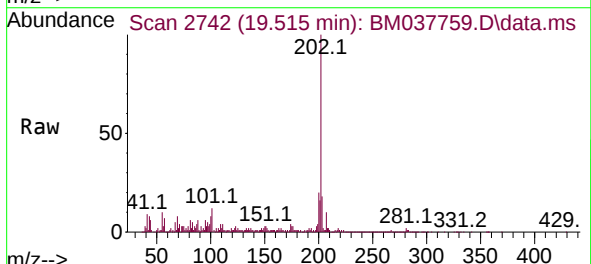
Tgt Ion:178 Resp: 180560
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.9 15.4 23.2

Manual Integrations
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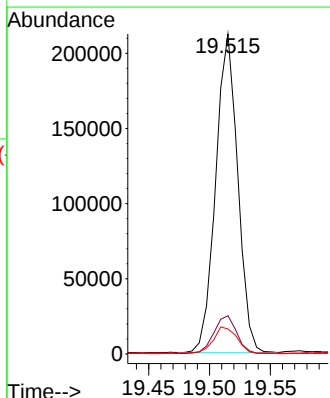
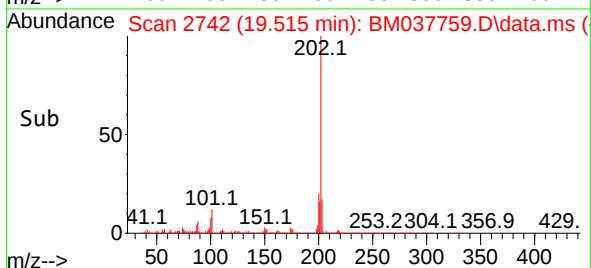
Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

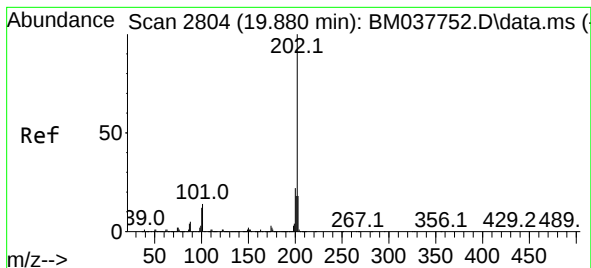


#80
Fluoranthene
Concen: 3.043 ng/ul
RT: 19.515 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BM037759.D
Acq: 28 Nov 2022 14:46



Tgt Ion:202 Resp: 268278
Ion Ratio Lower Upper
202 100
101 11.9 10.6 16.0
100 7.8 8.2 12.4#





#82

Pyrene

Concen: 2.514 ng/ul

RT: 19.880 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM037759.D

Acq: 28 Nov 2022 14:46

Instrument :

BNA_M

ClientSampleId :

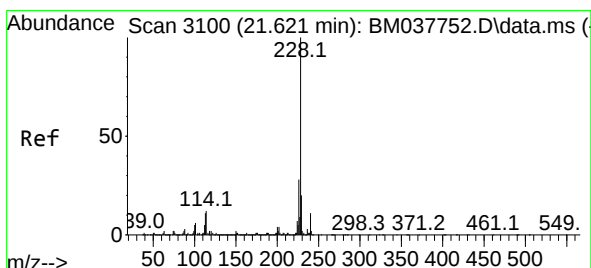
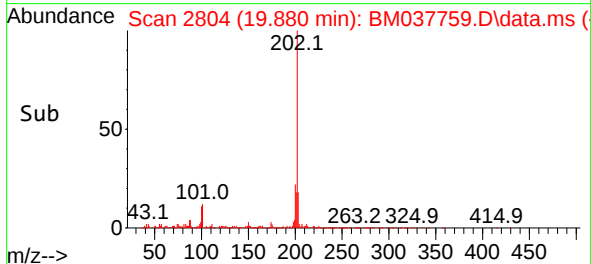
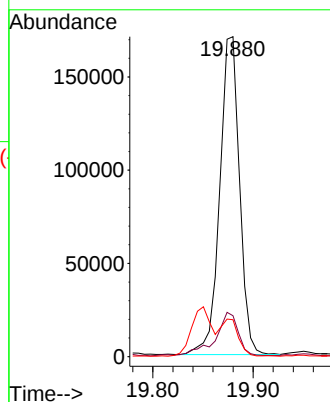
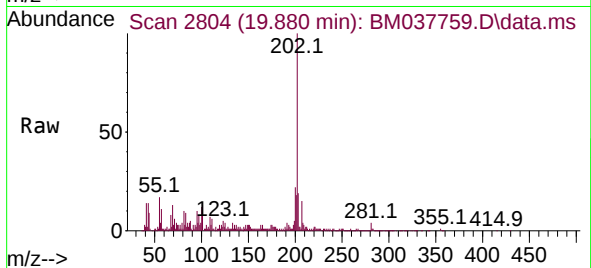
ESQT2

Tgt Ion:202 Resp: 234084
 Ion Ratio Lower Upper
 202 100
 101 12.8 12.2 18.4
 100 11.5 10.2 15.2

