

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN032005.D
 Acq On : 14 Jun 2024 17:49
 Operator : MA/JU
 Sample : P2695-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 18:26:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	300263	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1381493	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	931742	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1913191	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1285141	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1208529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	42538	5.861	ng/uL	0.00
4) Pyridine-d5	3.587	84	107481	5.261	ng/u1	0.00
7) Phenol-d5	6.834	99	906663	35.223	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	528136	35.077	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	729090	37.121	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	711238	33.896	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	389658	36.889	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	419620	38.457	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	730181	35.845	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	846464	27.987	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	2358914	36.341	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	2694238	36.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	414565	31.898	ng/u1	0.00
60) Fluorene-d10	15.298	176	2001028	36.434	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	300102m	31.207	ng/u1	0.00
73) Anthracene-d10	17.151	188	2835500	34.618	ng/u1	0.00
81) Pyrene-d10	19.451	212	2748567	39.967	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1371154	23.760	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.481	105	38476	1.210	ng/u1	96
72) Phenanthrene	17.092	178	329327	3.379	ng/u1	98
80) Fluoranthene	19.116	202	697551	8.487	ng/u1	99
82) Pyrene	19.480	202	467402	5.543	ng/u1	96
85) Benzo(a)anthracene	21.268	228	242450	2.819	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	86438	1.489	ng/u1	97
87) Chrysene	21.327	228	277551	3.454	ng/u1	96
90) Benzo(b)fluoranthene	23.286	252	304392	4.214	ng/u1#	93
91) Benzo(k)fluoranthene	23.339	252	110831	1.564	ng/u1	94
93) Benzo(a)pyrene	24.074	252	97197	1.437	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	27.497	276	100725m	1.292	ng/u1	

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

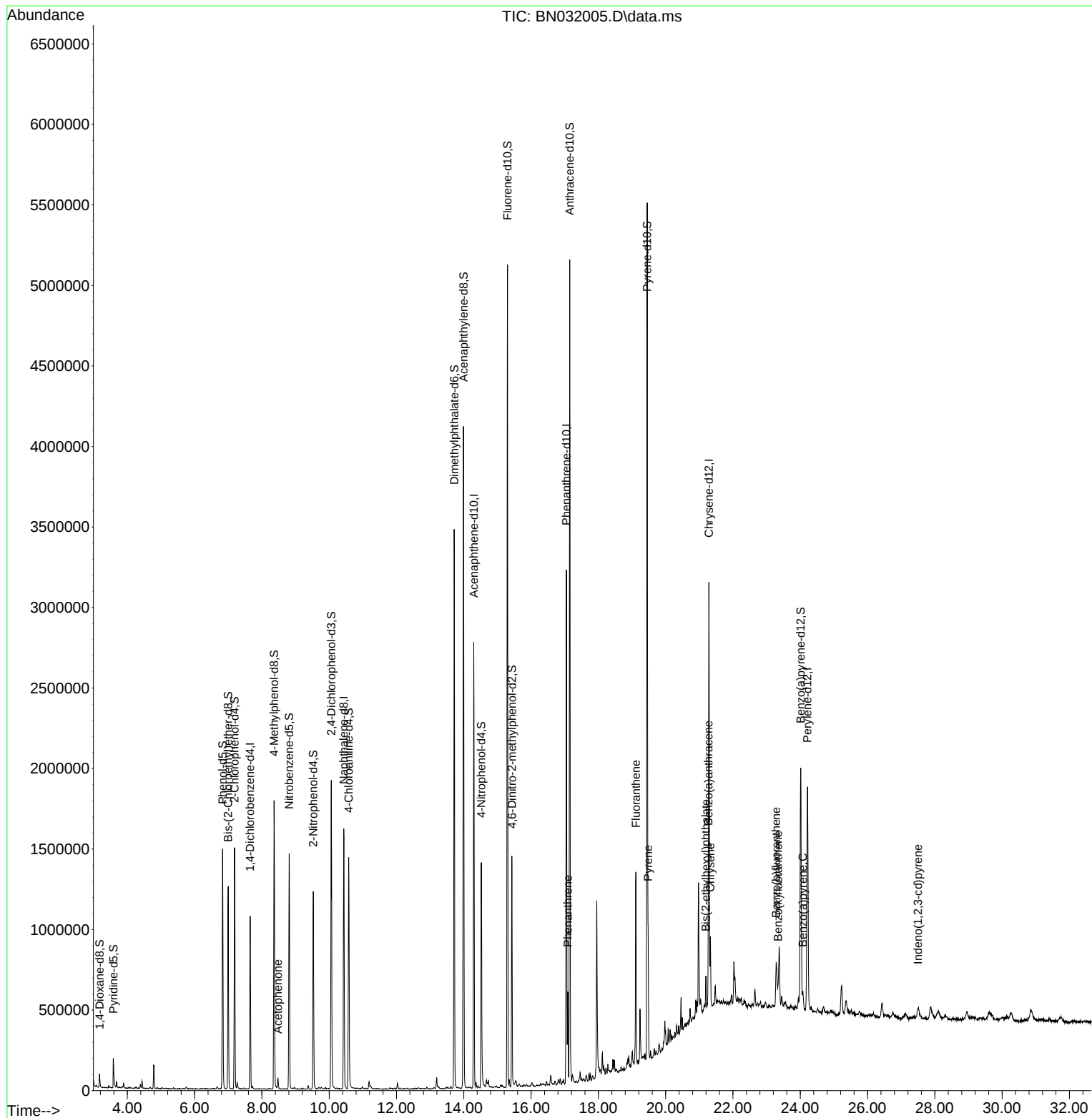
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032005.D
Acq On : 14 Jun 2024 17:49
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

