

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036063.D
 Acq On : 28 Jan 2025 07:38
 Operator : RC/JU
 Sample : Q1174-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2937

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 08:00:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2871	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	6630	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	8998	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.195	188	8997m	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	8557	0.400	ng/ul	# 0.00
23) Perylene-d12	23.677	264	7763m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	12448	3.960	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3997	0.477	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	8589	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	12786	3.810	ng/ul	91
5) Naphthalene	10.655	128	15980	0.875	ng/ul	97
7) 2-Methylnaphthalene	12.271	142	22002	1.939	ng/ul	98
8) 1-Methylnaphthalene	12.491	142	20167	1.751	ng/ul	97
11) Acenaphthene	14.515	153	2356	0.075	ng/ul	95
12) Fluorene	15.500	166	5613	0.163	ng/ul#	80
14) Pentachlorophenol	16.853	266	4143	1.314	ng/ul	99
15) Phenanthrene	17.238	178	12042	0.457	ng/ul#	73
19) Fluoranthene	19.252	202	1886	0.058	ng/ul#	22
21) Benzo(a)anthracene	21.362	228	1081	0.035	ng/ul#	1
22) Chrysene	21.415	228	1236	0.040	ng/ul#	1

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

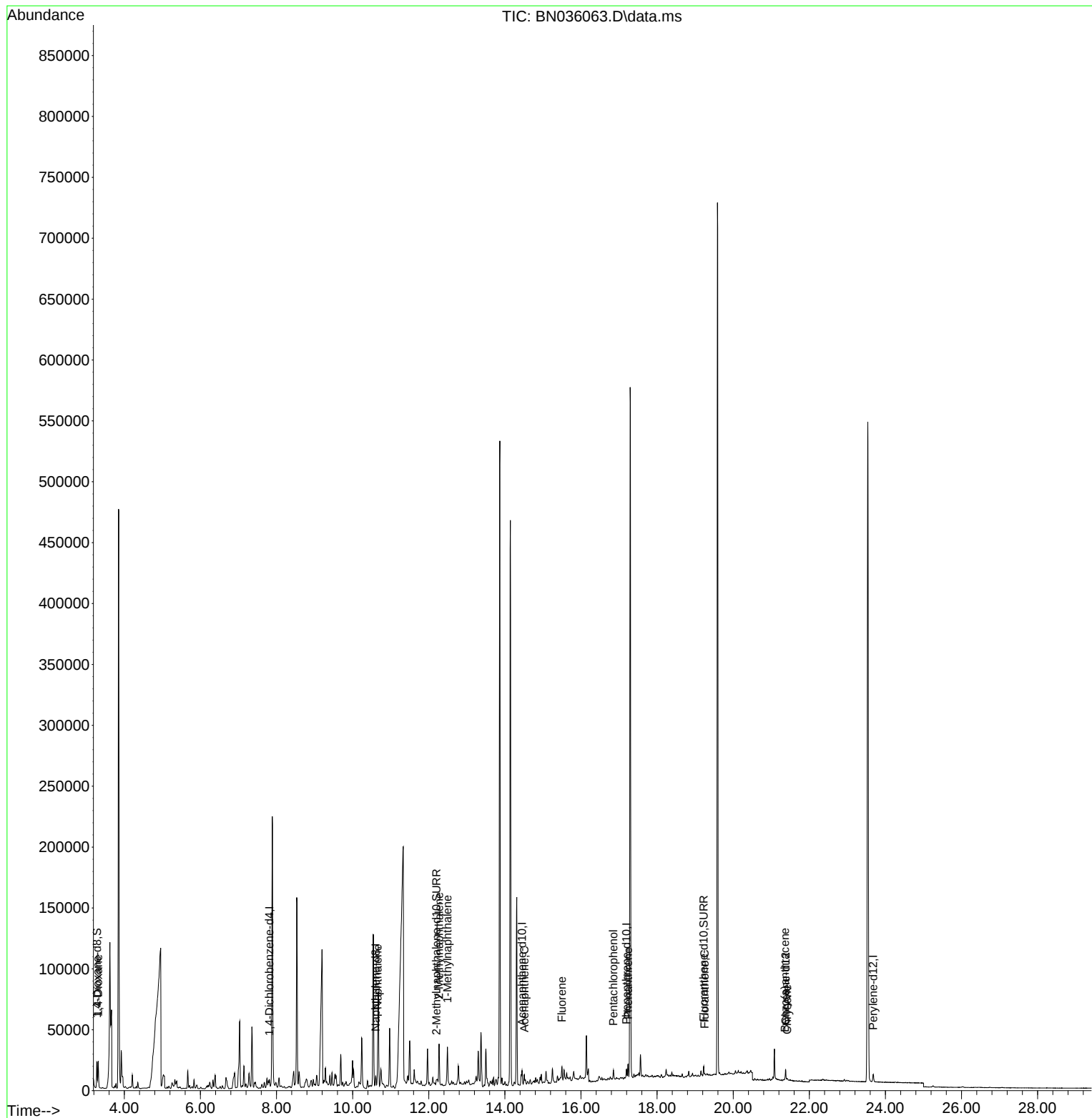
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036063.D
Acq On : 28 Jan 2025 07:38
Operator : RC/JU
Sample : Q1174-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

