

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032240.D
 Acq On : 25 Jun 2024 13:21
 Operator : MA/JU
 Sample : P2844-23
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C48

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

Quant Time: Jun 25 14:59:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	323636	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1301241	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	784492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1556635	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1411368	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1688890	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	24186	3.092	ng/uL	0.00
4) Pyridine-d5	3.587	84	30608	1.390	ng/u1	0.02
7) Phenol-d5	6.816	99	494427	17.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	264806	16.317	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	435841	20.588	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	297463	13.153	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	217258	21.836	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	234040	22.772	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	386271	20.132	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	226995	7.968	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	1174365	21.488	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1362507	21.681	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	205209	18.753	ng/u1	0.02
60) Fluorene-d10	15.275	176	1018398	22.023	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	71133	9.091	ng/u1	0.00
73) Anthracene-d10	17.128	188	1532099	22.990	ng/u1	0.00
81) Pyrene-d10	19.433	212	1615313	21.388	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1328683	16.476	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.069	178	169237	2.134	ng/u1	99
80) Fluoranthene	19.092	202	383897	4.253	ng/u1	99
82) Pyrene	19.463	202	315992	3.412	ng/u1	94
85) Benzo(a)anthracene	21.251	228	199755	2.115	ng/u1	98
87) Chrysene	21.310	228	220414	2.498	ng/u1	96
90) Benzo(b)fluoranthene	23.269	252	288660	2.859	ng/u1#	93
91) Benzo(k)fluoranthene	23.316	252	104166m	1.052	ng/u1	
93) Benzo(a)pyrene	24.051	252	127904	1.353	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	27.462	276	120754	1.108	ng/u1#	93

