

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061724\
 Data File : BN032032.D
 Acq On : 17 Jun 2024 14:13
 Operator : MA/JU
 Sample : P2696-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/19/2024

Quant Time: Jun 17 14:59:16 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	7.646	152	268912	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.428	136	1216525	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.292	164	806587	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.045	188	1553861	20.000	ng/u1	-0.01
79) Chrysene-d12	21.286	240	952545	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1056759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	26018	4.003	ng/uL	0.00
4) Pyridine-d5	3.587	84	38955	2.129	ng/u1	0.00
7) Phenol-d5	6.828	99	572664	24.841	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	319917	23.725	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.181	132	505026	28.711	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	403354	21.464	ng/u1	-0.01
21) Nitrobenzene-d5	8.804	128	261260	28.088	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.522	143	283917	29.549	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.057	165	500970	27.928	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.575	131	350244	13.151	ng/u1	-0.01
46) Dimethylphthalate-d6	13.710	166	1613320	28.711	ng/u1	-0.01
49) Acenaphthylene-d8	13.986	160	1843867	28.538	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	234630	20.854	ng/u1	0.00
60) Fluorene-d10	15.292	176	1346804	28.327	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	188513	24.136	ng/u1	0.00
73) Anthracene-d10	17.145	188	1997997	30.034	ng/u1	0.00
81) Pyrene-d10	19.451	212	1702352	33.397	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	944790	18.723	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.852	94	24017	1.024	ng/u1#	87
72) Phenanthrene	17.086	178	342983	4.333	ng/u1	99
80) Fluoranthene	19.110	202	768226	12.611	ng/u1	96
82) Pyrene	19.480	202	500494	8.008	ng/u1	94
85) Benzo(a)anthracene	21.268	228	253153	3.971	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	94430	2.194	ng/u1	99
87) Chrysene	21.327	228	310581	5.215	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	382125	6.050	ng/u1	97
91) Benzo(k)fluoranthene	23.345	252	170434m	2.750	ng/u1	
93) Benzo(a)pyrene	24.074	252	130683	2.209	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.498	276	139834	2.051	ng/u1	93