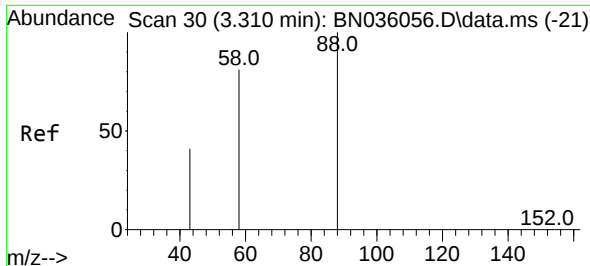
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 3.810 ng/ul

RT: 3.314 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN036063.D

Acq: 28 Jan 2025 07:38

Instrument :

BNA_N

ClientSampleId :

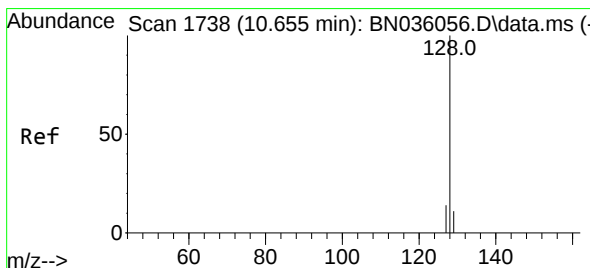
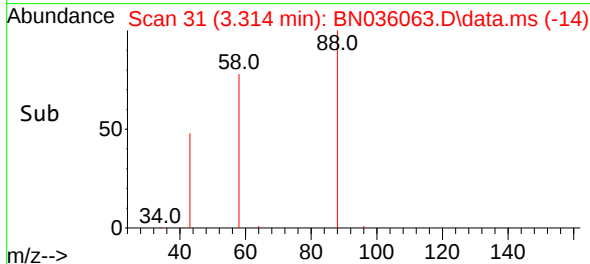
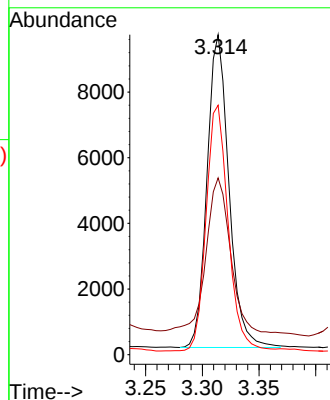
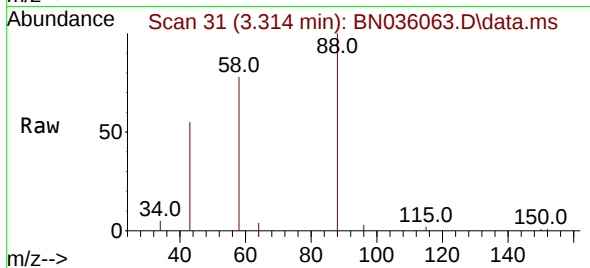
E2937

Tgt Ion: 88 Resp: 12780
 Ion Ratio Lower Upper
 88 100
 43 55.2 40.7 61.1
 58 78.0 55.2 82.8