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#85

Benzo(a)anthracene

Concen: 1.311 ng/ul

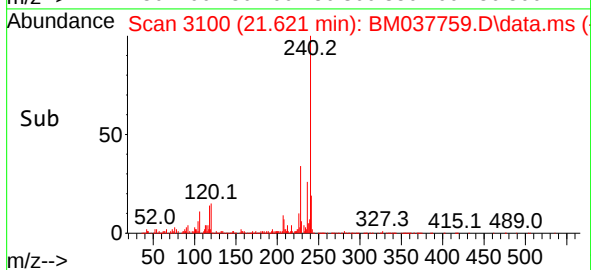
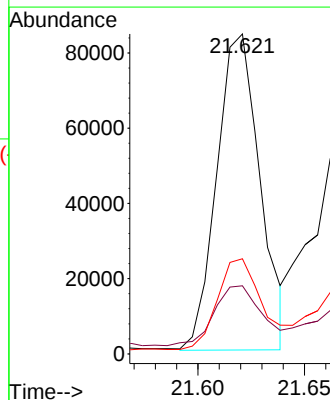
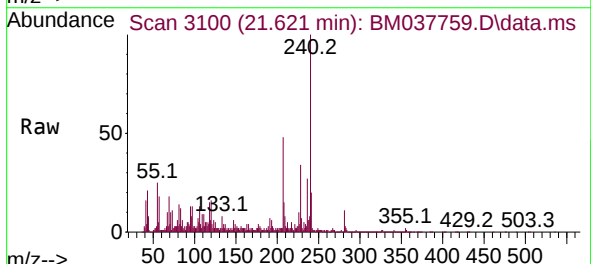
RT: 21.621 min Scan# 3100

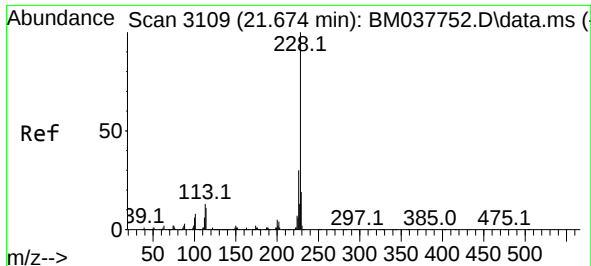
Delta R.T. -0.000 min

Lab File: BM037759.D

Acq: 28 Nov 2022 14:46

Tgt Ion:228 Resp: 119068
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.6 23.4
 226 29.7 22.2 33.2





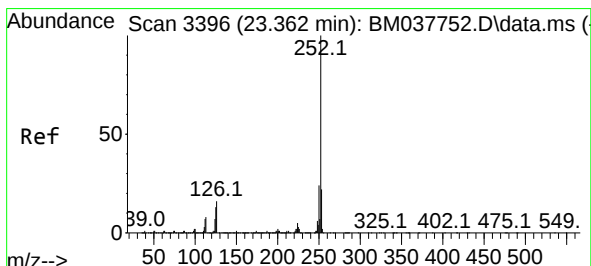
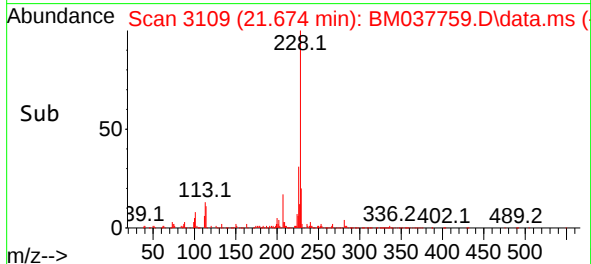
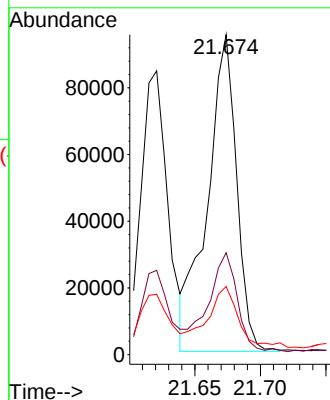
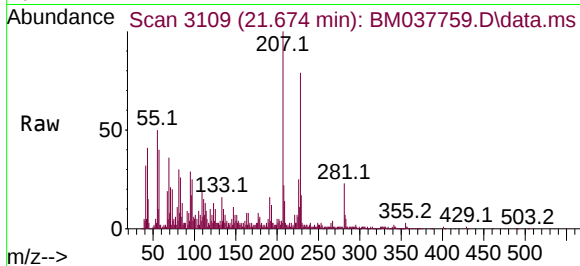
#87
Chrysene
Concen: 1.729 ng/ul
RT: 21.674 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM037759.D
Acq: 28 Nov 2022 14:46

Instrument :
BNA_M
ClientSampleId :
ESQT2

Tgt Ion:228 Resp: 147788
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.4
229 21.3 16.1 24.1