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

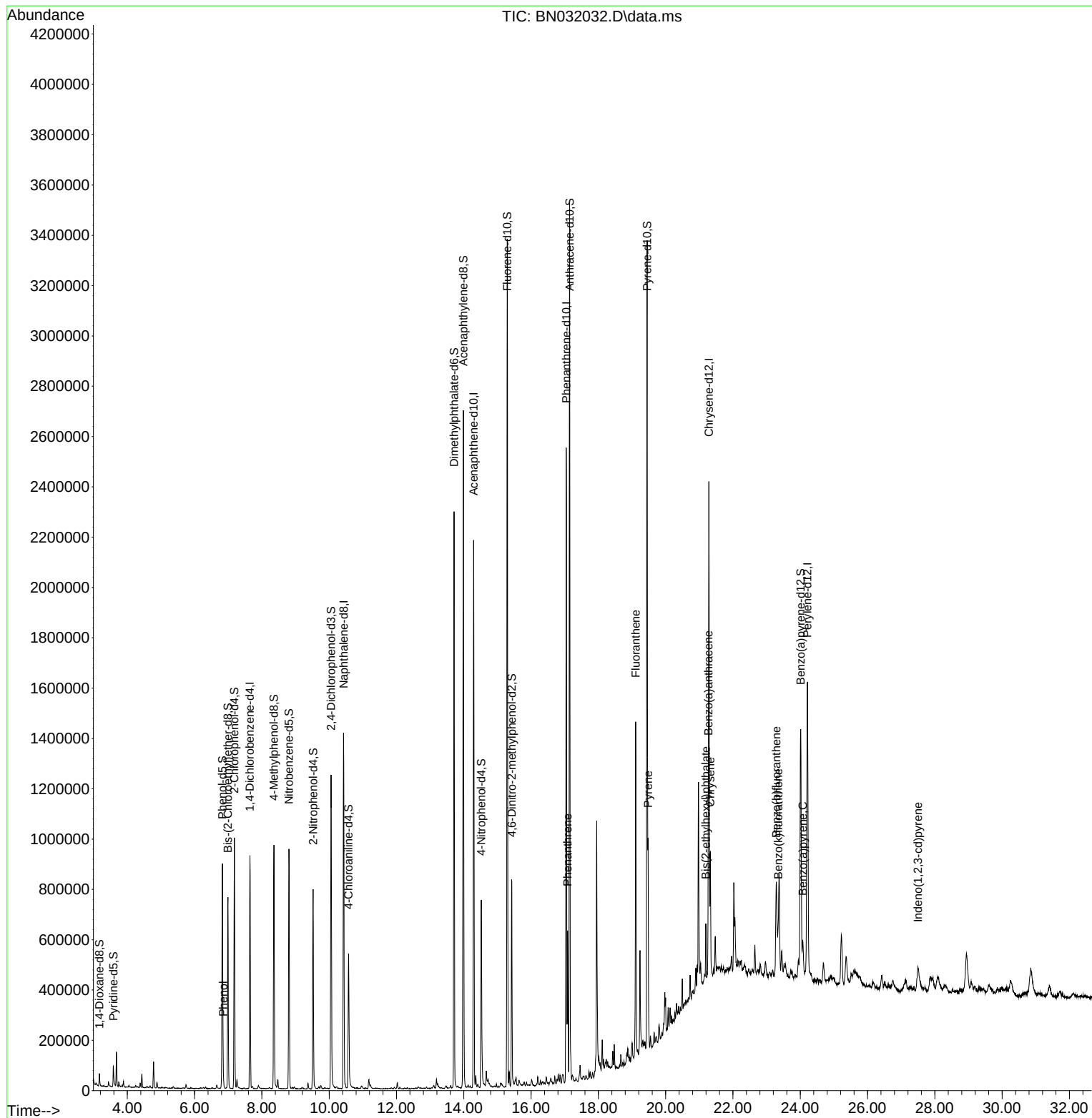
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061724\
Data File : BN032032.D
Acq On : 17 Jun 2024 14:13
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

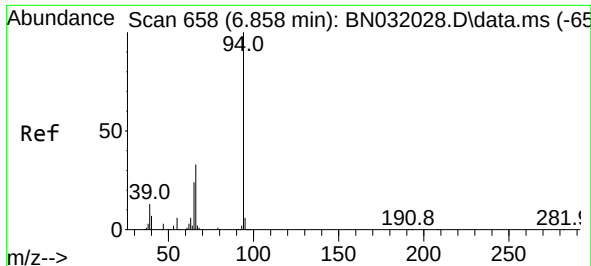
Instrument :
BNA_N
ClientSampleId :
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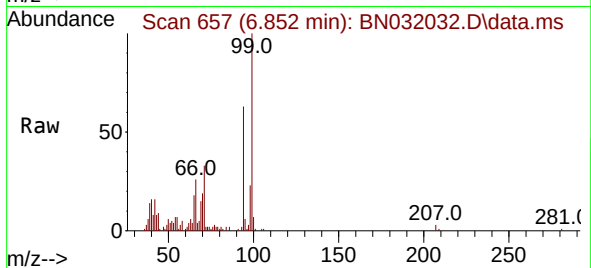
Quant Time: Jun 17 14:59:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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#8
Phenol
Concen: 1.024 ng/ul
RT: 6.852 min Scan# 657
Delta R.T. -0.012 min
Lab File: BN032032.D
Acq: 17 Jun 2024 14:13

