

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034637.D
 Acq On : 18 Oct 2024 01:10
 Operator : RC/JU
 Sample : P4346-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOAX4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 02:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	387379	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1497840	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	772523	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1336809	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1167803	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1460686	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	37471	3.871	ng/uL	0.00
4) Pyridine-d5	3.599	84	538865	19.064	ng/u1	0.00
7) Phenol-d5	6.834	99	648502	20.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	418636	21.348	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	540084	21.992	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	512650	20.691	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	252282	24.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	212439	25.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	420154	22.130	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	676167	20.761	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1113626	22.786	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1405920	23.160	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	132891	14.597	ng/u1	0.00
60) Fluorene-d10	15.293	176	935266	22.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	36182	8.075	ng/u1	0.00
73) Anthracene-d10	17.139	188	1307710	22.884	ng/u1	0.00
81) Pyrene-d10	19.433	212	1383530	23.074	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1581225	23.494	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.081	178	133730	2.004	ng/u1	98
80) Fluoranthene	19.098	202	263487	3.663	ng/u1	99
82) Pyrene	19.457	202	230530	3.008	ng/u1	100
85) Benzo(a)anthracene	21.245	228	126319	1.703	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.216	149	56575	1.269	ng/u1	99
87) Chrysene	21.304	228	126141	1.791	ng/u1	95
90) Benzo(b)fluoranthene	23.245	252	186359	2.374	ng/u1#	94
93) Benzo(a)pyrene	24.016	252	131511	1.731	ng/u1#	94
96) Benzo(g,h,i)perylene	28.380	276	98046m	1.332	ng/u1	

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

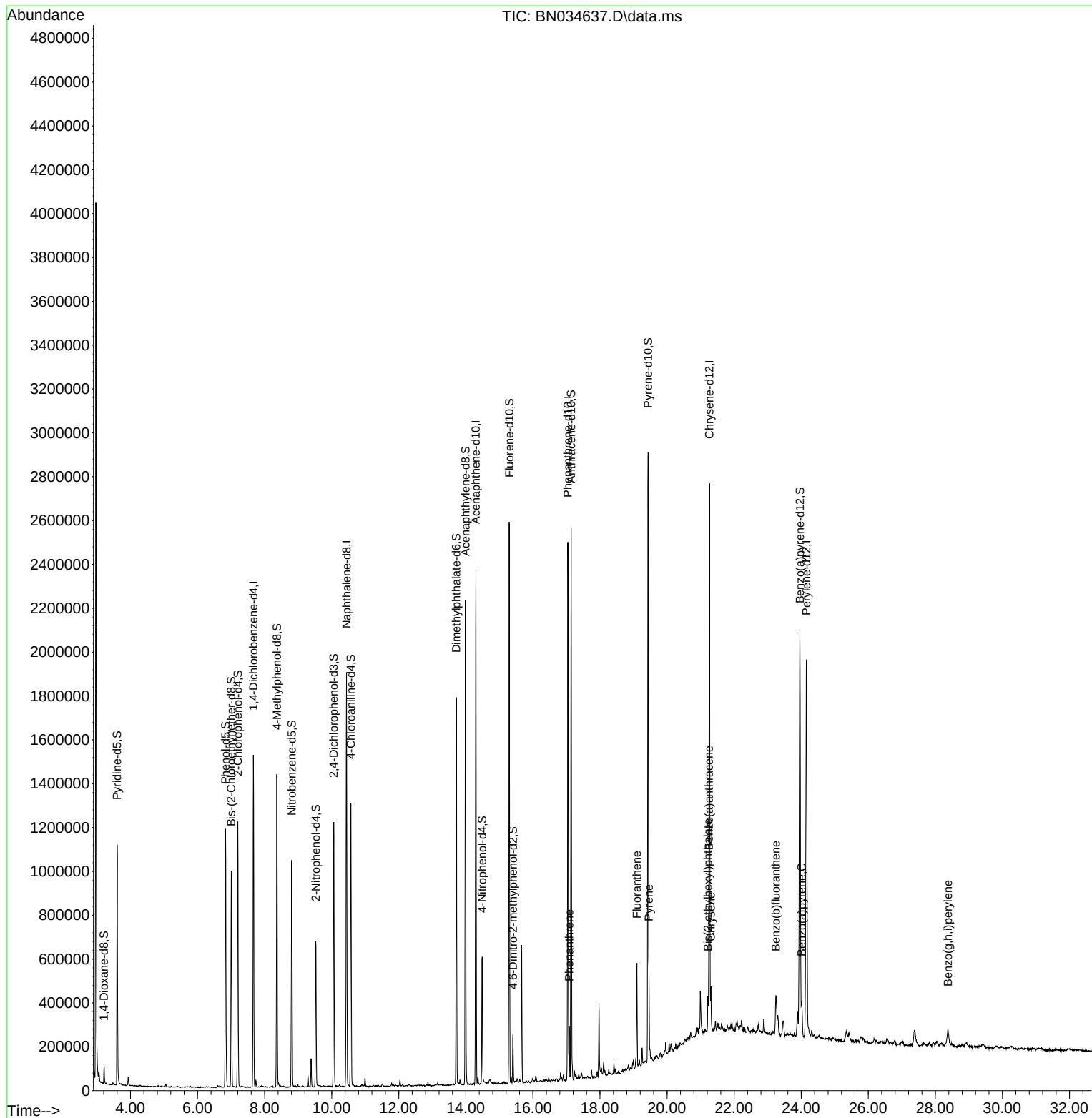
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034637.D
Acq On : 18 Oct 2024 01:10
Operator : RC/JU
Sample : P4346-14
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ALS Vial : 24 Sample Multiplier: 1

