

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038174.D
 Acq On : 21 Dec 2022 16:25
 Operator : CG/JU
 Sample : N6014-21
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXT3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

Quant Time: Dec 21 23:32:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 00:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	214530	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	900238	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.669	164	534277	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	1064120	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.580	240	739766	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	776361	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	19008	4.023	ng/uL	0.00
4) Pyridine-d5	3.828	84	312427	22.291	ng/u1	0.00
7) Phenol-d5	7.204	99	581718	33.369	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	279796	26.358	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	495419	34.643	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	494492	36.339	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	250093	35.087	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	299960	40.158	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	582942	41.088	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	606749	30.982	ng/u1	0.00
46) Dimethylphthalate-d6	14.080	166	1653719	43.416	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1920683	41.258	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	245636	37.839	ng/u1	0.00
60) Fluorene-d10	15.657	176	1446199	42.616	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	129940	22.840	ng/u1	0.00
73) Anthracene-d10	17.510	188	2090116	42.085	ng/u1	0.00
81) Pyrene-d10	19.792	212	2075724	46.711	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1631581	42.075	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.456	202	68886	1.313	ng/u1	98
82) Pyrene	19.821	202	211469	3.874	ng/u1	96
85) Benzo(a)anthracene	21.562	228	99492	1.998	ng/u1	98
87) Chrysene	21.615	228	114627m	2.453	ng/u1	
90) Benzo(b)fluoranthene	23.280	252	227323	4.723	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	57918m	1.242	ng/u1	
93) Benzo(a)pyrene	23.921	252	79816	1.886	ng/u1	96

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

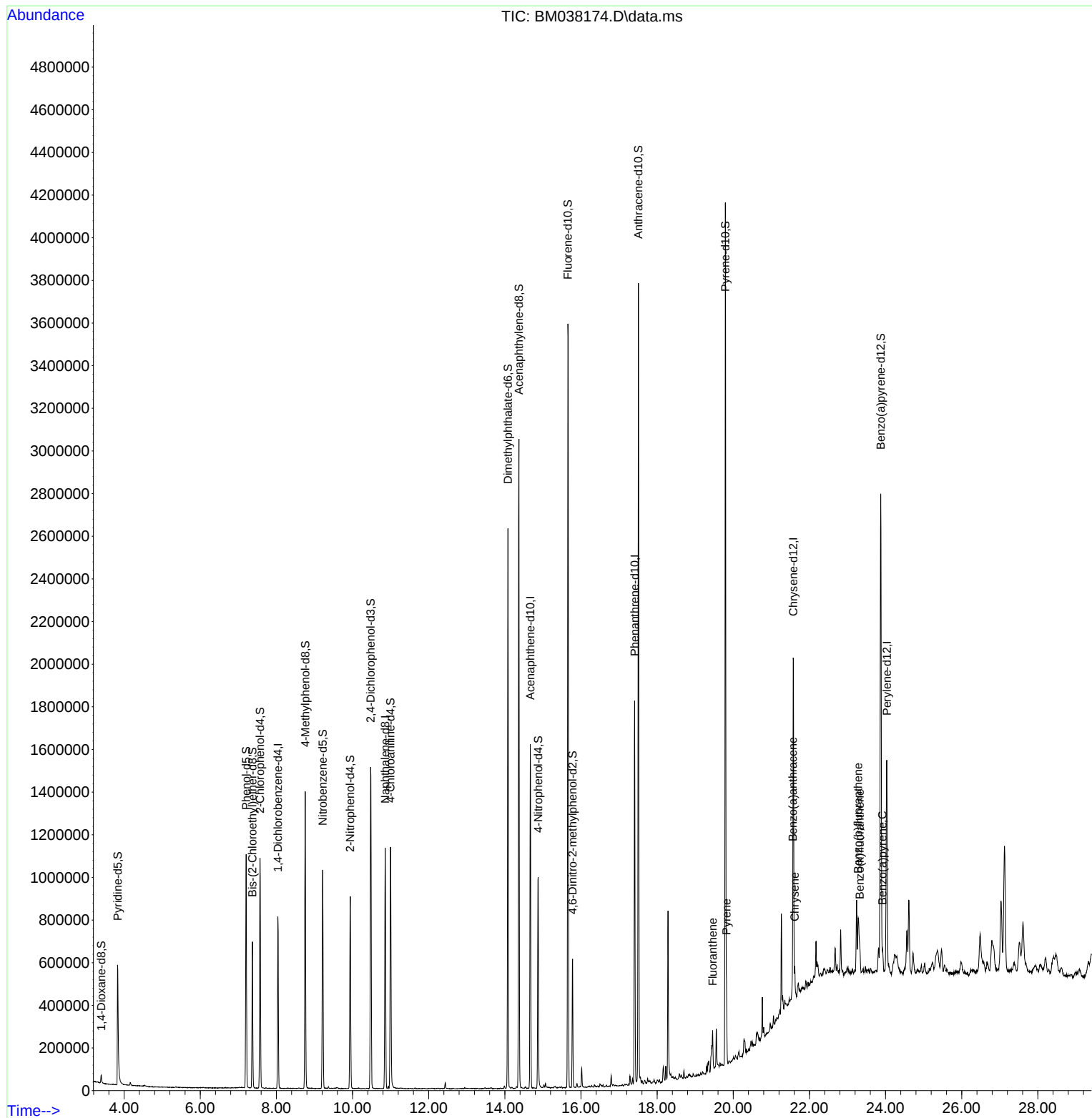
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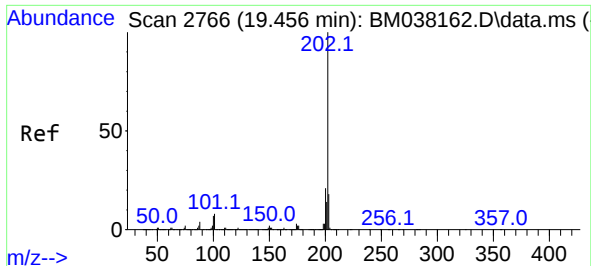
Instrument :
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Quant Time: Dec 21 23:32:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