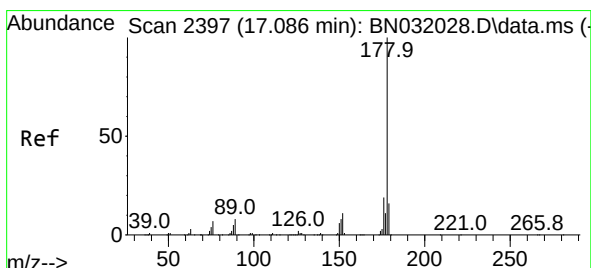
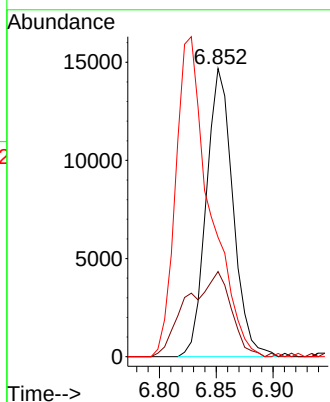
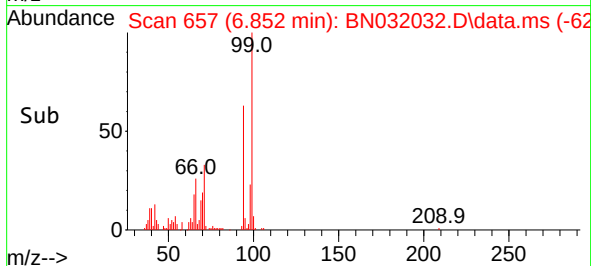
Instrument :
BNA_N
ClientSampleId :
A4BN7



Tgt Ion:	94	Resp:	2401
Ion Ratio	Lower	Upper	
94	100		
65	29.5	20.3	30.5
66	41.4	25.8	38.8

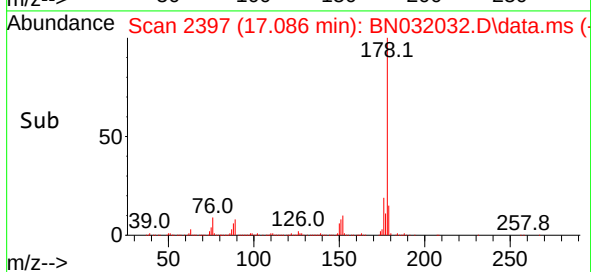
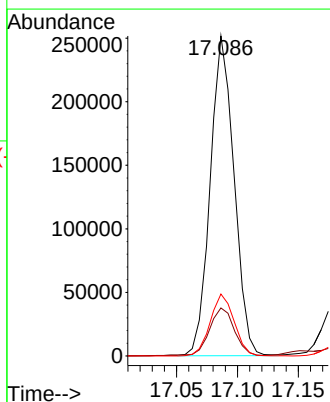
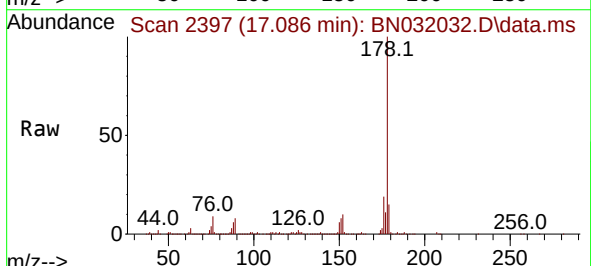
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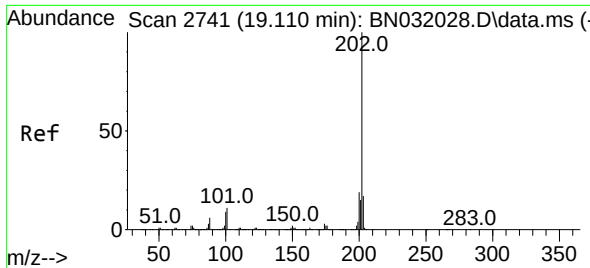
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/19/2024



#72
Phenanthrene
Concen: 4.333 ng/ul
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BN032032.D
Acq: 17 Jun 2024 14:13

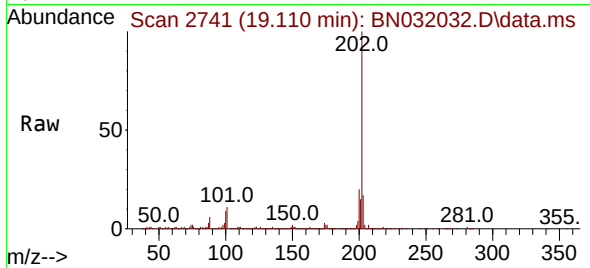
Tgt Ion:	178	Resp:	342983
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.6	19.0
176	19.3	15.8	23.6