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#5

Naphthalene

Concen: 0.875 ng/ul

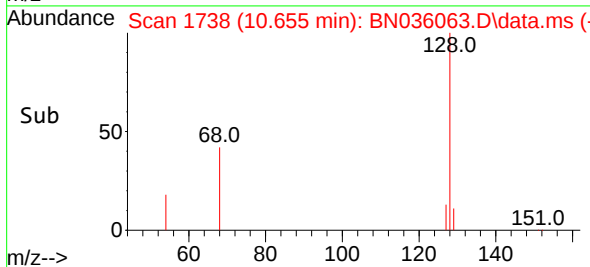
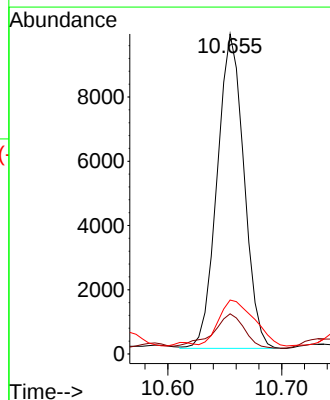
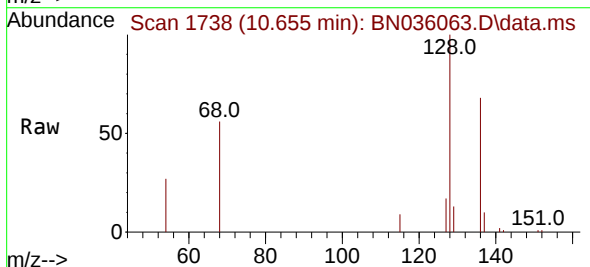
RT: 10.655 min Scan# 1738

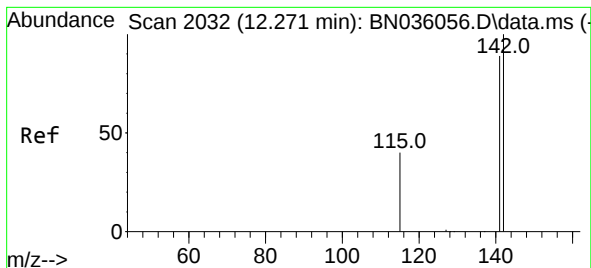
Delta R.T. -0.000 min

Lab File: BN036063.D

Acq: 28 Jan 2025 07:38

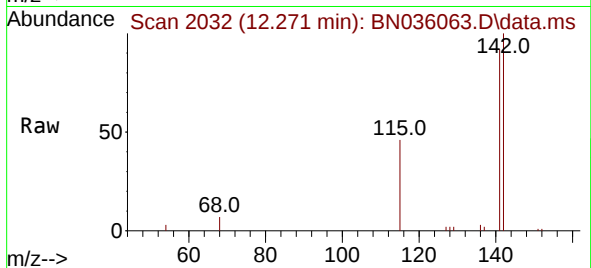
Tgt Ion:128 Resp: 15980
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.6 14.4
 127 16.9 12.0 18.0





#7
2-Methylnaphthalene
Concen: 1.939 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38

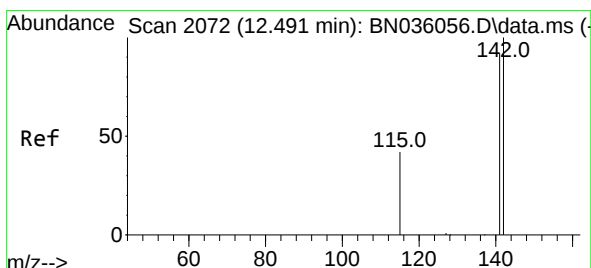
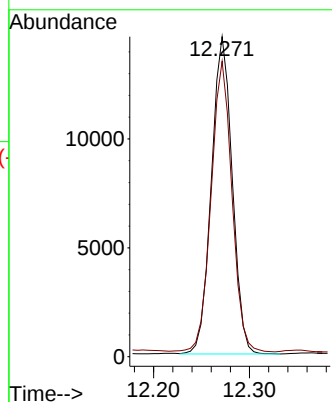
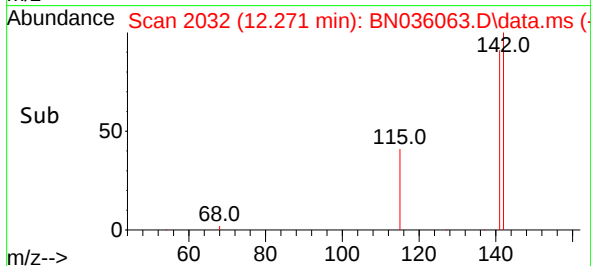
Instrument :
BNA_N
ClientSampleId :
E2937