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

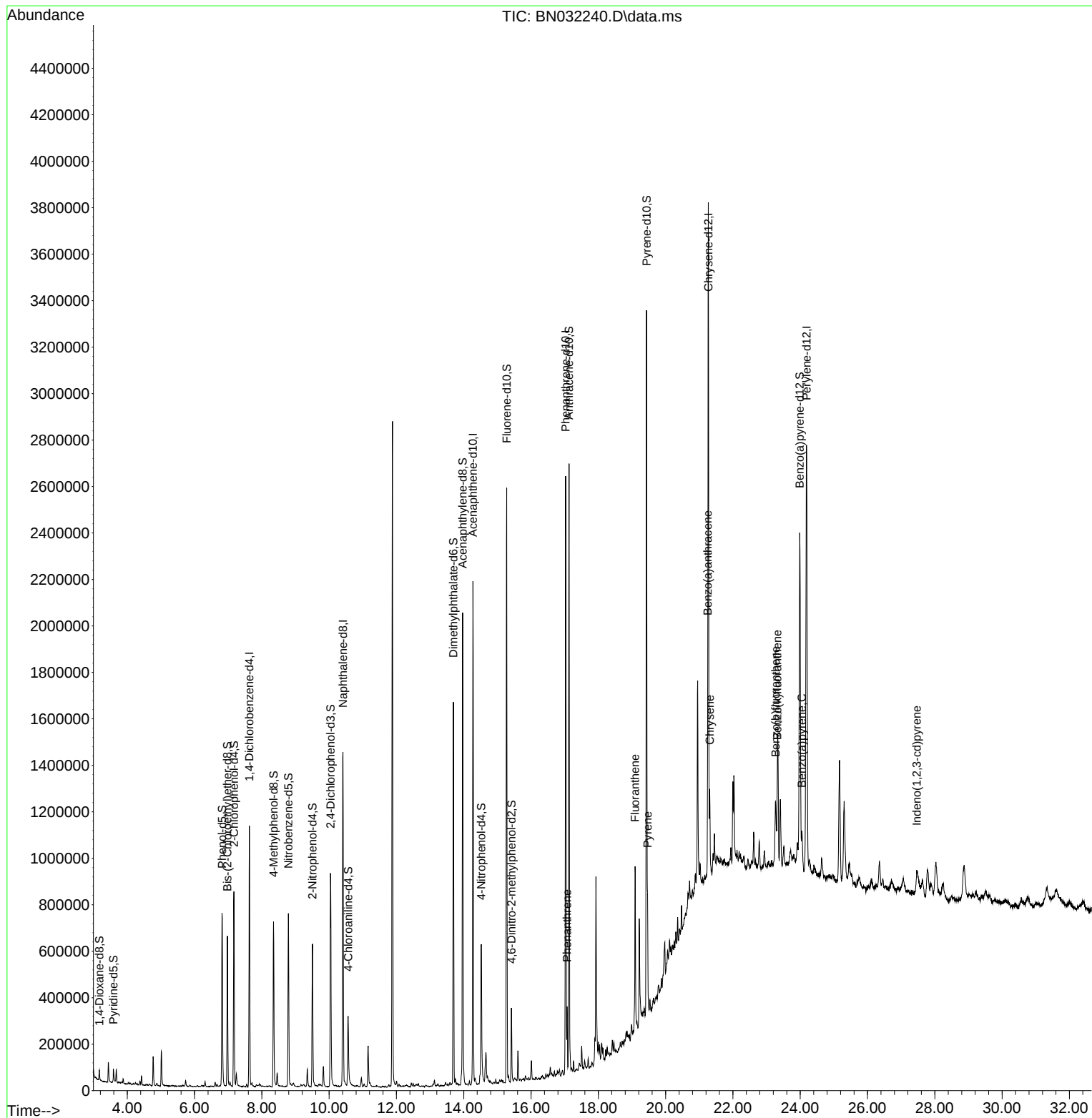
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
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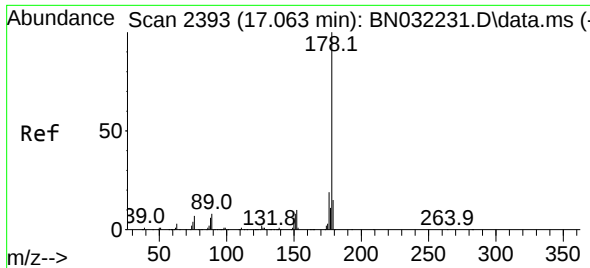
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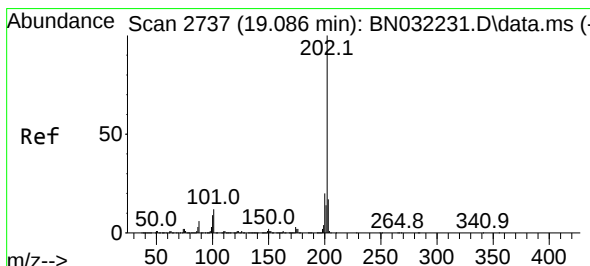
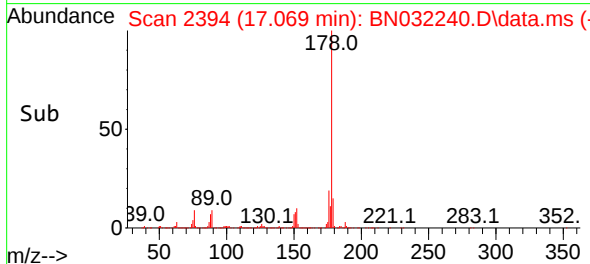
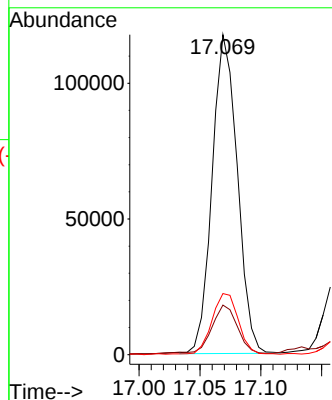
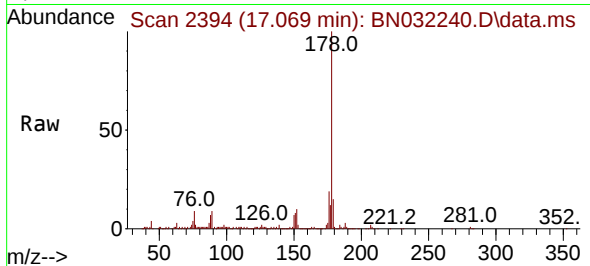
#72
Phenanthrene
Concen: 2.134 ng/ul
RT: 17.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032240.D
Acq: 25 Jun 2024 13:21

Instrument :
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ClientSampleId :
A4C48

Tgt Ion:178 Resp: 16923
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.1 15.8 23.6

