

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024213.D
 Acq On : 09 Mar 2023 23:22
 Operator : CG/JU
 Sample : 01746-08DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE2DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 02:26:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8701	0.400	ng/u1	0.00
4) Naphthalene-d8	10.872	136	26411	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	15405	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	31367	0.400	ng/u1	0.00
17) Chrysene-d12	21.612	240	20812	0.400	ng/u1	0.00
23) Perylene-d12	24.129	264	14856	0.400	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3735	0.390	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2306	0.073	ng/u1	0.00
18) Fluoranthene-d10	19.450	212	5332	0.096	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	3405883	51.664	ng/u1	100
7) 2-Methylnaphthalene	12.522	142	218283	5.458	ng/u1	100
8) 1-Methylnaphthalene	12.742	142	192094	4.570	ng/u1	100
10) Acenaphthylene	14.407	152	36144	0.562	ng/u1	98
11) Acenaphthene	14.749	153	336293	6.791	ng/u1	98
12) Fluorene	15.735	166	130362	2.357	ng/u1	100
14) Pentachlorophenol	17.076	266	53965	6.194	ng/u1#	73
15) Phenanthrene	17.472	178	282998	3.150	ng/u1	100
16) Anthracene	17.565	178	23362	0.296	ng/u1	99
19) Fluoranthene	19.483	202	9647	0.116	ng/u1	98
20) Pyrene	19.845	202	5159m	0.061	ng/u1	

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

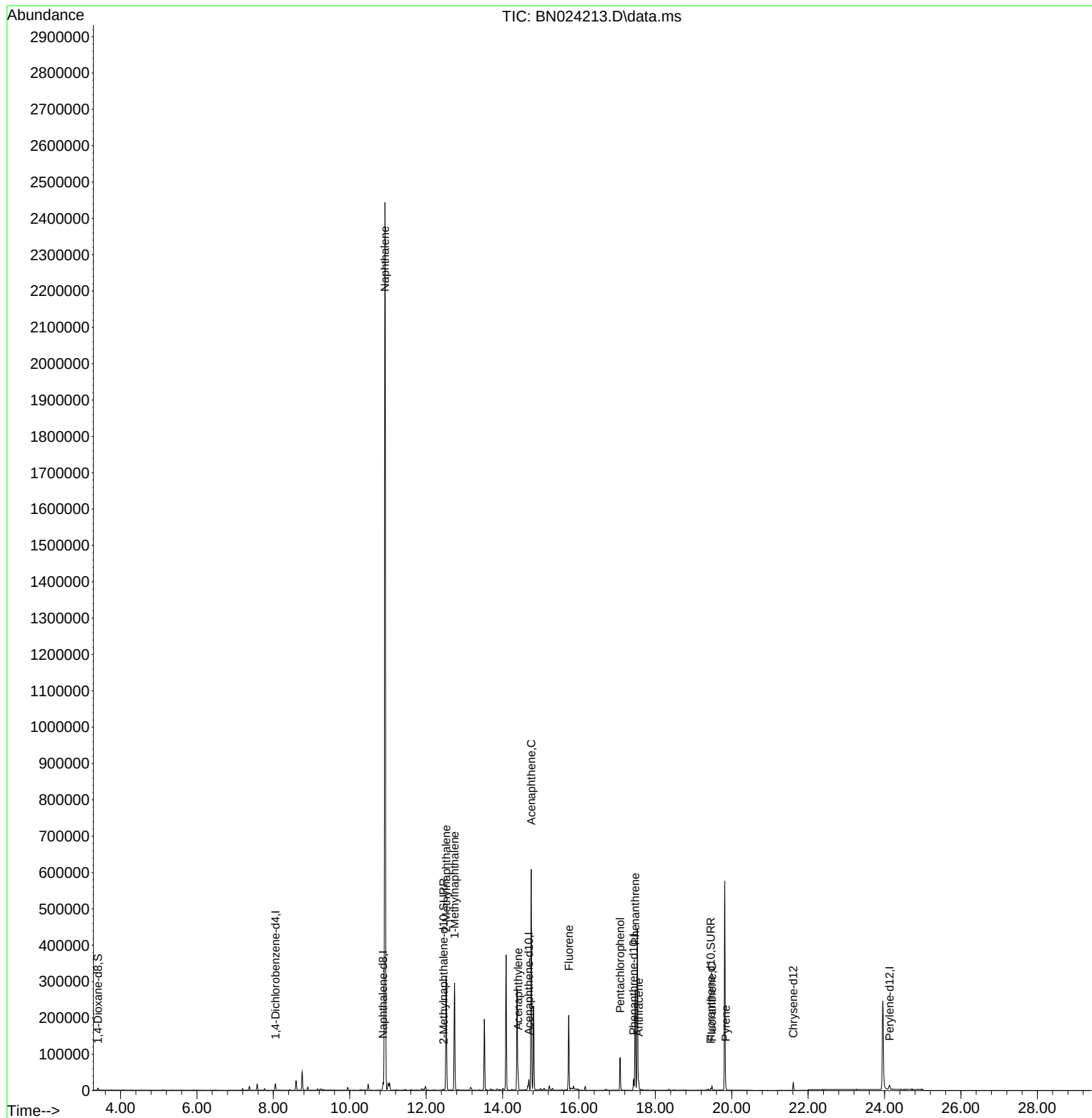
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024213.D
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ALS Vial : 52 Sample Multiplier: 1