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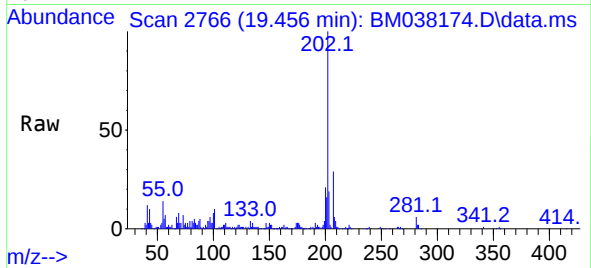
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022





#80
Fluoranthene
Concen: 1.313 ng/u1
RT: 19.456 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

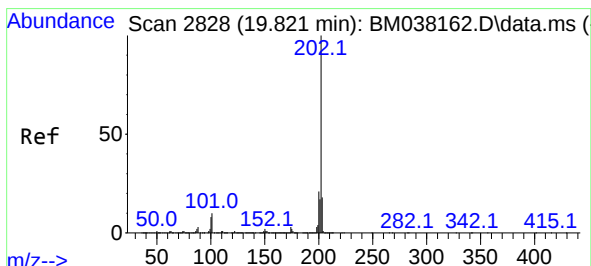
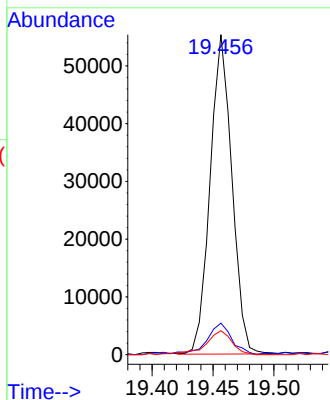
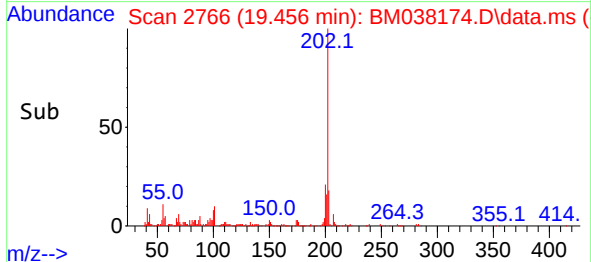
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ClientSampleId :
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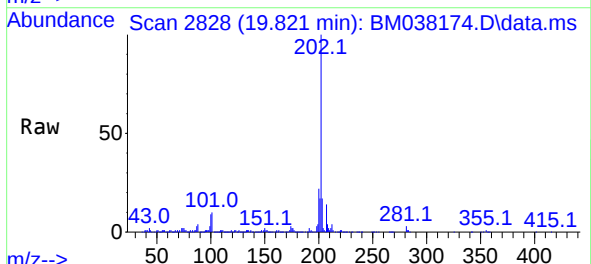
Tgt Ion:202 Resp: 68880
Ion Ratio Lower Upper
202 100
101 9.9 8.6 13.0
100 7.5 6.6 10.0