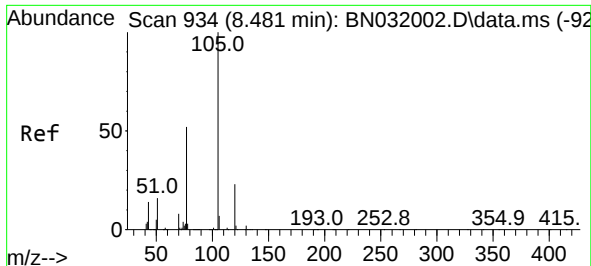
Instrument :
BNA_N
ClientSampleId :
A4BN3

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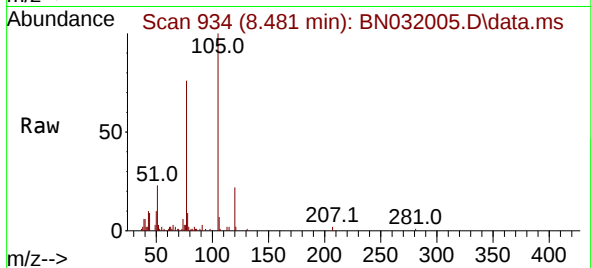
Quant Time: Jun 14 18:26:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.210 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032005.D
Acq: 14 Jun 2024 17:49