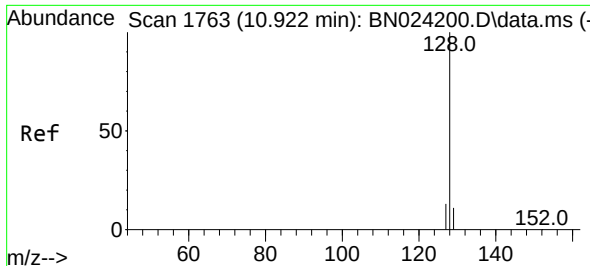
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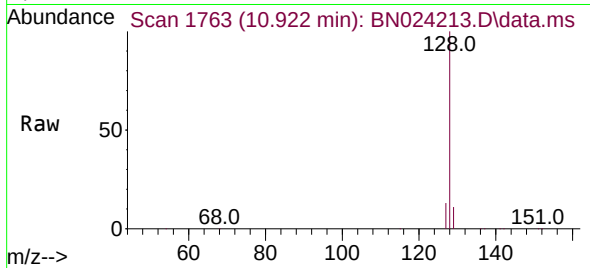
Quant Time: Mar 10 02:26:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
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#5
Naphthalene
Concen: 51.664 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

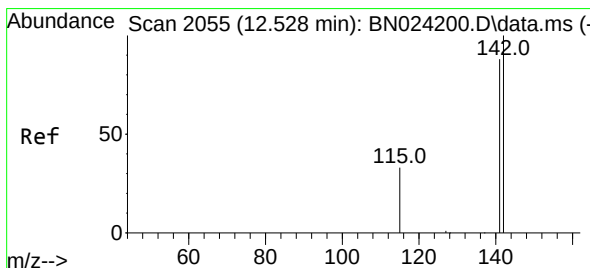
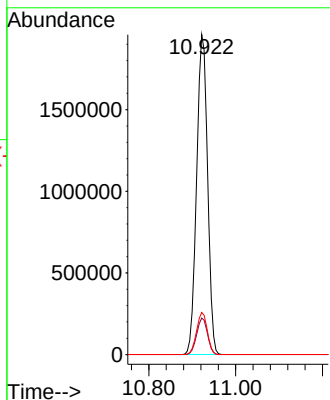
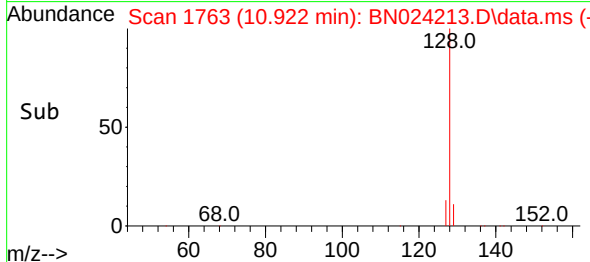
Instrument :
BNA_N
ClientSampleId :
DCAE2DL



Tgt Ion:128 Resp: 3405883
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.5 15.7