#80
Fluoranthene
Concen: 12.611 ng/ul
RT: 19.110 min Scan# 2741
Delta R.T. -0.006 min
Lab File: BN032032.D
Acq: 17 Jun 2024 14:13

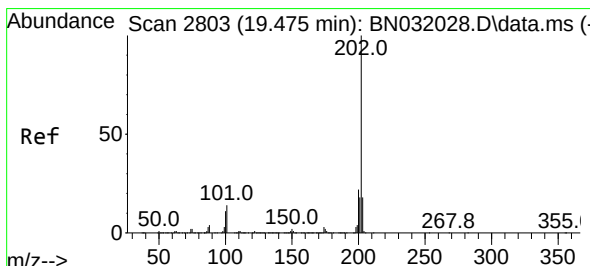
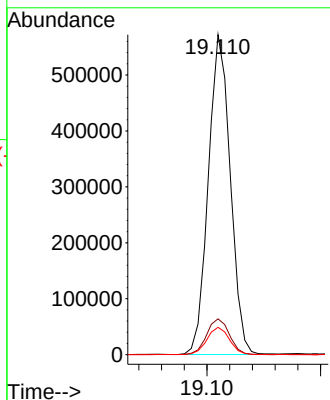
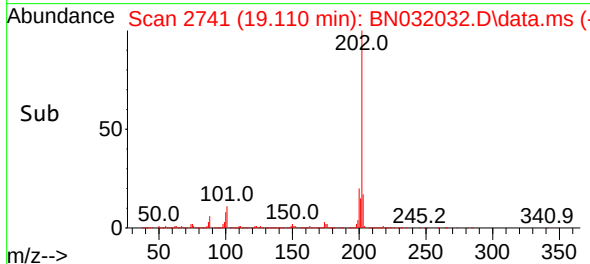
Instrument :
BNA_N
ClientSampleId :
A4BN7



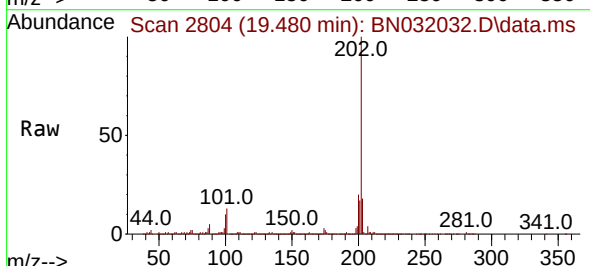
Tgt Ion:202 Resp: 768220
Ion Ratio Lower Upper
202 100
101 11.2 10.3 15.5
100 8.5 8.0 12.0

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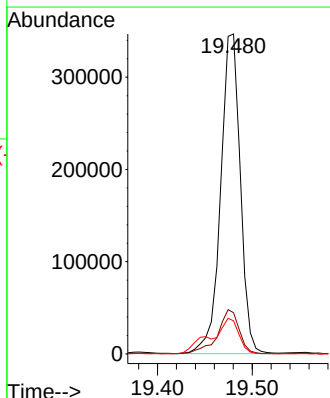
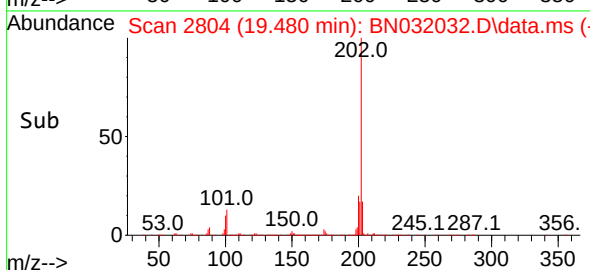
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/19/2024