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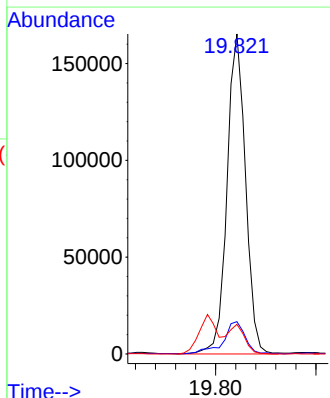
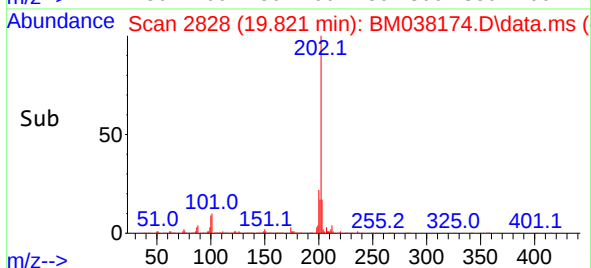
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Supervised By :mohammad ahmed 12/22/2022

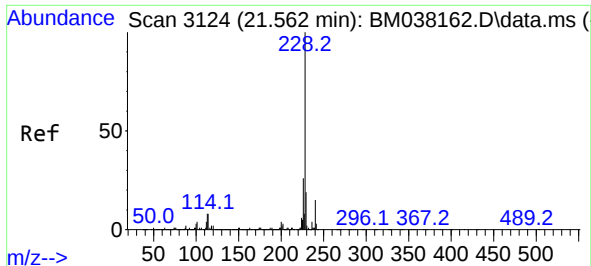


#82
Pyrene
Concen: 3.874 ng/u1
RT: 19.821 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25



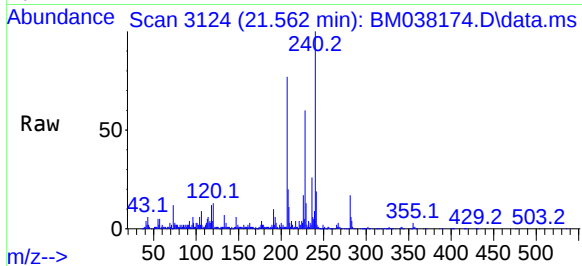
Tgt Ion:202 Resp: 211469
Ion Ratio Lower Upper
202 100
101 10.1 10.0 15.0
100 9.3 7.9 11.9





#85
Benzo(a)anthracene
Concen: 1.998 ng/ul
RT: 21.562 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

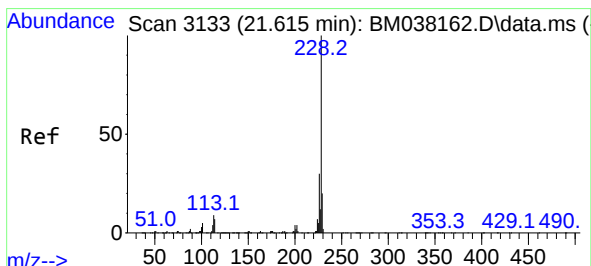
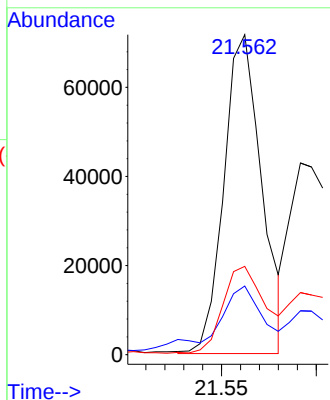
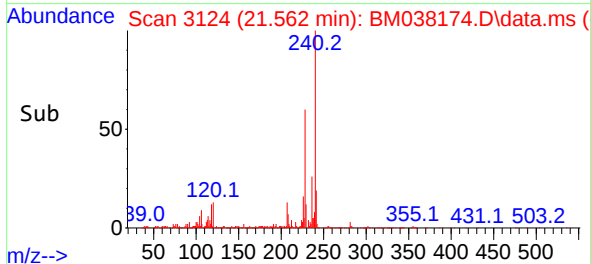
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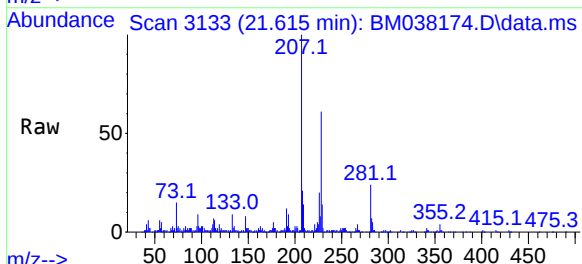
Tgt Ion:228 Resp: 99492
Ion Ratio Lower Upper
228 100
229 21.5 15.5 23.3
226 27.6 21.8 32.8