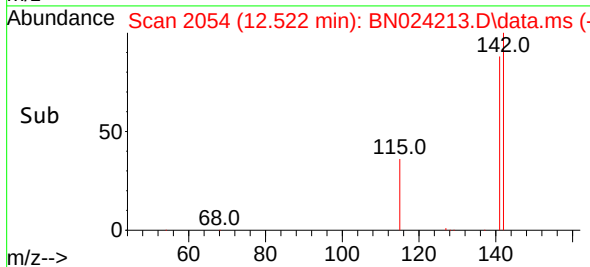
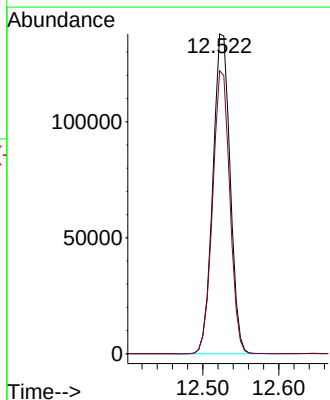
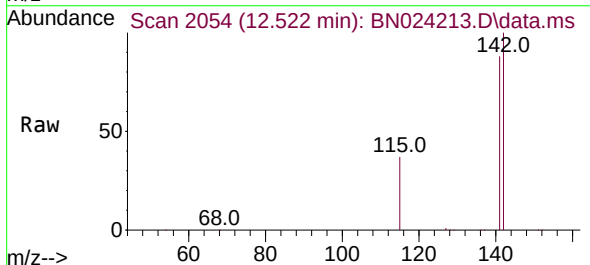
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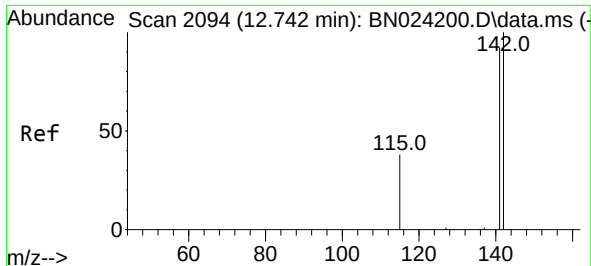
Reviewed By :Christian Giraldo 03/10/2023
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#7
2-Methylnaphthalene
Concen: 5.458 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

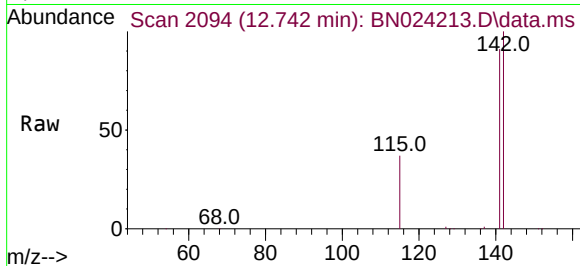
Tgt Ion:142 Resp: 218283
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 4.570 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

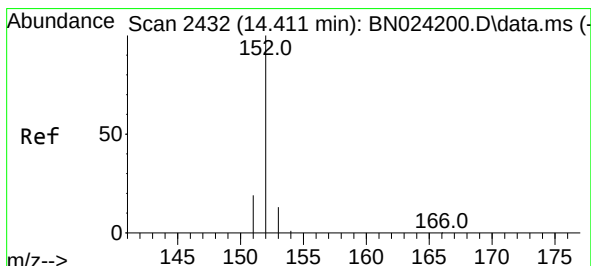
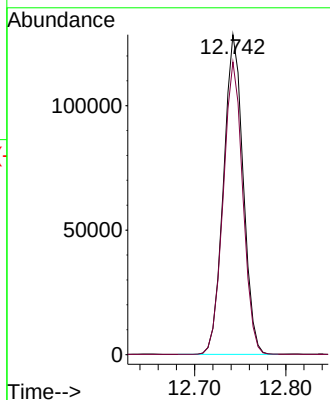
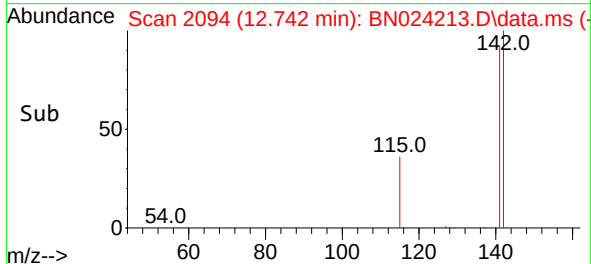
Instrument :
BNA_N
ClientSampleId :
DCAE2DL