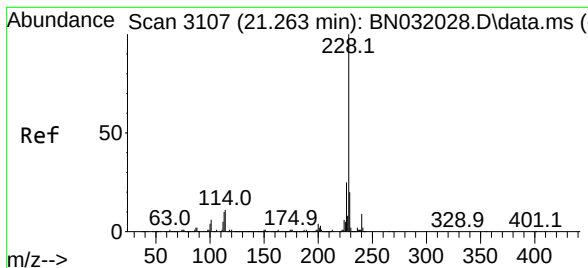


#82
Pyrene
Concen: 8.008 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN032032.D
Acq: 17 Jun 2024 14:13



Tgt Ion:202 Resp: 500494
Ion Ratio Lower Upper
202 100
101 12.9 12.6 18.8
100 10.3 10.2 15.2





#85

Benzo(a)anthracene

Concen: 3.971 ng/ul

RT: 21.268 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BN032032.D

Acq: 17 Jun 2024 14:13

Instrument :

BNA_N

ClientSampleId :

A4BN7

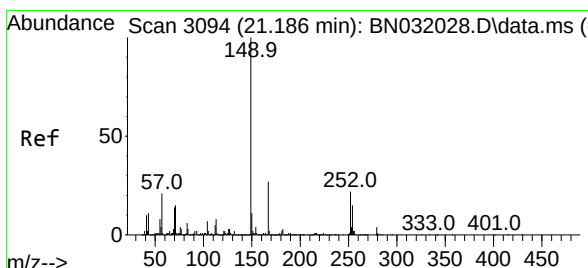
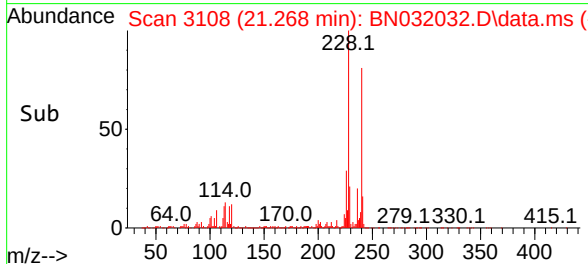
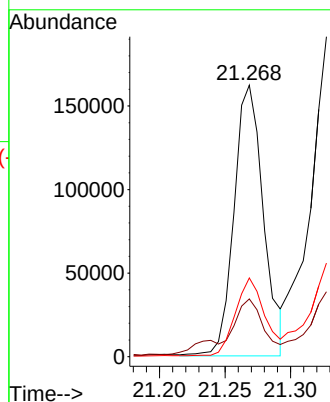
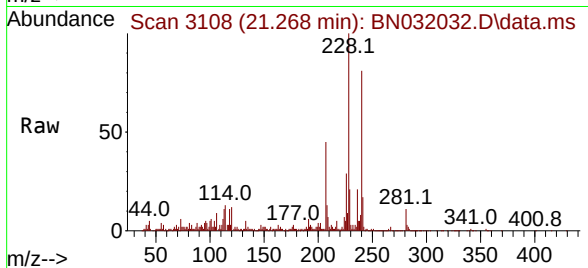
Tgt Ion:228 Resp: 25315

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.7	25.1
226	29.0	22.8	34.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.194 ng/ul

RT: 21.192 min Scan# 3095

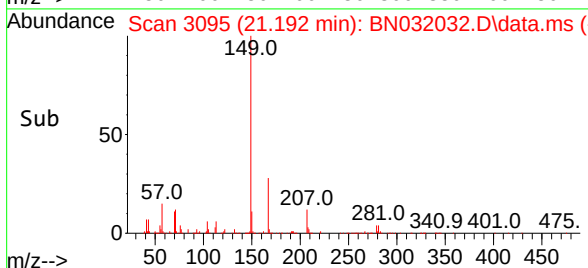
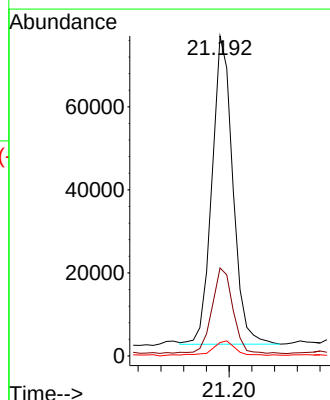
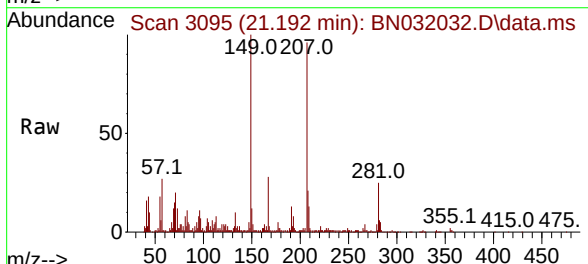
Delta R.T. -0.012 min