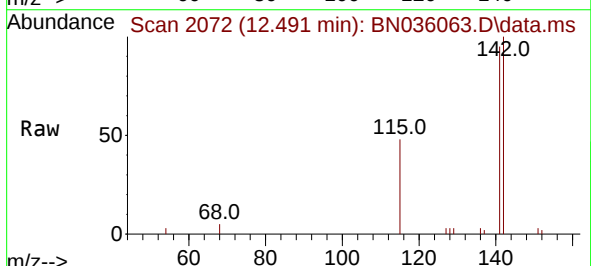
Tgt Ion:142 Resp: 2200
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9

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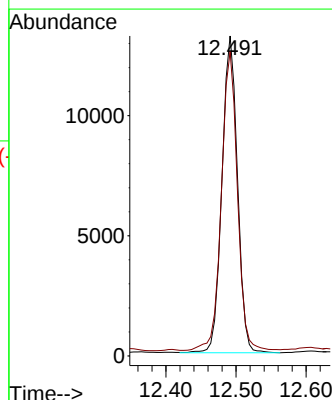
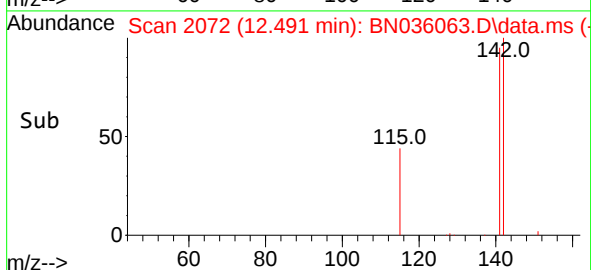
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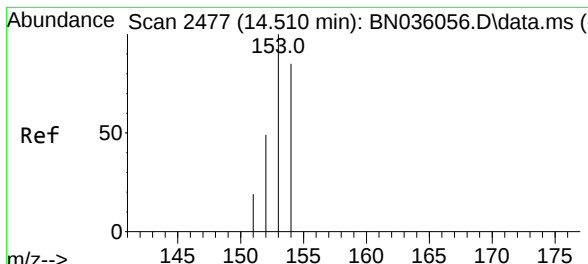


#8
1-Methylnaphthalene
Concen: 1.751 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38



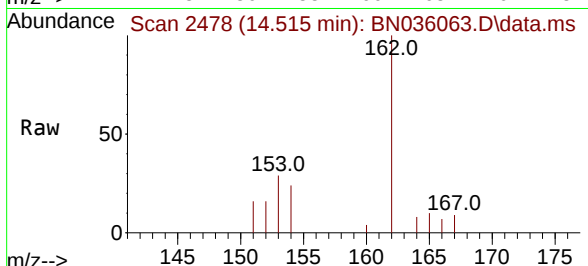
Tgt Ion:142 Resp: 20167
Ion Ratio Lower Upper
142 100
141 97.0 75.2 112.8





#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.515 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38

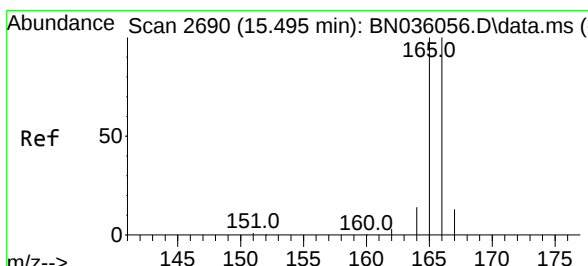
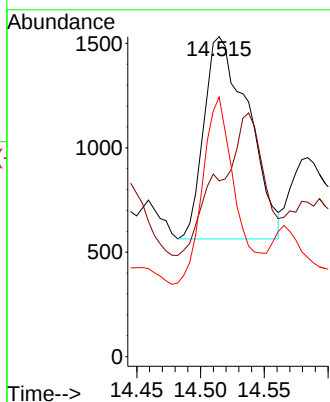
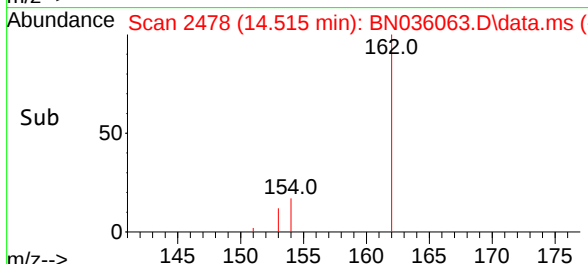
Instrument :
BNA_N
ClientSampleId :
E2937