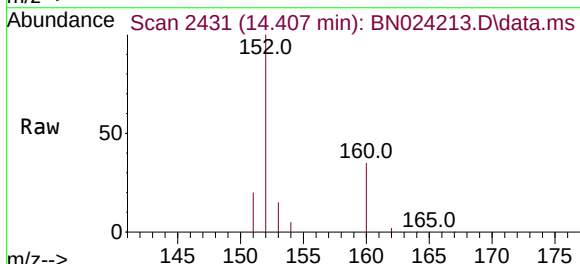
Tgt Ion:142 Resp: 192094
Ion Ratio Lower Upper
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141 91.4 73.0 109.6

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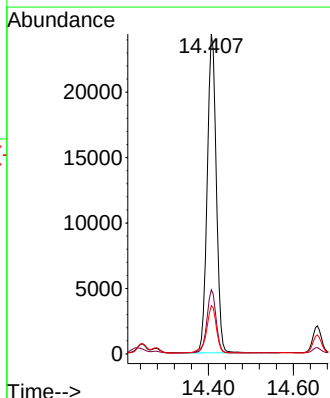
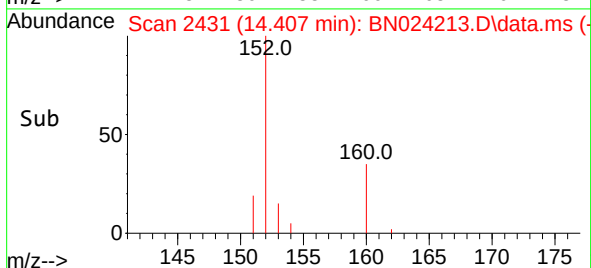
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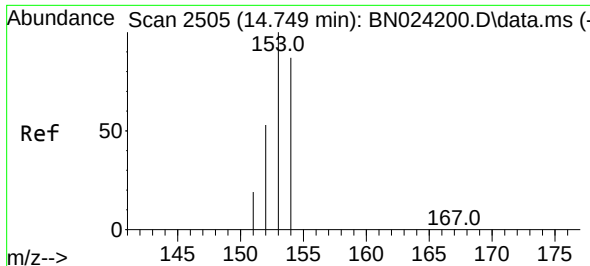


#10
Acenaphthylene
Concen: 0.562 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22



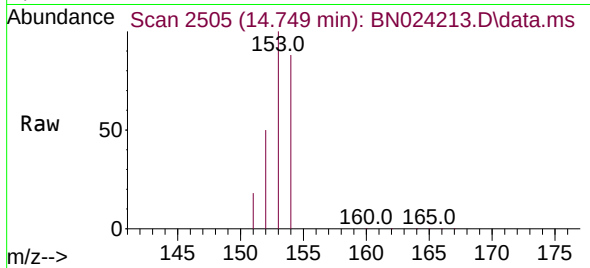
Tgt Ion:152 Resp: 36144
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 15.1 10.6 16.0





#11
Acenaphthene
Concen: 6.791 ng/uI
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

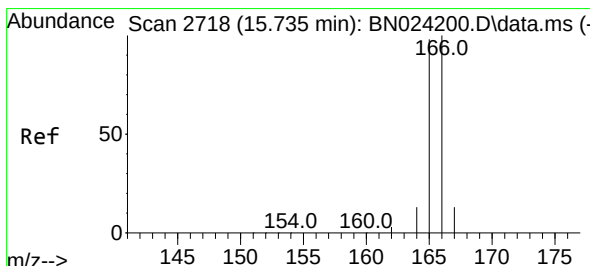
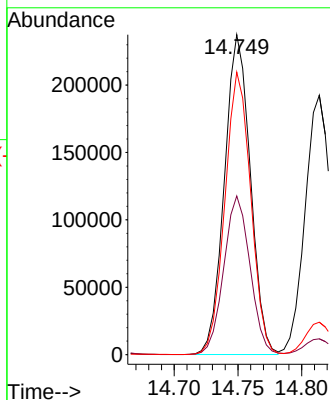
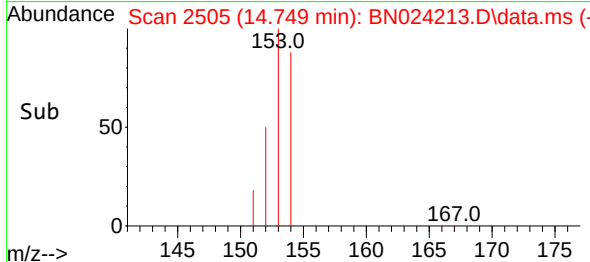
Instrument :
BNA_N
ClientSampleId :
DCAE2DL