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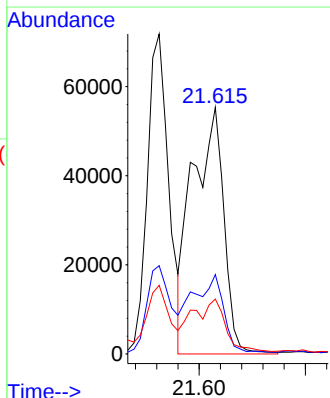
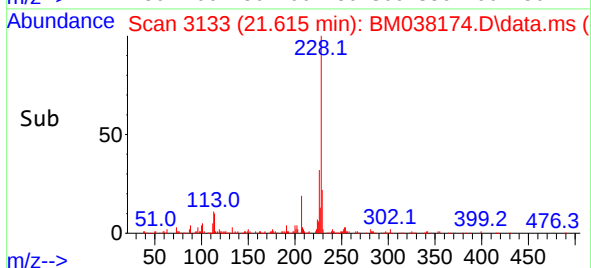
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Supervised By :mohammad ahmed 12/22/2022

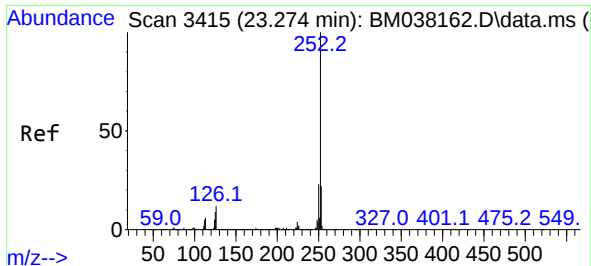


#87
Chrysene
Concen: 2.453 ng/ul m
RT: 21.615 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25



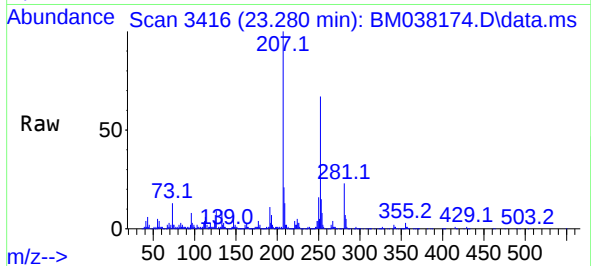
Tgt Ion:228 Resp: 114627
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 22.3 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 4.723 ng/ul
RT: 23.280 min Scan# 3415
Delta R.T. 0.006 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25