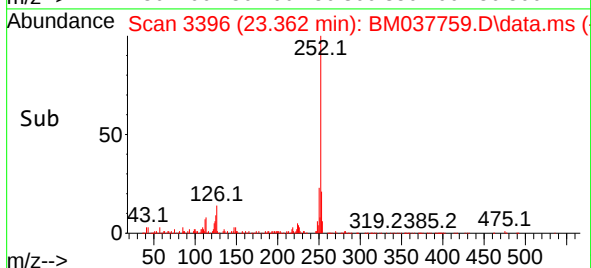
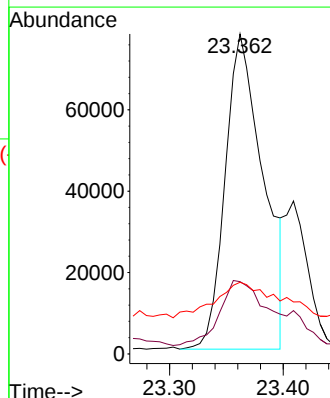
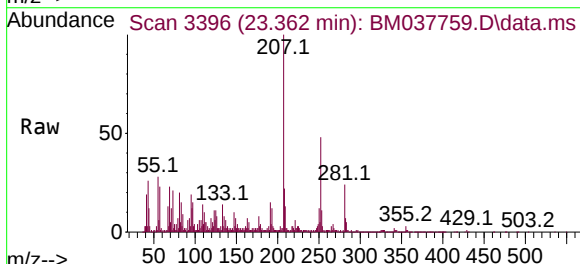
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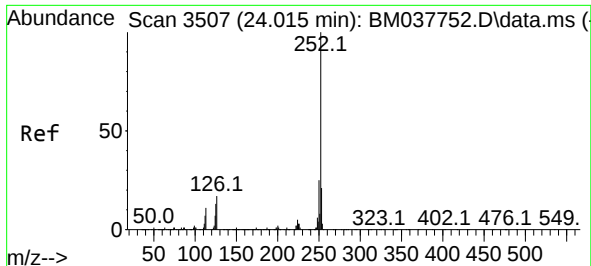
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#90
Benzo(b)fluoranthene
Concen: 2.400 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. -0.000 min
Lab File: BM037759.D
Acq: 28 Nov 2022 14:46

Tgt Ion:252 Resp: 181015
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 22.4 11.0 16.4#





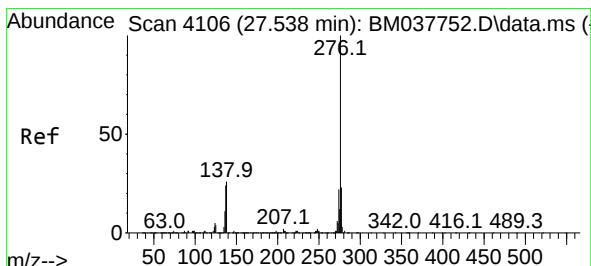
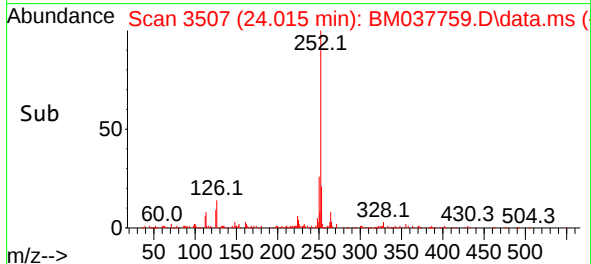
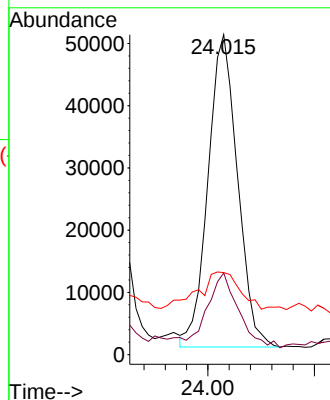
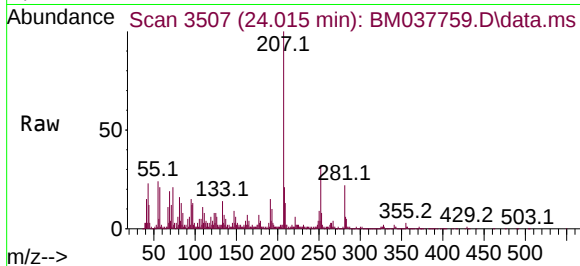
#93
Benzo(a)pyrene
Concen: 1.472 ng/ul
RT: 24.015 min Scan# 3507
Delta R.T. -0.000 min
Lab File: BM037759.D
Acq: 28 Nov 2022 14:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 96475
Ion Ratio Lower Upper
252 100
253 25.5 17.3 25.9
125 25.6 12.0 18.0

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.013 ng/ul
RT: 27.532 min Scan# 4105
Delta R.T. -0.006 min
Lab File: BM037759.D
Acq: 28 Nov 2022 14:46

Tgt Ion:276 Resp: 66347
Ion Ratio Lower Upper
276 100
138 25.6 23.4 35.2
277 24.8 19.1 28.7