Tgt Ion:153 Resp: 336293
Ion Ratio Lower Upper
153 100
152 49.6 42.6 64.0
154 88.3 70.6 105.8

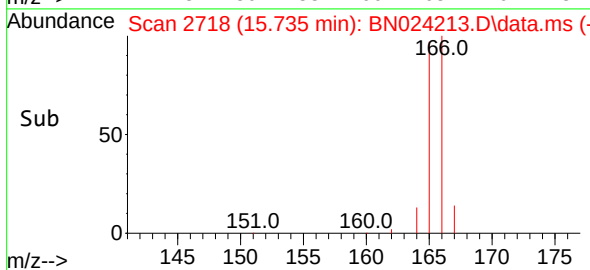
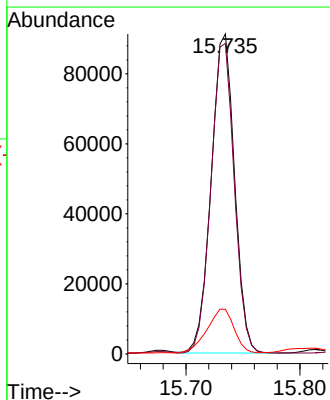
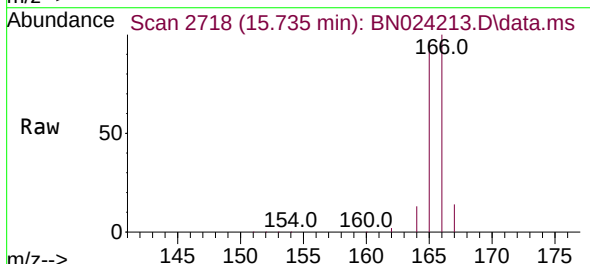
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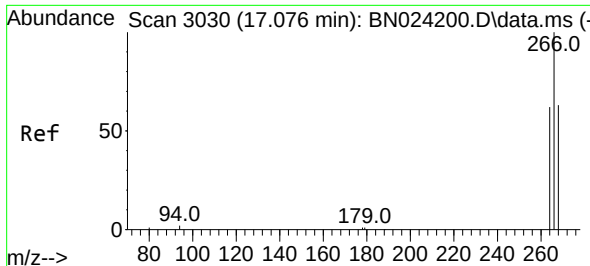
Reviewed By :Christian Giraldo 03/10/2023
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#12
Fluorene
Concen: 2.357 ng/uI
RT: 15.735 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

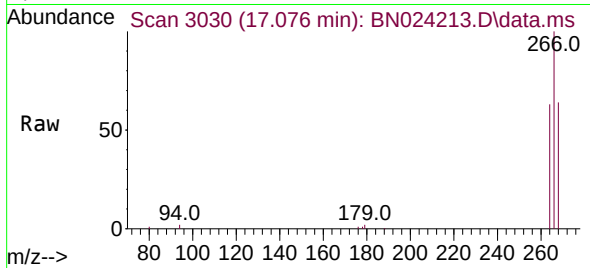
Tgt Ion:166 Resp: 130362
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.0
167 13.9 10.9 16.3





#14
Pentachlorophenol
Concen: 6.194 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

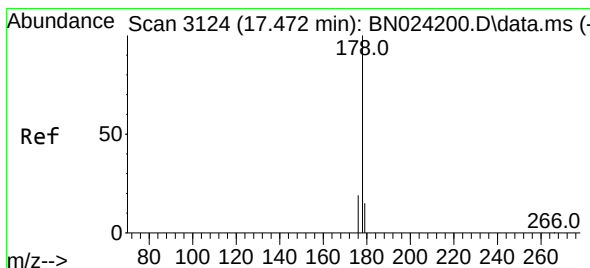
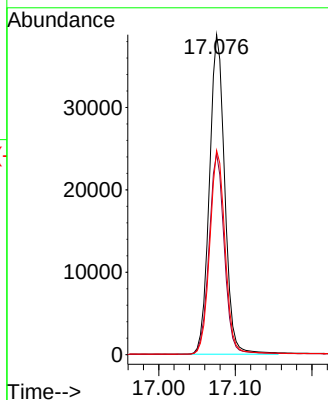
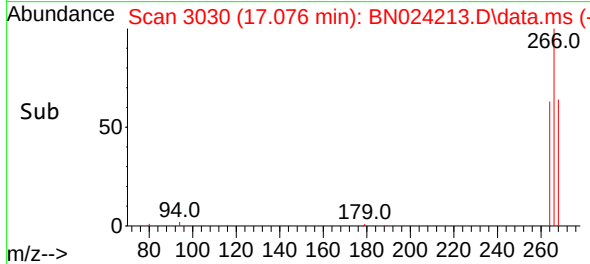
Instrument :
BNA_N
ClientSampleId :
DCAE2DL