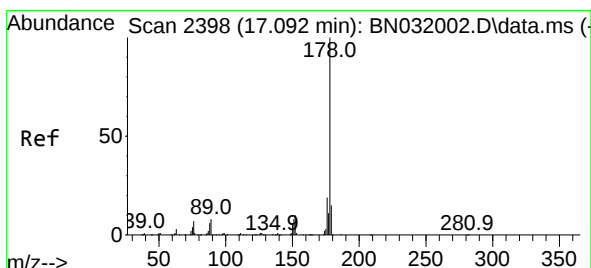
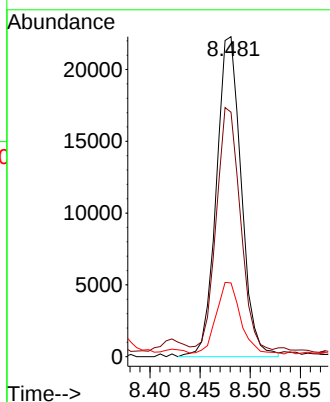
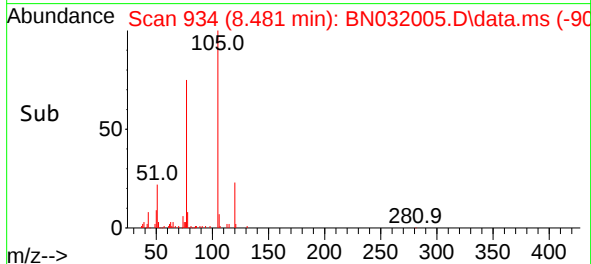
Instrument :
BNA_N
ClientSampleId :
A4BN3



Tgt Ion:105 Resp: 38470
Ion Ratio Lower Upper
105 100
77 76.4 58.6 87.8
51 23.0 17.2 25.8

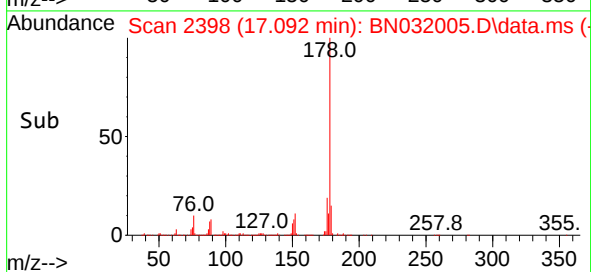
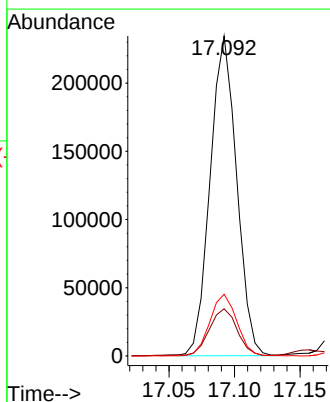
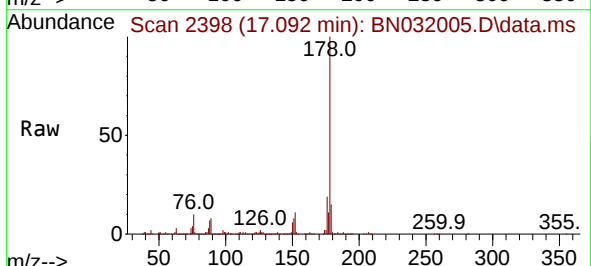
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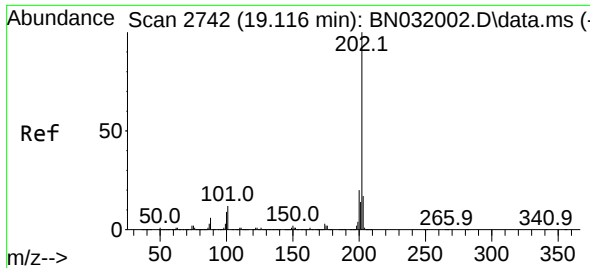
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#72
Phenanthrene
Concen: 3.379 ng/ul
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN032005.D
Acq: 14 Jun 2024 17:49

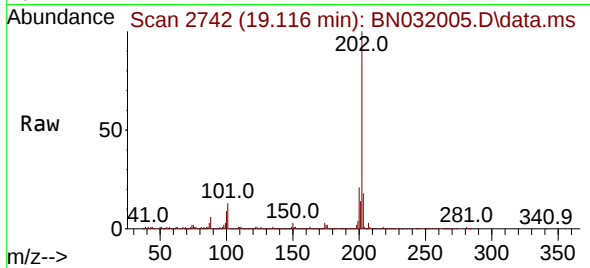
Tgt Ion:178 Resp: 329327
Ion Ratio Lower Upper
178 100
179 14.8 12.6 19.0
176 19.3 15.8 23.6