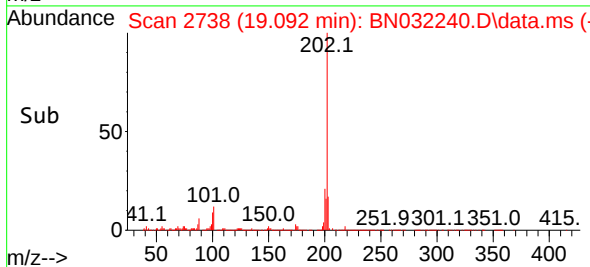
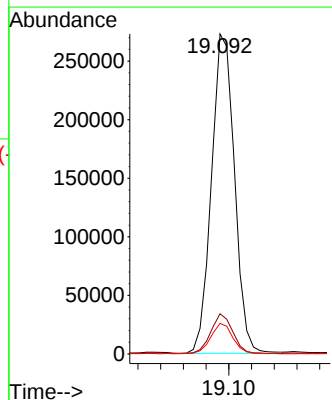
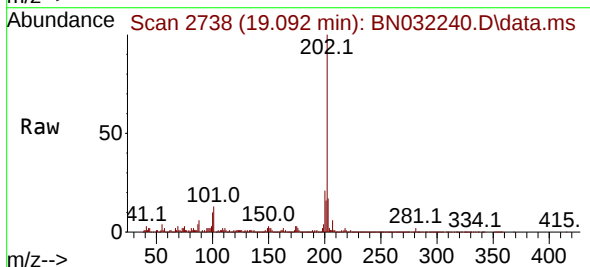
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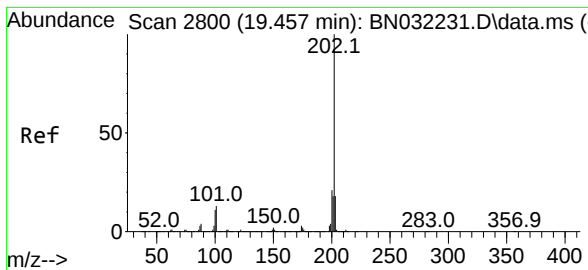
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#80
Fluoranthene
Concen: 4.253 ng/ul
RT: 19.092 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN032240.D
Acq: 25 Jun 2024 13:21

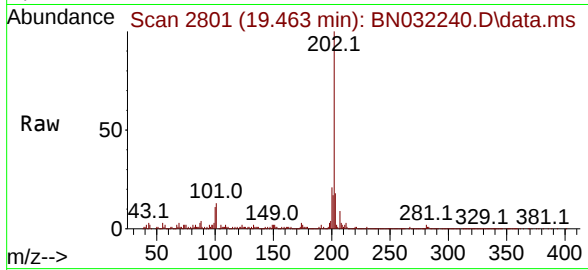
Tgt Ion:202 Resp: 383897
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.5 8.0 12.0





#82
 Pyrene
 Concen: 3.412 ng/ul
 RT: 19.463 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN032240.D
 Acq: 25 Jun 2024 13:21

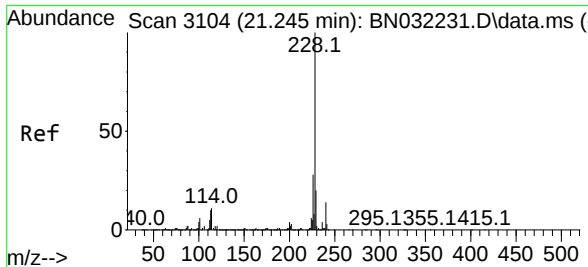
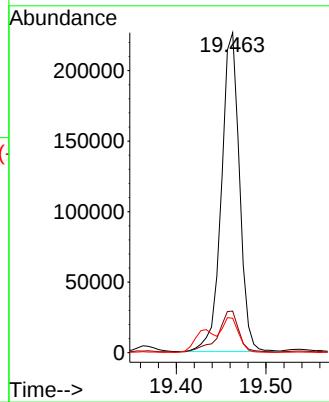
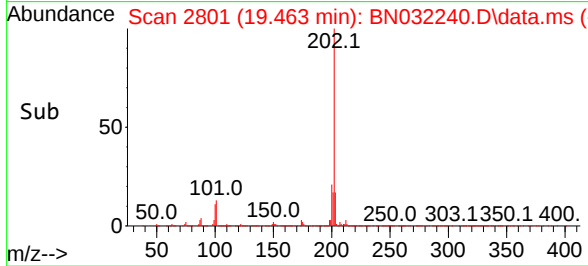
Instrument :
 BNA_N
 ClientSampleId :
 A4C48



Tgt Ion:202 Resp: 315992
 Ion Ratio Lower Upper
 202 100
 101 13.0 12.6 18.8
 100 10.8 10.2 15.2