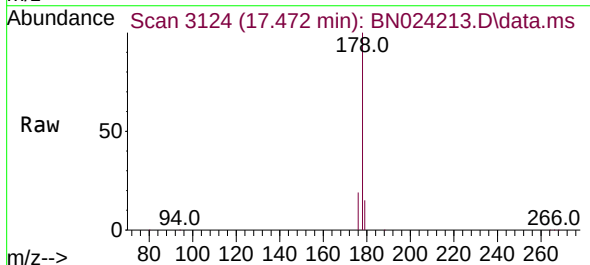
Tgt Ion:266 Resp: 53965
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0
268 63.9 0.1 0.1

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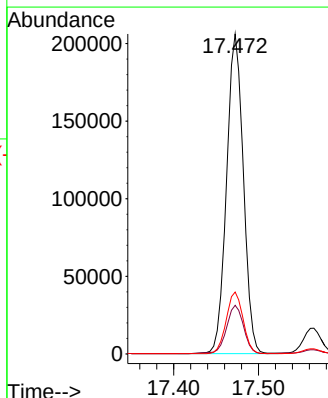
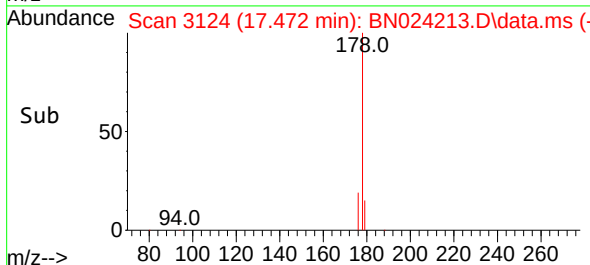
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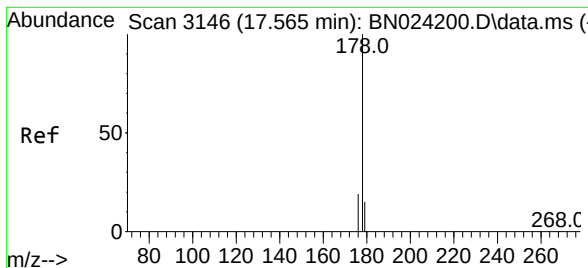


#15
Phenanthrene
Concen: 3.150 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22



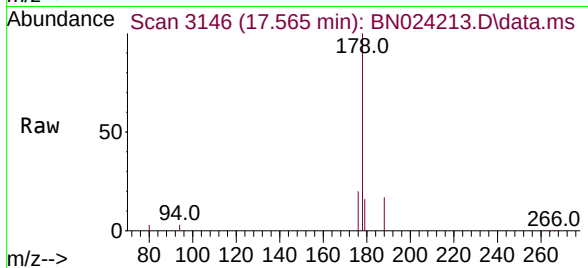
Tgt Ion:178 Resp: 282998
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.3 15.7 23.5





#16
 Anthracene
 Concen: 0.296 ng/ul
 RT: 17.565 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN024213.D
 Acq: 09 Mar 2023 23:22