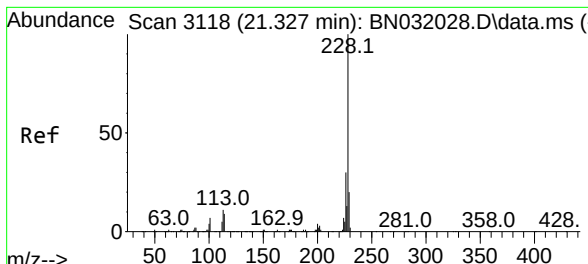
Lab File: BN032032.D

Acq: 17 Jun 2024 14:13

Tgt Ion:149 Resp: 94430

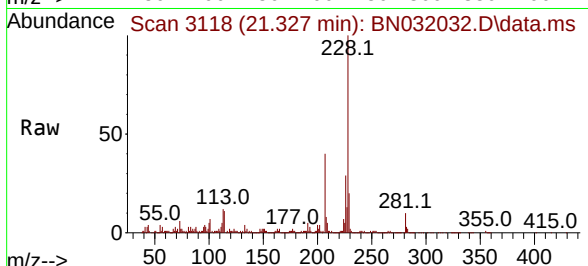
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.4	32.0
279	4.2	3.3	4.9





#87
Chrysene
 Concen: 5.215 ng/ul
 RT: 21.327 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BN032032.D
 Acq: 17 Jun 2024 14:13

Instrument :
 BNA_N
ClientSampleId :
 A4BN7

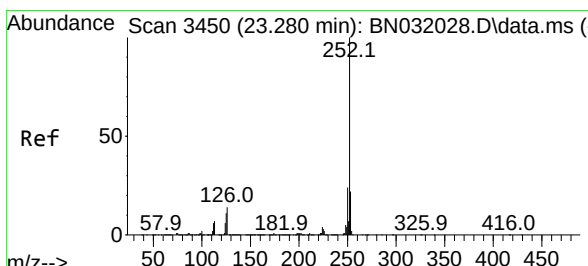
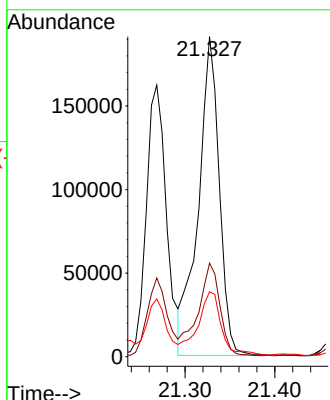
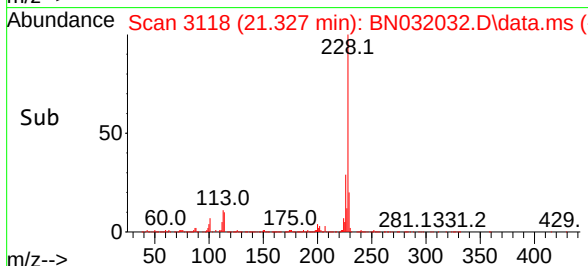