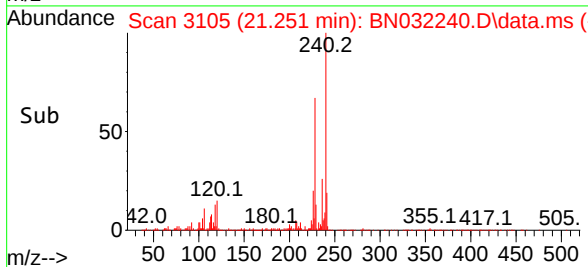
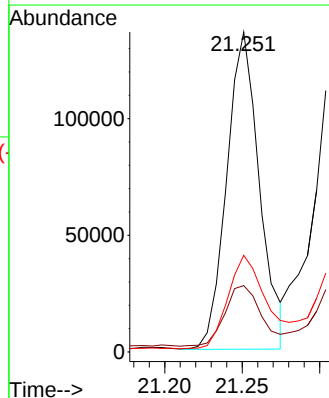
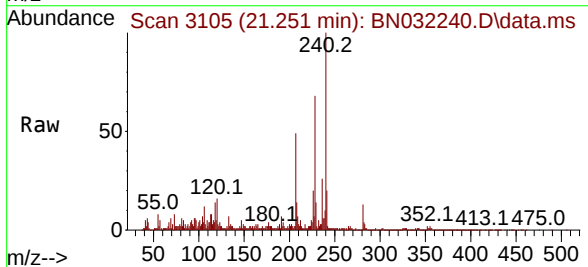
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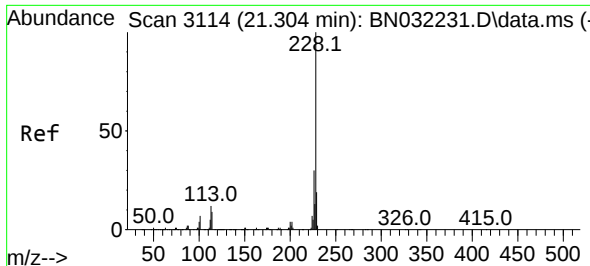
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024



#85
 Benzo(a)anthracene
 Concen: 2.115 ng/ul
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BN032240.D
 Acq: 25 Jun 2024 13:21

Tgt Ion:228 Resp: 199755
 Ion Ratio Lower Upper
 228 100
 229 20.8 16.7 25.1
 226 30.2 22.8 34.2





#87

Chrysene

Concen: 2.498 ng/ul

RT: 21.310 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BN032240.D

Acq: 25 Jun 2024 13:21

Instrument :

BNA_N

ClientSampleId :

A4C48

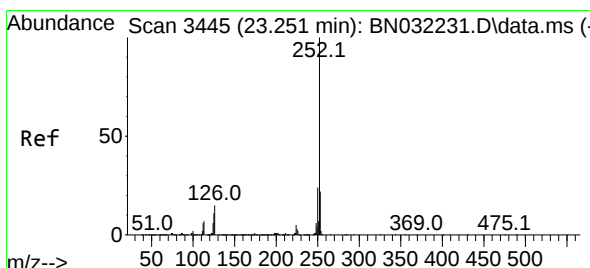
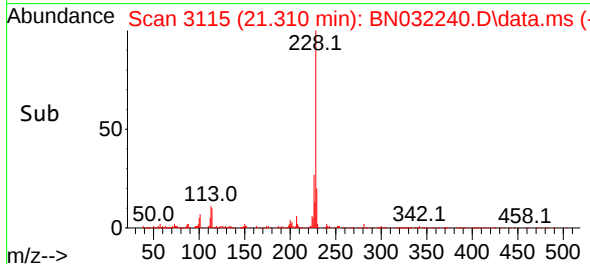
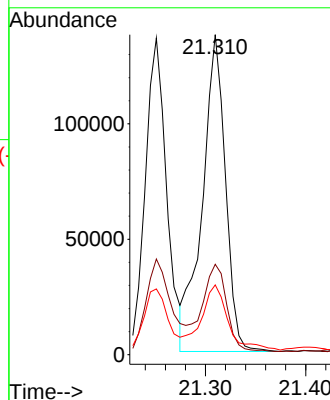
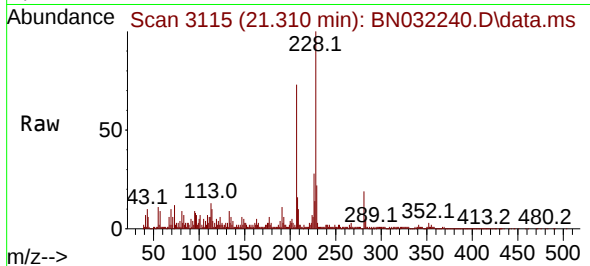
Tgt Ion:228 Resp: 220414
 Ion Ratio Lower Upper
 228 100
 226 28.2 23.7 35.5
 229 21.8 15.1 22.7