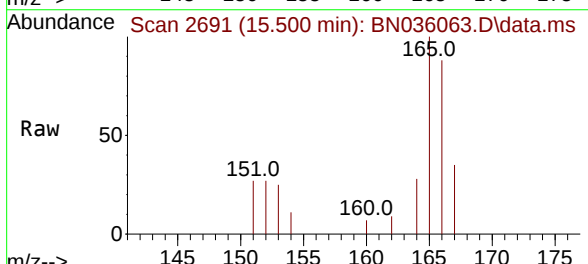
Tgt Ion:153 Resp: 2350
Ion Ratio Lower Upper
153 100
152 55.0 43.2 64.8
154 81.1 70.5 105.7

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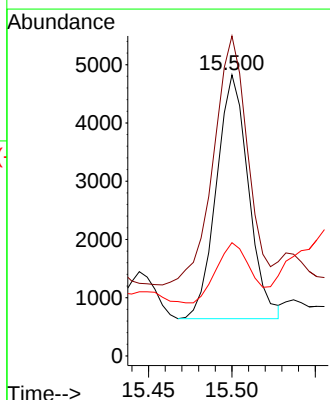
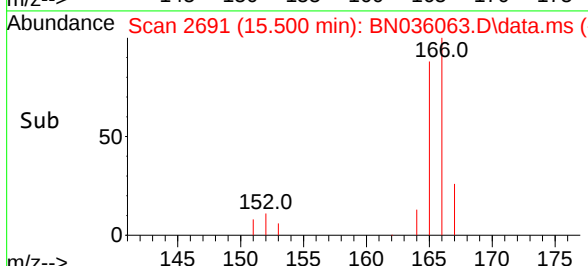
Reviewed By :Jagrut Upadhyay 01/28/2025
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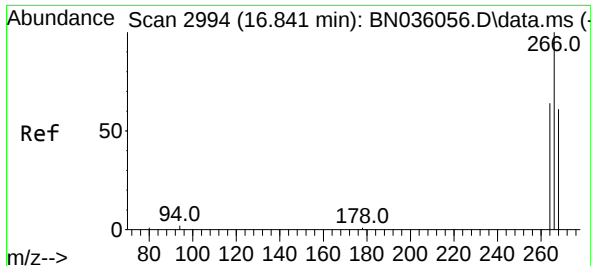


#12
Fluorene
Concen: 0.163 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38



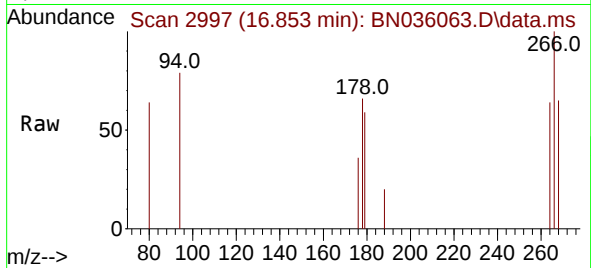
Tgt Ion:166 Resp: 5613
Ion Ratio Lower Upper
166 100
165 113.8 80.3 120.5
167 40.3 12.3 18.5





#14
Pentachlorophenol
Concen: 1.314 ng/ul
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38