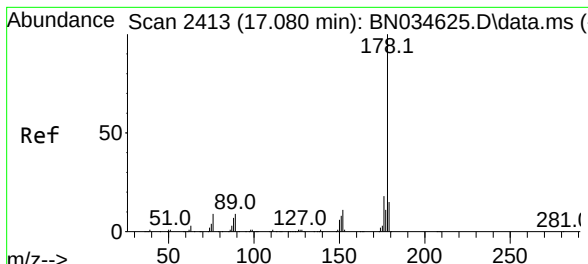
Instrument :
BNA_N
ClientSampleId :
EOAX4

Quant Time: Oct 18 02:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

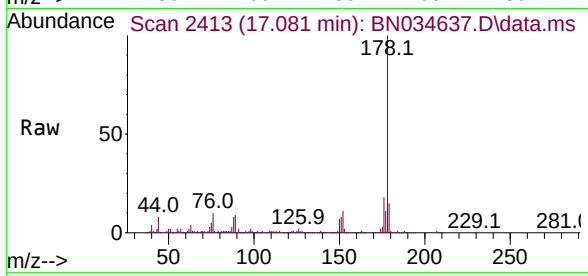
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024





#72
 Phenanthrene
 Concen: 2.004 ng/ul
 RT: 17.081 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN034637.D
 Acq: 18 Oct 2024 01:10

Instrument : BNA_N
 ClientSampleId : EOAX4

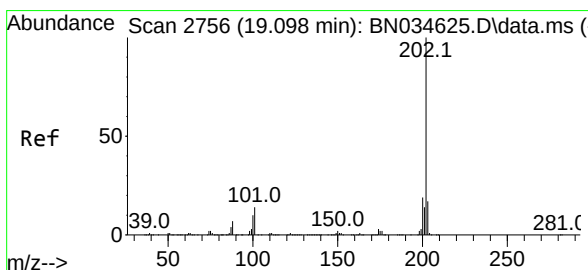
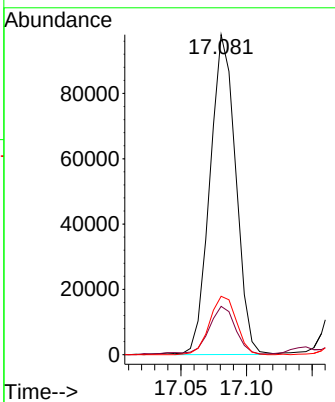
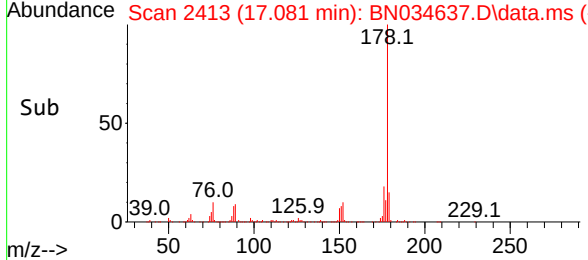