Tgt Ion: 228 Resp: 31058

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	20.3	15.1	22.7

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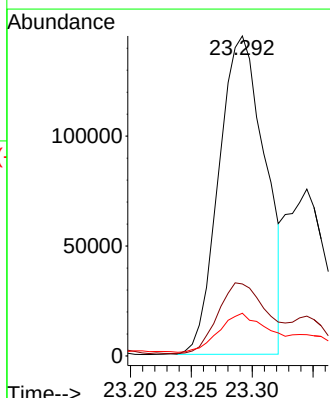
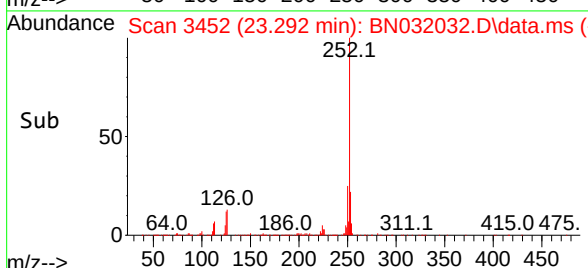
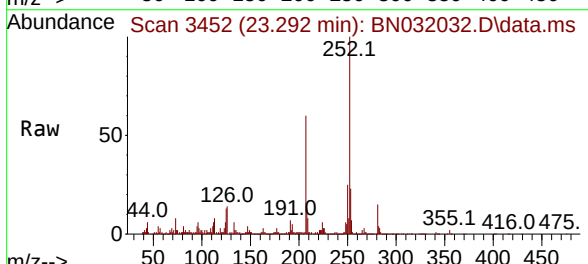
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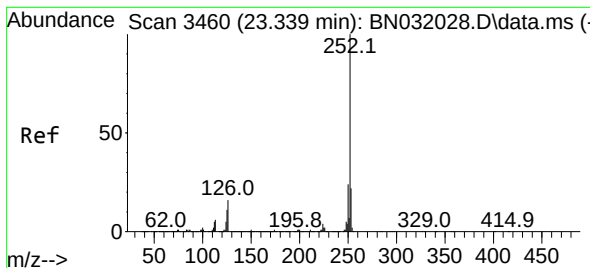


#90
Benzo(b)fluoranthene
 Concen: 6.050 ng/ul
 RT: 23.292 min Scan# 3452
 Delta R.T. 0.000 min
 Lab File: BN032032.D
 Acq: 17 Jun 2024 14:13

Tgt Ion: 252 Resp: 382125

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	13.4	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 2.750 ng/ul m

RT: 23.345 min Scan# 34

Delta R.T. -0.006 min

Lab File: BN032032.D

Acq: 17 Jun 2024 14:13

Instrument :

BNA_N

ClientSampleId :

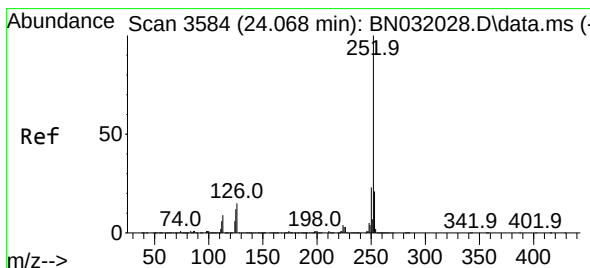
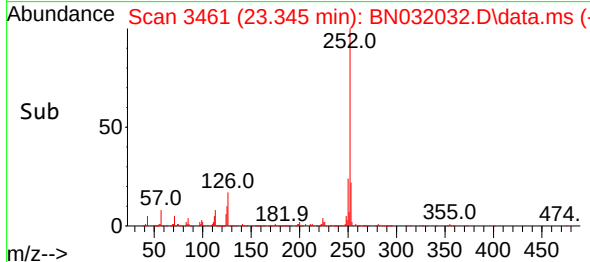
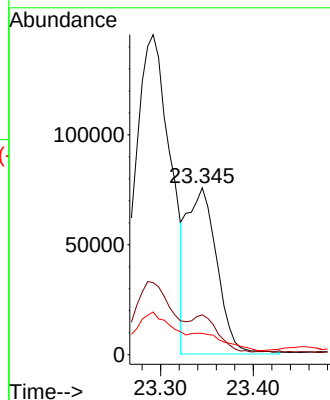
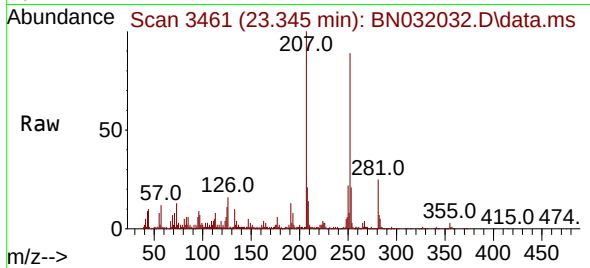
A4BN7