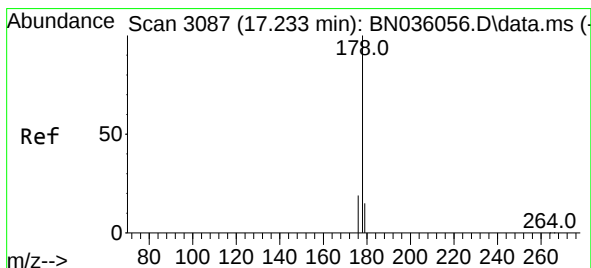
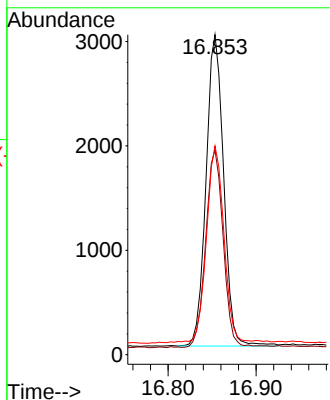
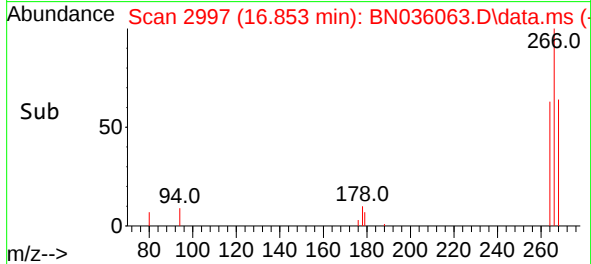
Instrument :
BNA_N
ClientSampleId :
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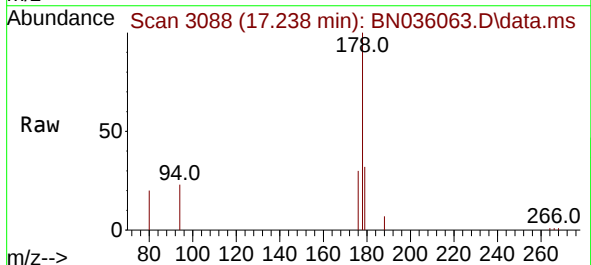
Tgt Ion:266 Resp: 414
Ion Ratio Lower Upper
266 100
264 63.4 50.6 75.8
268 64.3 50.6 75.8

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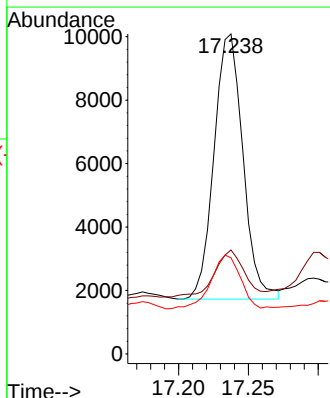
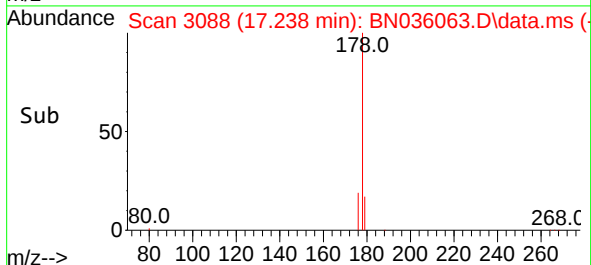
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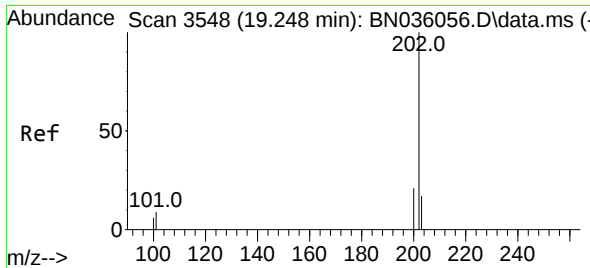


#15
Phenanthrene
Concen: 0.457 ng/ul
RT: 17.238 min Scan# 3088
Delta R.T. 0.004 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38



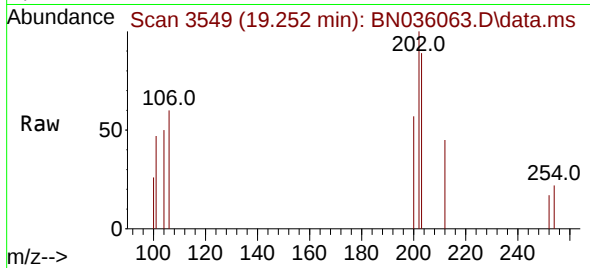
Tgt Ion:178 Resp: 12042
Ion Ratio Lower Upper
178 100
179 32.5 13.2 19.8#
176 30.0 16.8 25.2#





#19
Fluoranthene
Concen: 0.058 ng/u1
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38