Tgt Ion:178 Resp: 133730

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.3	15.5	23.3

Manual Integrations
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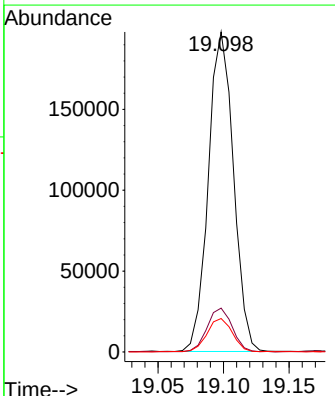
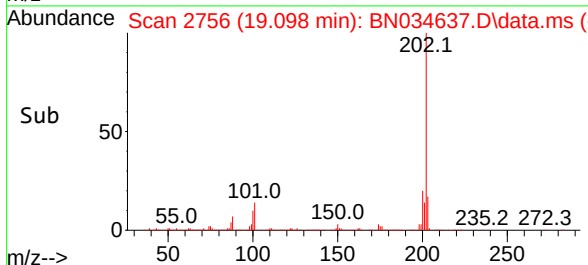
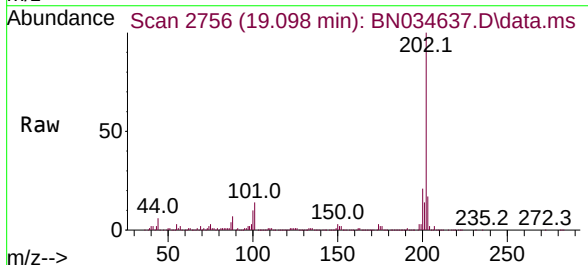
Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/21/2024

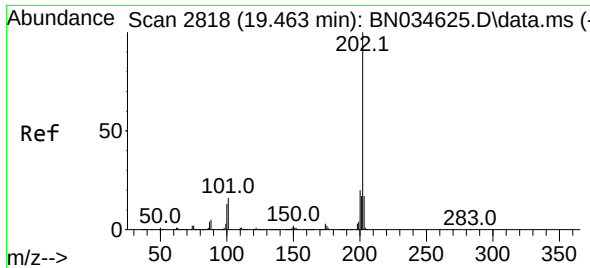


#80
 Fluoranthene
 Concen: 3.663 ng/ul
 RT: 19.098 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN034637.D
 Acq: 18 Oct 2024 01:10

Tgt Ion:202 Resp: 263487

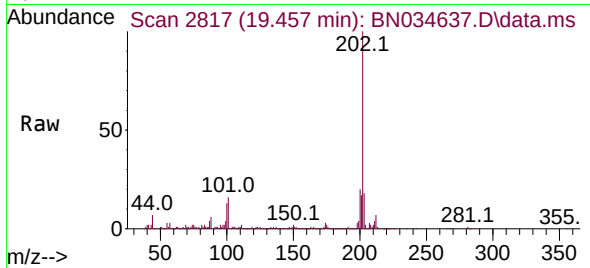
Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	15.8
100	10.5	8.2	12.2





#82
Pyrene
Concen: 3.008 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034637.D
Acq: 18 Oct 2024 01:10

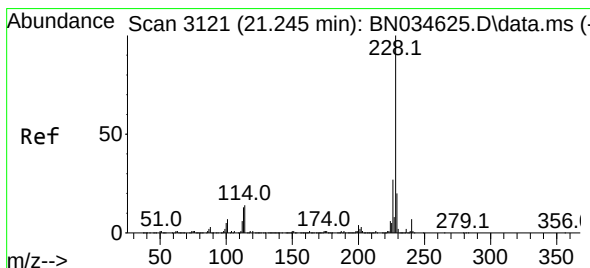
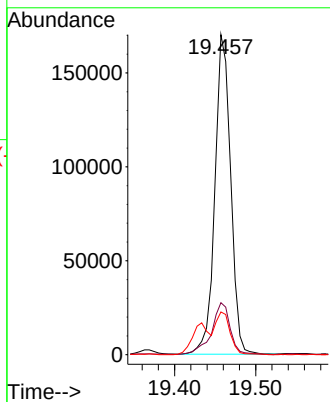
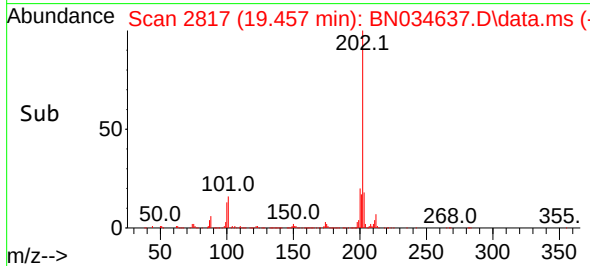
Instrument :
BNA_N
ClientSampleId :
EOAX4