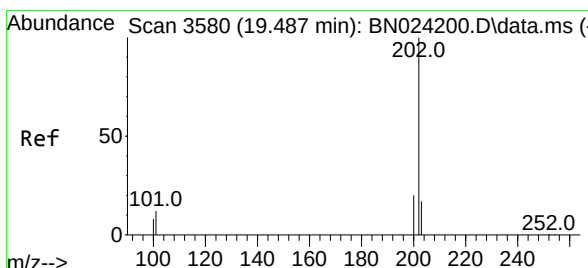
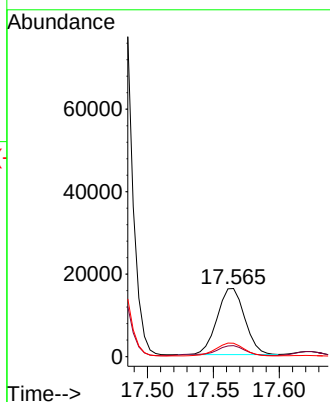
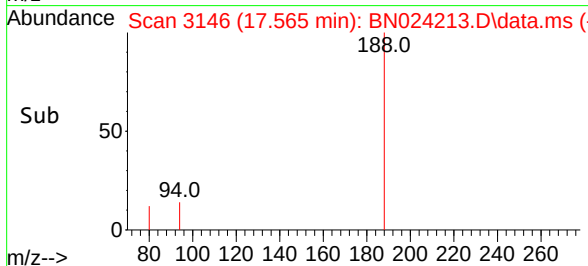
Instrument :
 BNA_N
 ClientSampleId :
 DCAE2DL



Tgt Ion:178 Resp: 23362
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 19.6 15.3 22.9

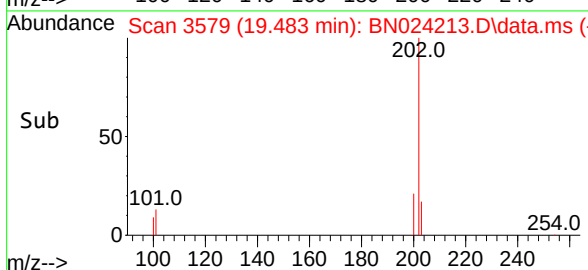
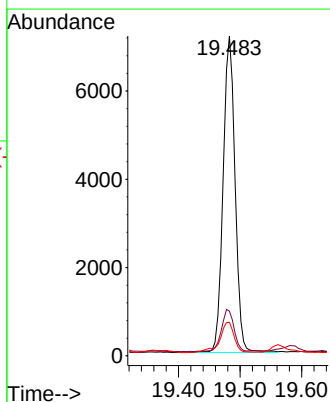
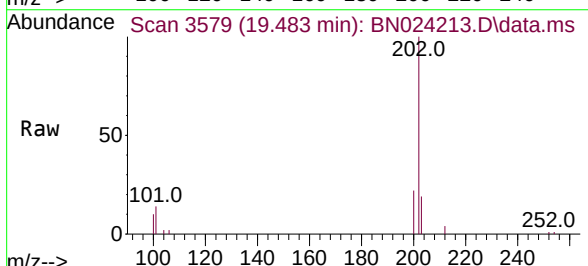
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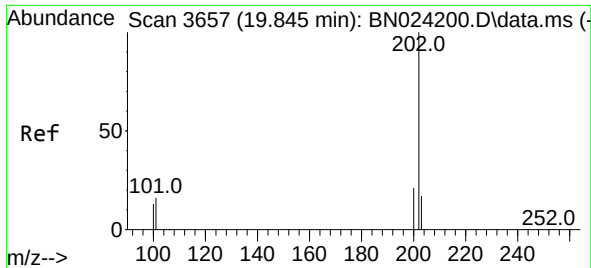
Reviewed By :Christian Giraldo 03/10/2023
 Supervised By :Jagrut Upadhyay 03/10/2023



#19
 Fluoranthene
 Concen: 0.116 ng/ul
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024213.D
 Acq: 09 Mar 2023 23:22

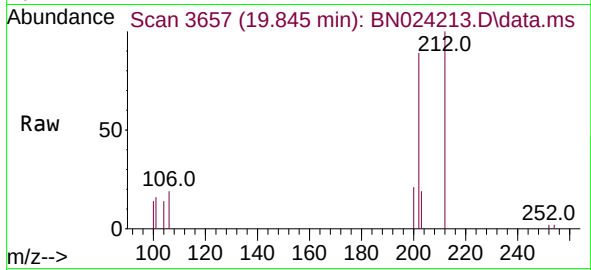
Tgt Ion:202 Resp: 9647
 Ion Ratio Lower Upper
 202 100
 101 14.0 10.4 15.6
 100 10.5 7.7 11.5





#20
Pyrene
Concen: 0.061 ng/ul m
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024213.D
Acq: 09 Mar 2023 23:22

Instrument :
BNA_N
ClientSampleId :
DCAE2DL



Tgt Ion:	202	Resp:	5159
Ion Ratio	Lower	Upper	
202	100		
101	18.4	12.1	18.1%
100	16.2	9.4	14.0%

Manual Integrations
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