#80
Fluoranthene
Concen: 8.487 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BN032005.D
Acq: 14 Jun 2024 17:49

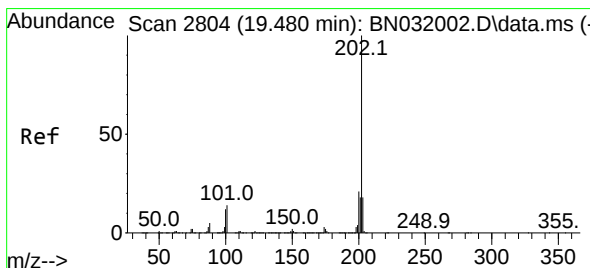
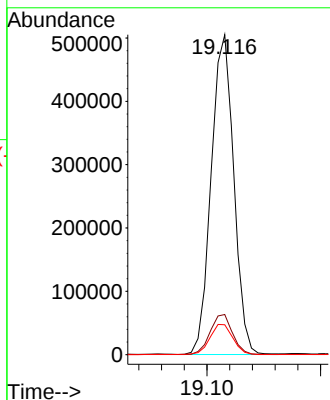
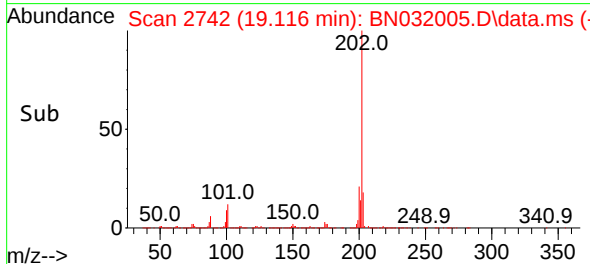
Instrument :
BNA_N
ClientSampleId :
A4BN3



Tgt Ion:202 Resp: 69755
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.3 8.0 12.0

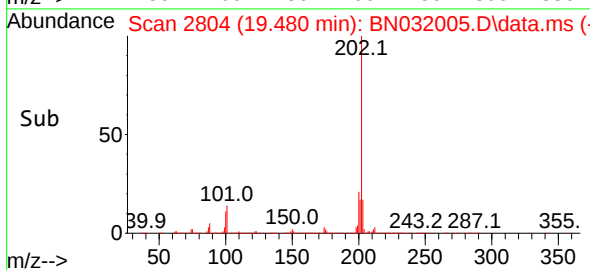
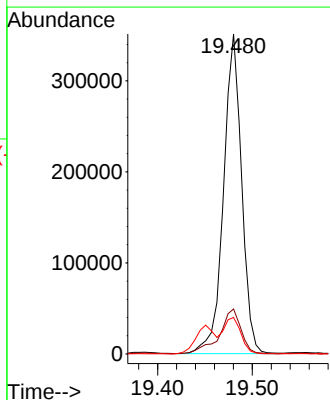
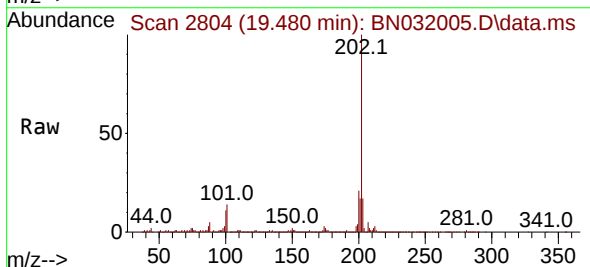
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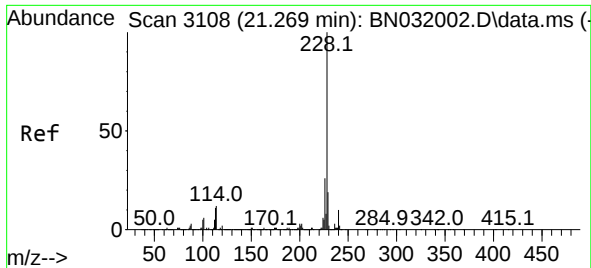
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#82
Pyrene
Concen: 5.543 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN032005.D
Acq: 14 Jun 2024 17:49