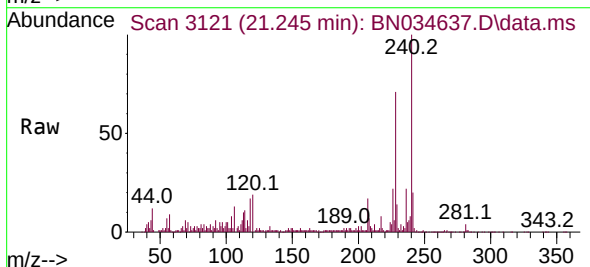
Tgt Ion:202 Resp: 230530
Ion Ratio Lower Upper
202 100
101 16.2 12.9 19.3
100 13.3 10.7 16.1

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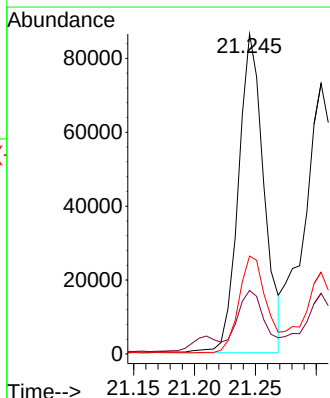
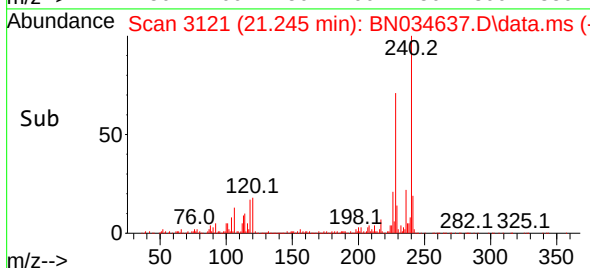
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

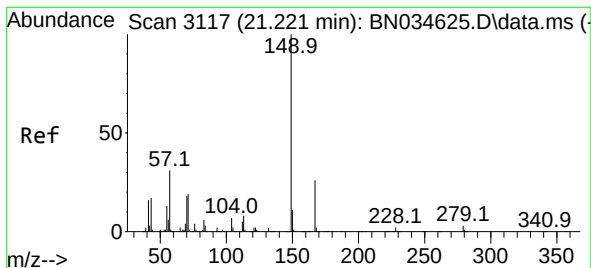


#85
Benzo(a)anthracene
Concen: 1.703 ng/ul
RT: 21.245 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN034637.D
Acq: 18 Oct 2024 01:10



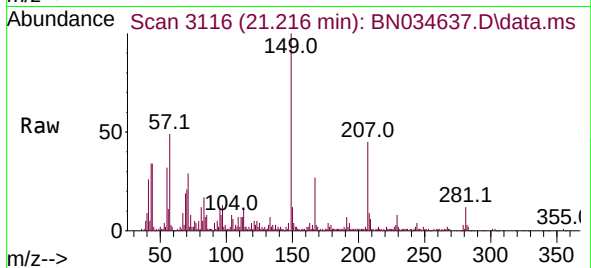
Tgt Ion:228 Resp: 126319
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 30.6 21.3 31.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.269 ng/ul
RT: 21.216 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BN034637.D
Acq: 18 Oct 2024 01:10

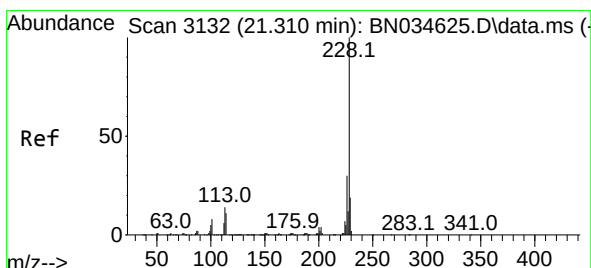
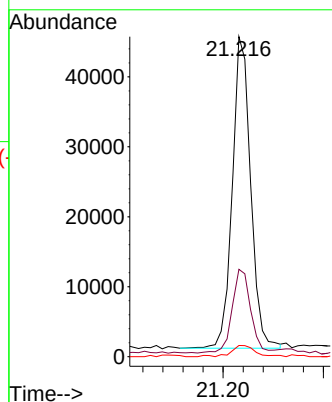
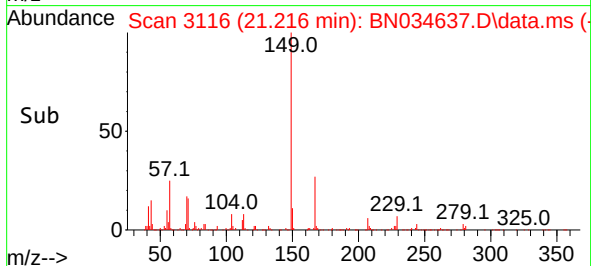
Instrument :
BNA_N
ClientSampleId :
EOAX4