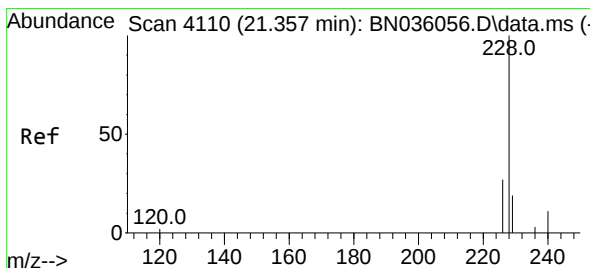
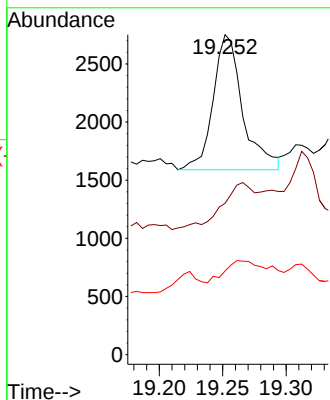
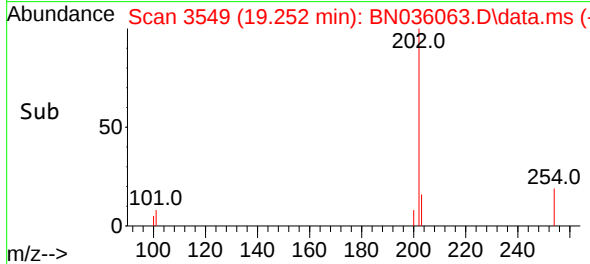
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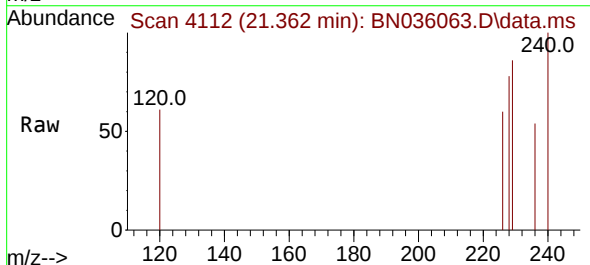
Tgt Ion:202 Resp: 1880
Ion Ratio Lower Upper
202 100
101 47.3 8.4 12.6
100 26.1 6.5 9.7

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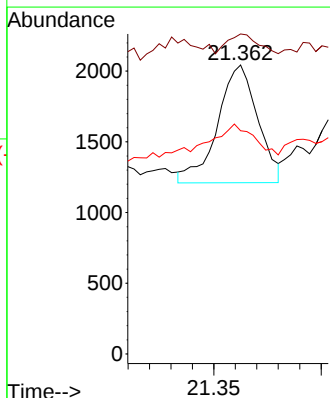
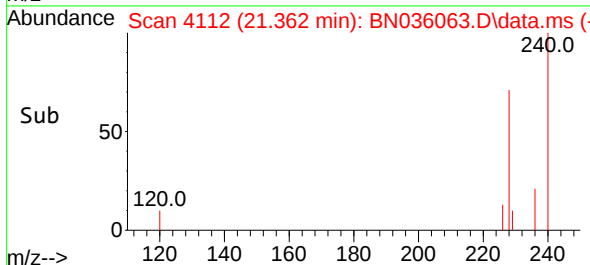
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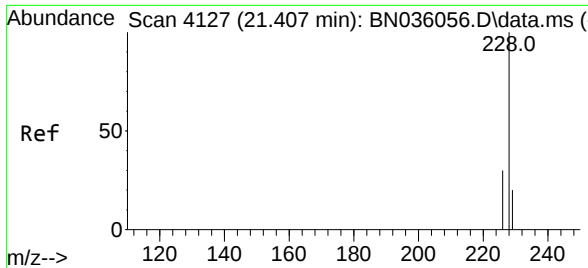


#21
Benzo(a)anthracene
Concen: 0.035 ng/u1
RT: 21.362 min Scan# 4112
Delta R.T. 0.009 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38



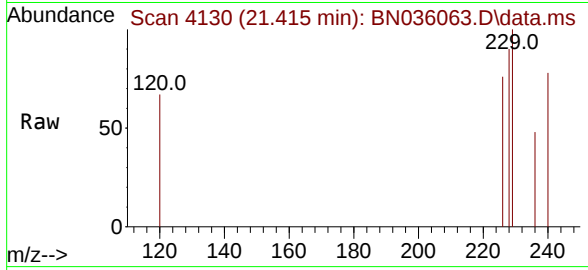
Tgt Ion:228 Resp: 1081
Ion Ratio Lower Upper
228 100
229 110.7 15.9 23.9#
226 77.3 22.8 34.2#





#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.415 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN036063.D
Acq: 28 Jan 2025 07:38

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 228 Resp: 1230

Ion	Ratio	Lower	Upper
228	100		
226	84.5	24.4	36.6
229	110.7	15.9	23.9

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