Tgt Ion:252 Resp: 170434
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.6 26.4
 125 12.7 9.4 14.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.209 ng/ul

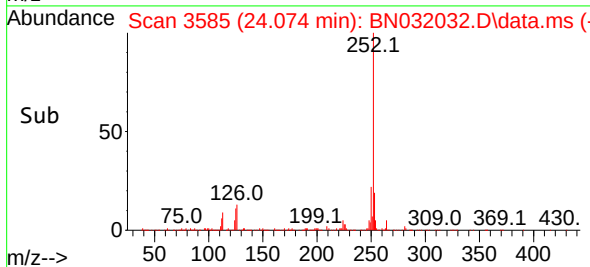
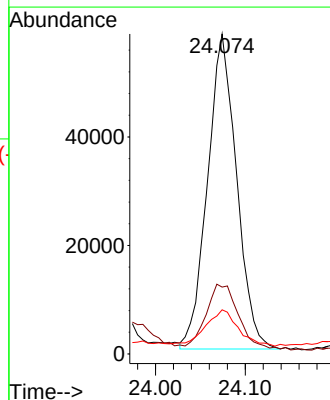
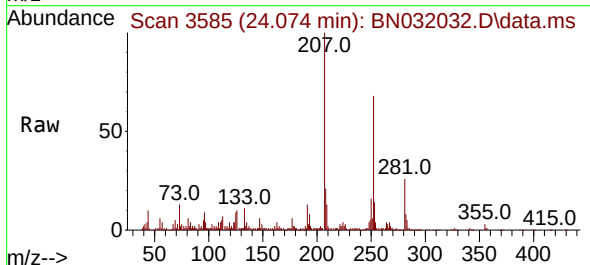
RT: 24.074 min Scan# 3585

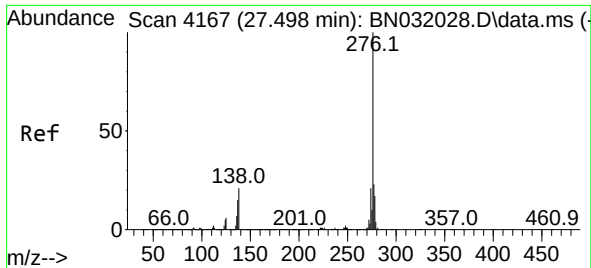
Delta R.T. -0.006 min

Lab File: BN032032.D

Acq: 17 Jun 2024 14:13

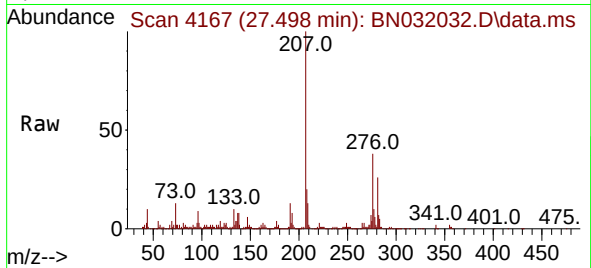
Tgt Ion:252 Resp: 130683
 Ion Ratio Lower Upper
 252 100
 253 20.9 16.6 24.8
 125 13.8 9.8 14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.051 ng/ul
 RT: 27.498 min Scan# 4167
 Delta R.T. -0.018 min
 Lab File: BN032032.D
 Acq: 17 Jun 2024 14:13

Instrument :
 BNA_N
 ClientSampleId :
 A4BN7



Tgt Ion: 276 Resp: 139834

Ion	Ratio	Lower	Upper
276	100		
138	27.0	18.1	27.1
277	25.3	18.2	27.2

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