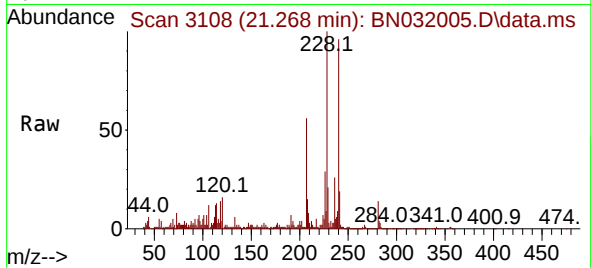
Tgt Ion:202 Resp: 467402
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.4 10.2 15.2





#85
Benzo(a)anthracene
Concen: 2.819 ng/ul
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN032005.D
Acq: 14 Jun 2024 17:49

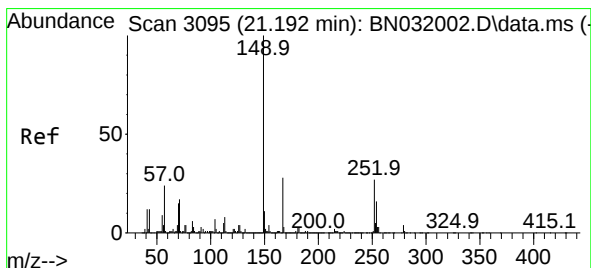
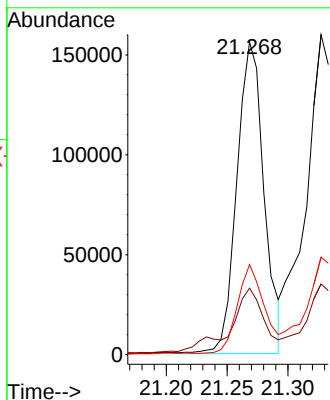
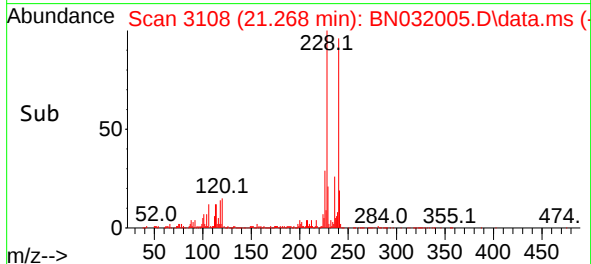
Instrument :
BNA_N
ClientSampleId :
A4BN3



Tgt Ion:228 Resp: 242450
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 28.8 22.8 34.2