Tgt Ion:149 Resp: 5657
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 3.5 2.9 4.3

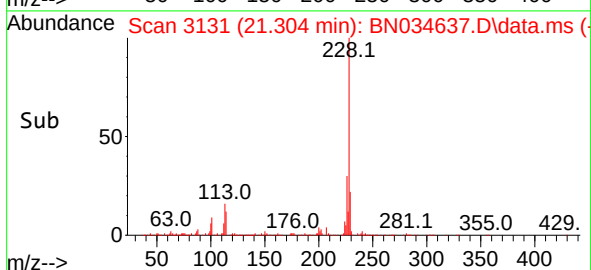
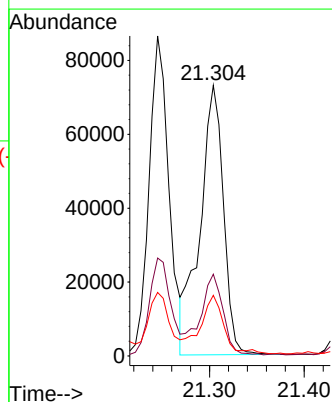
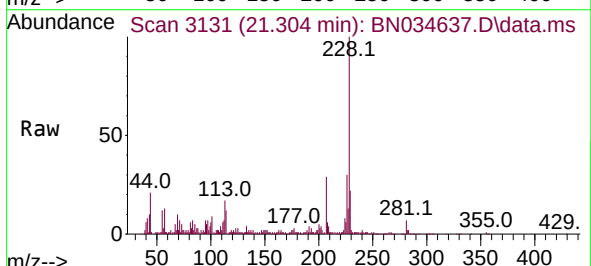
Manual Integrations
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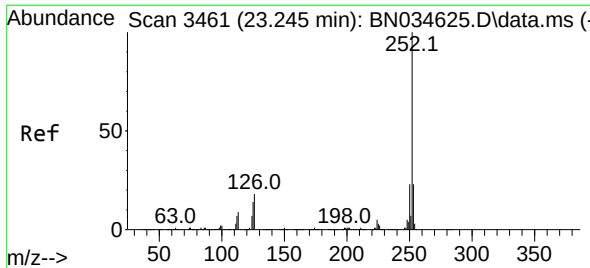
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024



#87
Chrysene
Concen: 1.791 ng/ul
RT: 21.304 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN034637.D
Acq: 18 Oct 2024 01:10

Tgt Ion:228 Resp: 126141
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 22.4 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 2.374 ng/u1
RT: 23.245 min Scan# 3461
Delta R.T. -0.011 min
Lab File: BN034637.D
Acq: 18 Oct 2024 01:10

Instrument :

BNA_N

ClientSampleId :

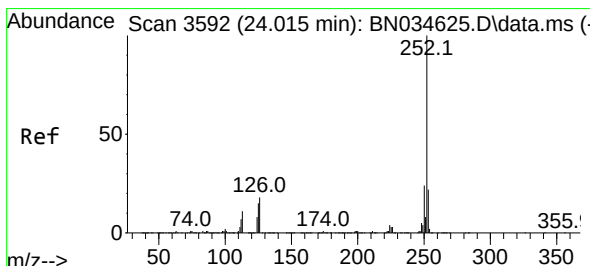
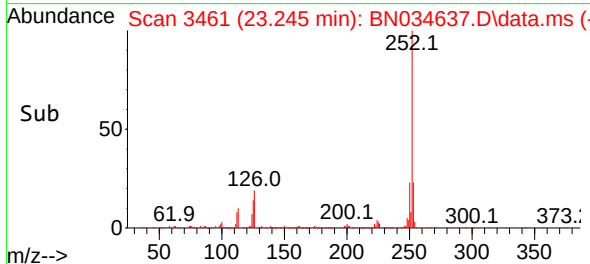
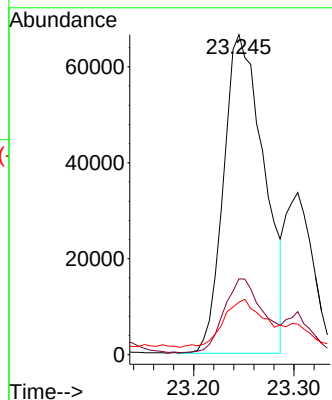
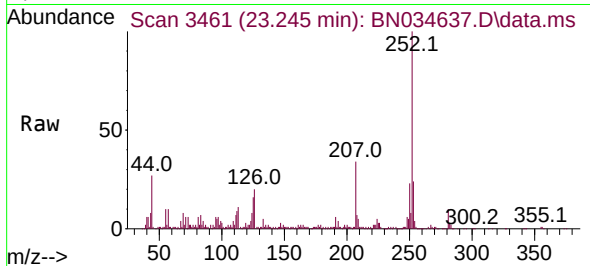
EOAX4