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#90

Benzo(b)fluoranthene

Concen: 2.859 ng/ul

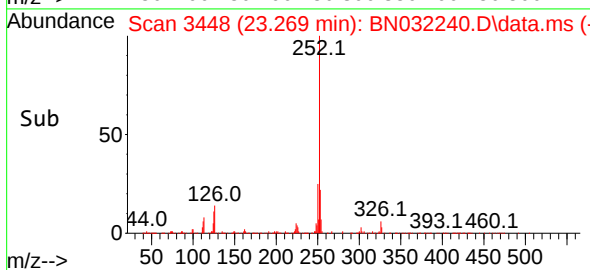
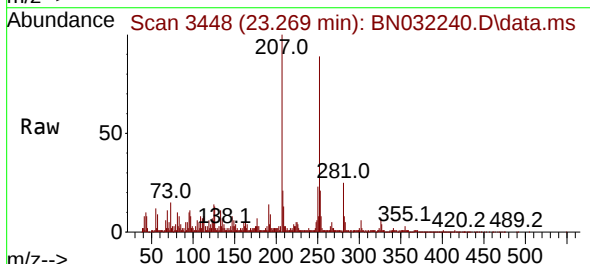
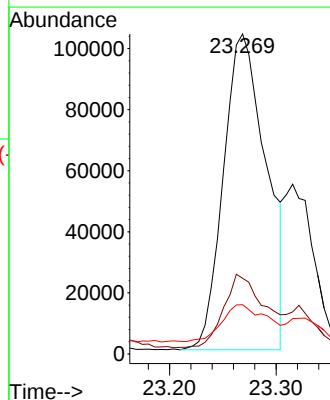
RT: 23.269 min Scan# 3448

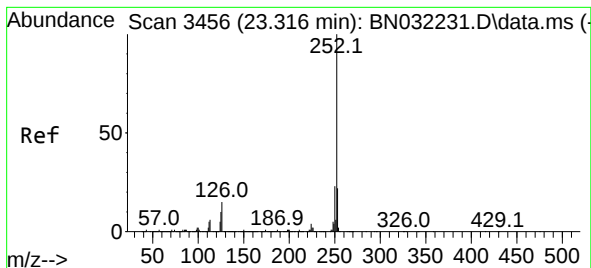
Delta R.T. 0.006 min

Lab File: BN032240.D

Acq: 25 Jun 2024 13:21

Tgt Ion:252 Resp: 288660
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.0 25.6
 125 15.4 9.2 13.8#





#91

Benzo(k)fluoranthene

Concen: 1.052 ng/ul m

RT: 23.316 min Scan# 34

Delta R.T. -0.006 min

Lab File: BN032240.D

Acq: 25 Jun 2024 13:21

Instrument :

BNA_N

ClientSampleId :