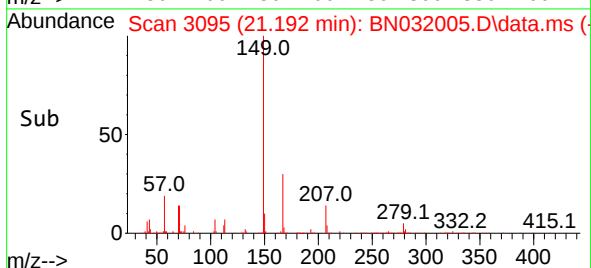
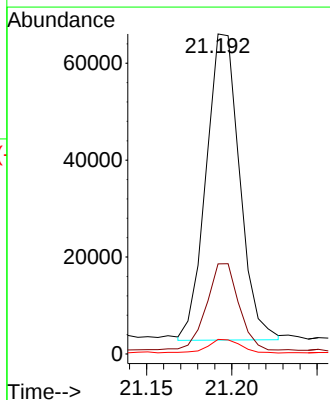
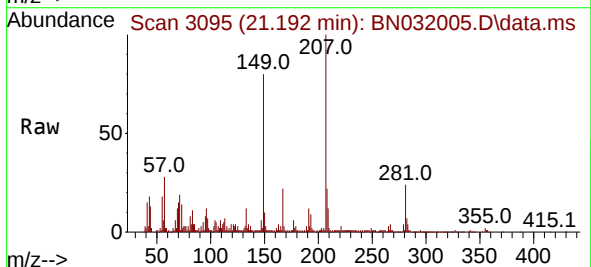
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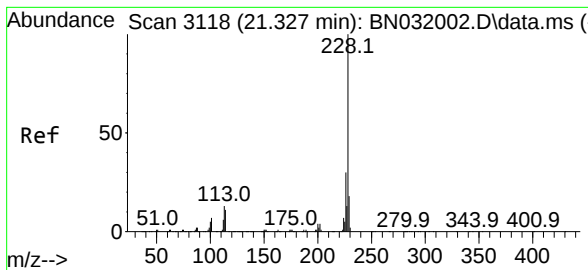
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.489 ng/ul
RT: 21.192 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BN032005.D
Acq: 14 Jun 2024 17:49

Tgt Ion:149 Resp: 86438
Ion Ratio Lower Upper
149 100
167 28.1 21.4 32.0
279 4.6 3.3 4.9





#87

Chrysene

Concen: 3.454 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BN032005.D

Acq: 14 Jun 2024 17:49

Instrument :

BNA_N

ClientSampleId :

A4BN3

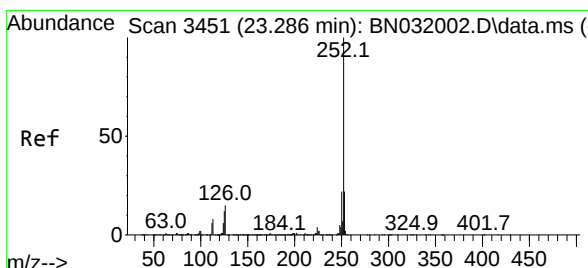
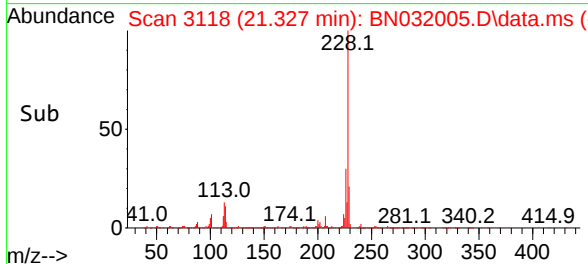
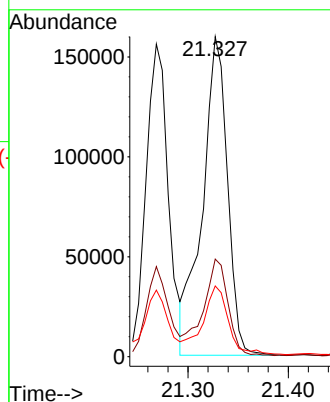
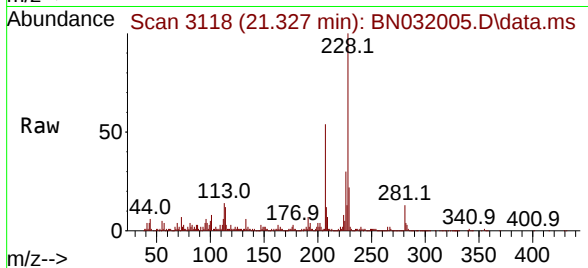
Tgt Ion:228 Resp: 27755

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	22.1	15.1	22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 4.214 ng/ul