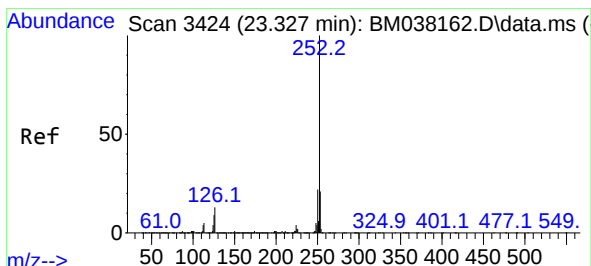
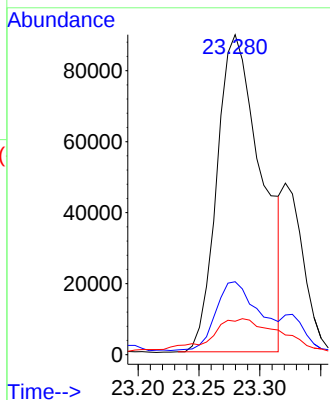
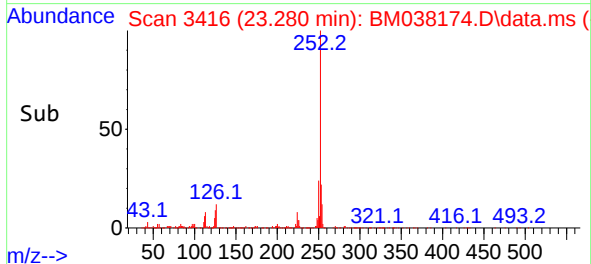
Instrument :
BNA_M
ClientSampleId :
DBXT3



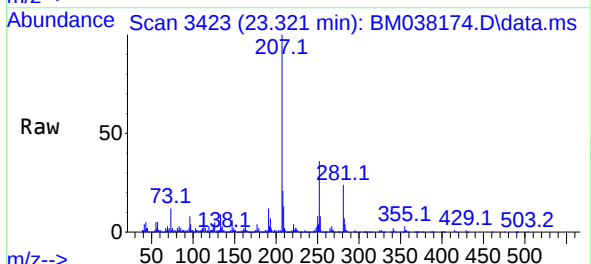
Tgt Ion:252 Resp: 22732
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.4 8.0 12.0

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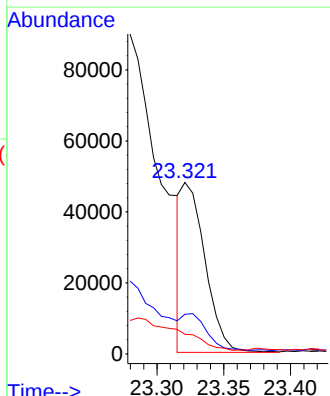
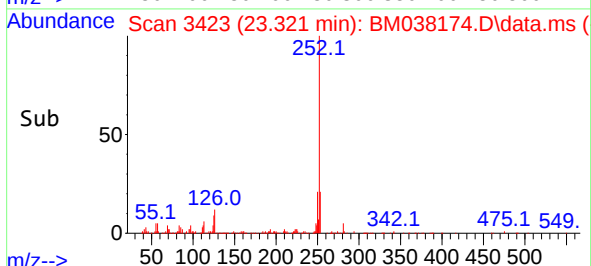
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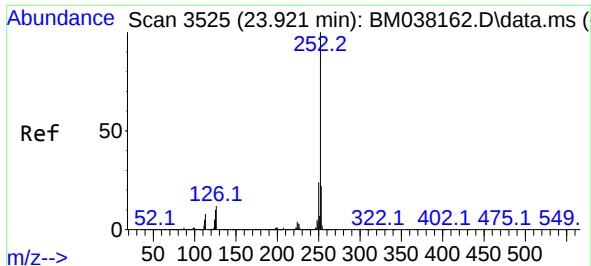


#91
Benzo(k)fluoranthene
Concen: 1.242 ng/ul m
RT: 23.321 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM038174.D
Acq: 21 Dec 2022 16:25



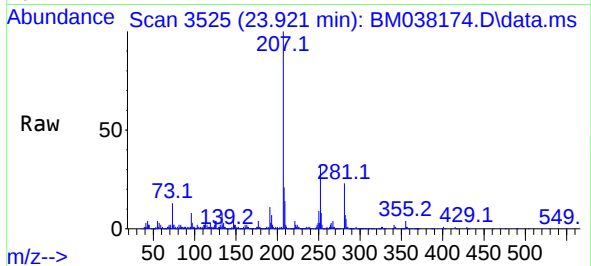
Tgt Ion:252 Resp: 57918
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.5 8.1 12.1





#93
 Benzo(a)pyrene
 Concen: 1.886 ng/ul
 RT: 23.921 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM038174.D
 Acq: 21 Dec 2022 16:25

Instrument :
 BNA_M
 ClientSampleId :
 DBXT3



Tgt Ion: 252 Resp: 79810

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	12.4	9.4	14.0

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