Tgt Ion:252 Resp: 18635
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 16.4 10.3 15.5

Manual Integrations

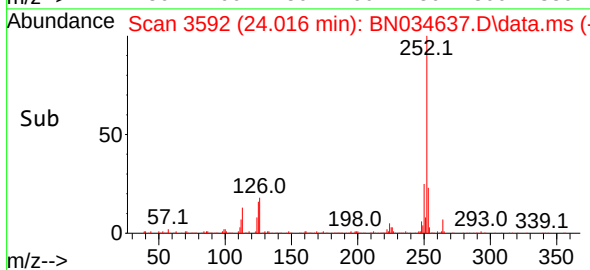
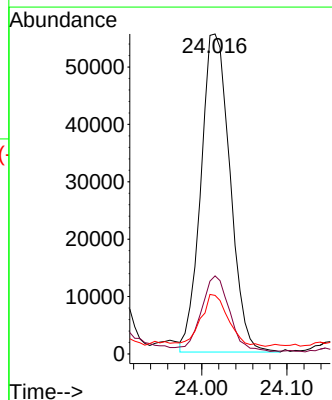
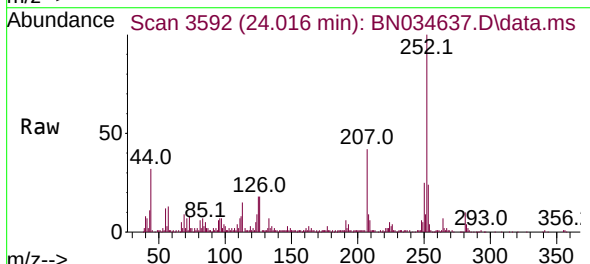
APPROVED

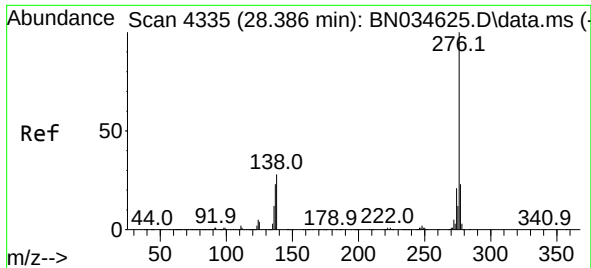
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024



#93
Benzo(a)pyrene
Concen: 1.731 ng/u1
RT: 24.016 min Scan# 3592
Delta R.T. -0.011 min
Lab File: BN034637.D
Acq: 18 Oct 2024 01:10

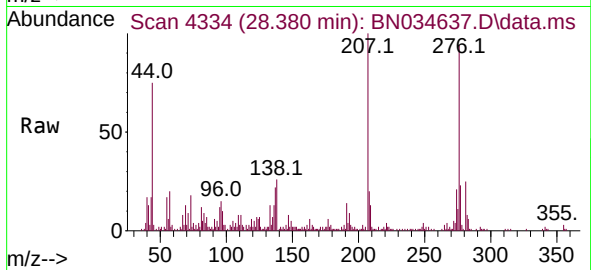
Tgt Ion:252 Resp: 131511
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 18.3 11.7 17.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.332 ng/ul m
 RT: 28.380 min Scan# 4334
 Delta R.T. -0.011 min
 Lab File: BN034637.D
 Acq: 18 Oct 2024 01:10

Instrument :
 BNA_N
 ClientSampleId :
 EOAX4



Tgt Ion: 276 Resp: 98040
 Ion Ratio Lower Upper
 276 100
 138 27.8 21.9 32.9
 277 25.0 18.3 27.5

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