RT: 23.286 min Scan# 3451

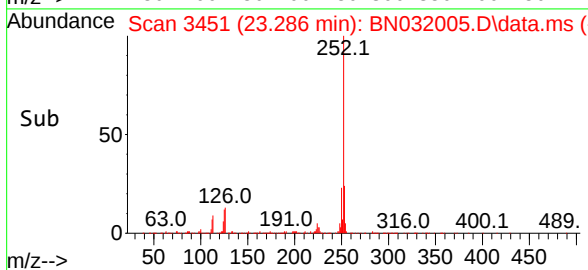
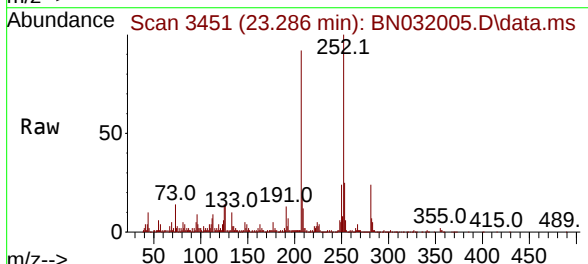
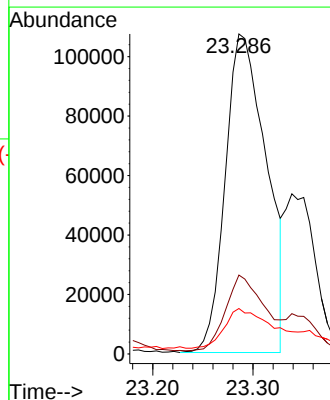
Delta R.T. -0.006 min

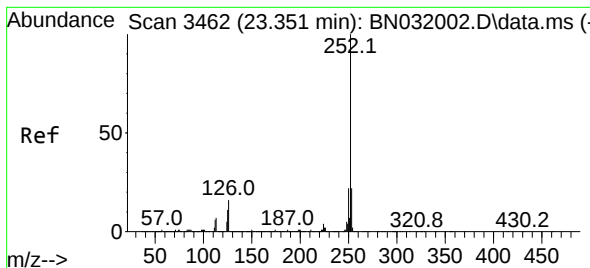
Lab File: BN032005.D

Acq: 14 Jun 2024 17:49

Tgt Ion:252 Resp: 304392

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	14.2	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 1.564 ng/ul

RT: 23.339 min Scan# 3462

Delta R.T. -0.012 min

Lab File: BN032005.D

Acq: 14 Jun 2024 17:49

Instrument :

BNA_N

ClientSampleId :

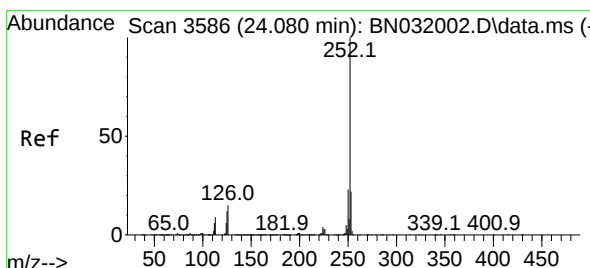
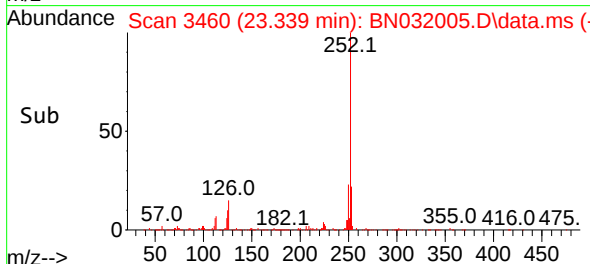
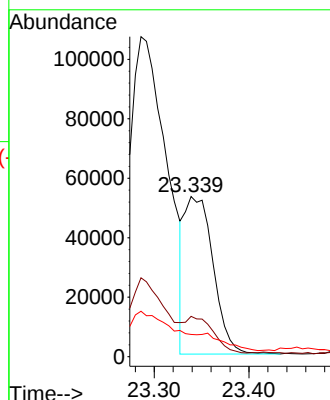
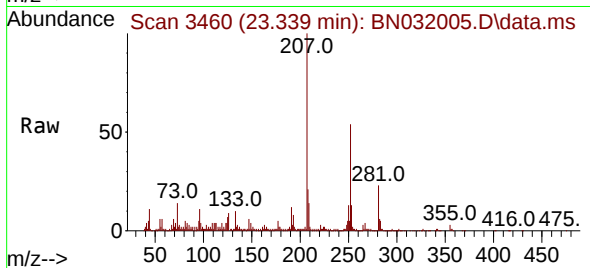
A4BN3