A4C48

Tgt Ion:252 Resp: 104160

Ion Ratio Lower Upper

252 100

253 24.8 17.6 26.4

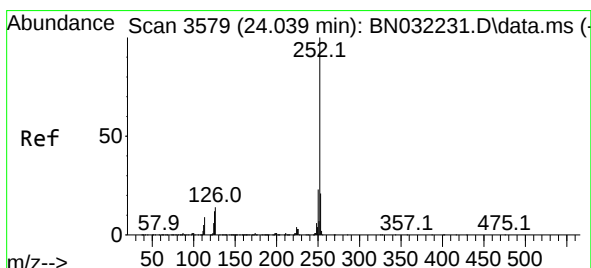
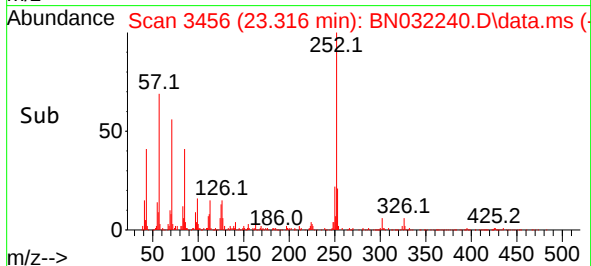
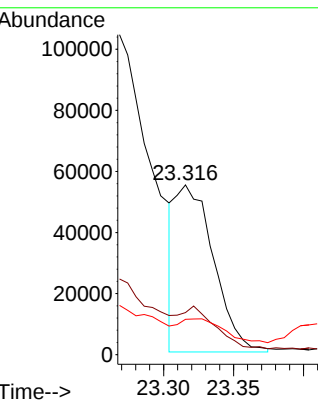
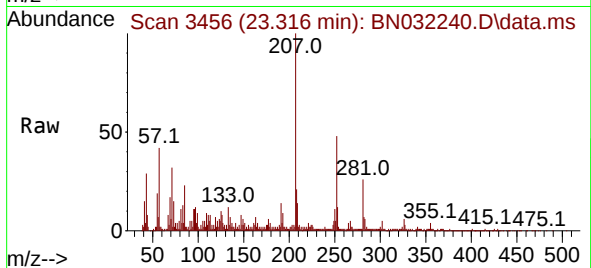
125 20.8 9.4 14.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.353 ng/ul

RT: 24.051 min Scan# 3581

Delta R.T. 0.012 min

Lab File: BN032240.D

Acq: 25 Jun 2024 13:21

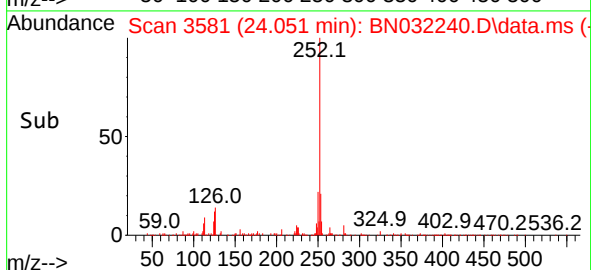
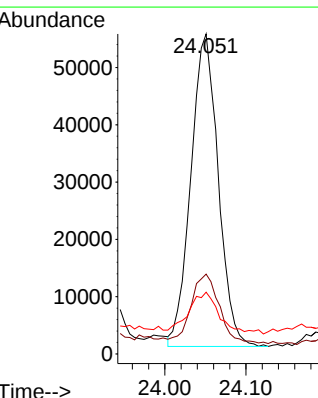
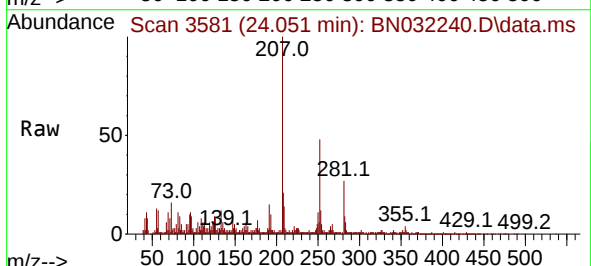
Tgt Ion:252 Resp: 127904

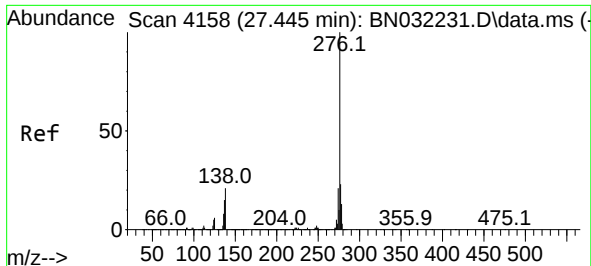
Ion Ratio Lower Upper

252 100

253 25.0 16.6 24.8#

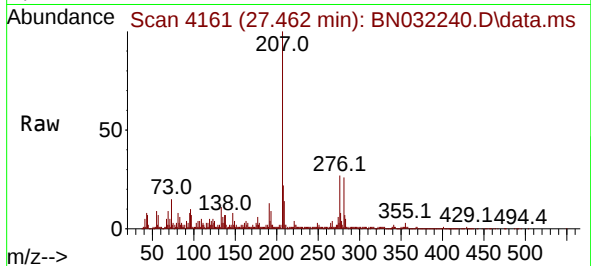
125 19.3 9.8 14.8#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.108 ng/ul
 RT: 27.462 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BN032240.D
 Acq: 25 Jun 2024 13:21

Instrument :
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Tgt Ion:276 Resp: 120754
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.1 27.1
 277 27.9 18.2 27.2

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