Tgt Ion:	252	Resp:	11083
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.6	26.4
125	13.9	9.4	14.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.437 ng/ul

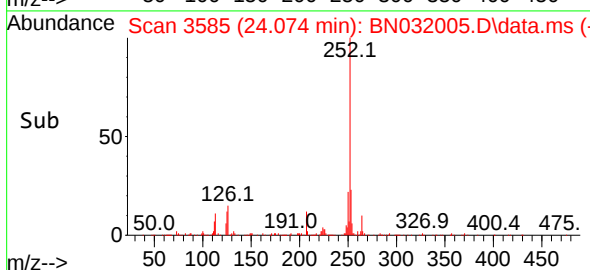
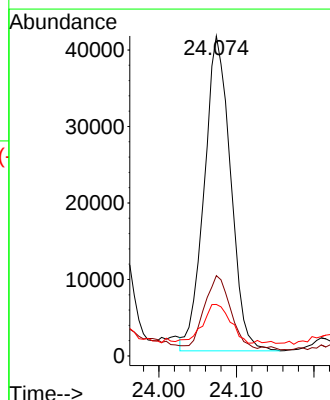
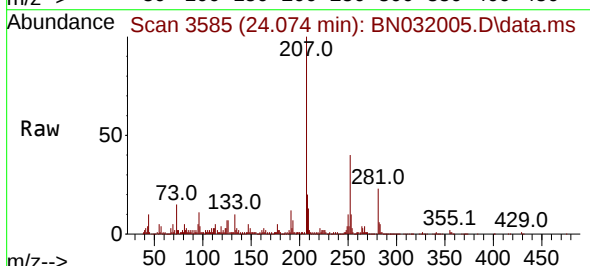
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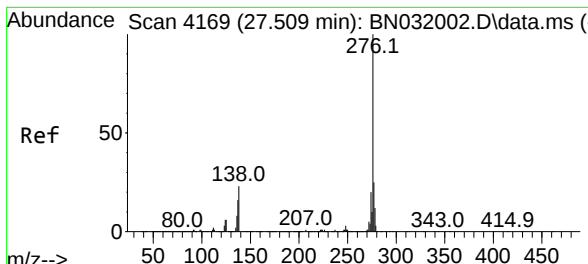
Delta R.T. -0.006 min

Lab File: BN032005.D

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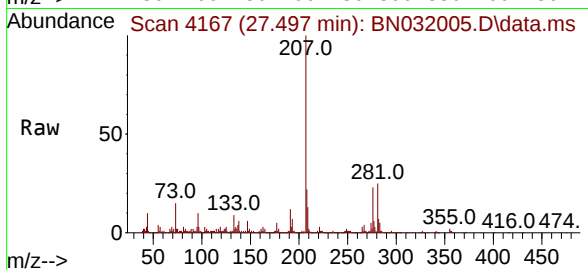
Tgt Ion:	252	Resp:	97197
Ion Ratio	Lower	Upper	
252	100		
253	25.1	16.6	24.8#
125	16.1	9.8	14.8#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.292 ng/ul m
 RT: 27.497 min Scan# 4167
 Delta R.T. -0.018 min
 Lab File: BN032005.D
 Acq: 14 Jun 2024 17:49

Instrument :
 BNA_N
 ClientSampleId :
 A4BN3



Tgt Ion: 276 Resp: 100725

Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.1	27.1
277	25.6	18.2	27.2

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