

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082321\
 Data File : BN016009.D
 Acq On : 23 Aug 2021 14:15
 Operator : CG/JU
 Sample : M3448-06DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKE5DL

Manual Integrations
 APPROVED

mohammad
 8/24/2021 11:22:19 AM

Quant Time: Aug 23 14:45:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 23 10:52:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	203466	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	799975	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	470206	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	938363	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	970946	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	983220	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	6484	1.241	ng/uL	0.00
4) Pyridine-d5	3.740	84	57486	3.938	ng/u1	0.00
7) Phenol-d5	7.034	99	56443	3.067	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	176613	15.586	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	154527	11.799	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	96178	6.719	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	98147	16.669	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	76966	13.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	157938	13.245	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	213430	11.758	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	610767	17.724	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	757163	17.545	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	9953	1.633	ng/u1	0.00
60) Fluorene-d10	15.504	176	541904	18.028	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	38782	7.739	ng/u1	0.00
73) Anthracene-d10	17.351	188	888594	20.204	ng/u1	0.00
81) Pyrene-d10	19.651	212	1024384	19.587	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1016458	19.120	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.334	142	61291	2.057	ng/u1	97
37) 1-Methylnaphthalene	12.551	142	395372	13.332	ng/u1	97
52) Acenaphthene	14.575	153	1306400	44.026	ng/u1	95
56) Dibenzofuran	14.910	168	742897	18.109	ng/u1	99
61) Fluorene	15.557	166	702834	20.995	ng/u1	97
72) Phenanthrene	17.298	178	1008515	19.770	ng/u1	99
74) Anthracene	17.386	178	125347m	2.407	ng/u1	
80) Fluoranthene	19.316	202	212992	3.366	ng/u1	97
82) Pyrene	19.680	202	134748	2.046	ng/u1	98

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

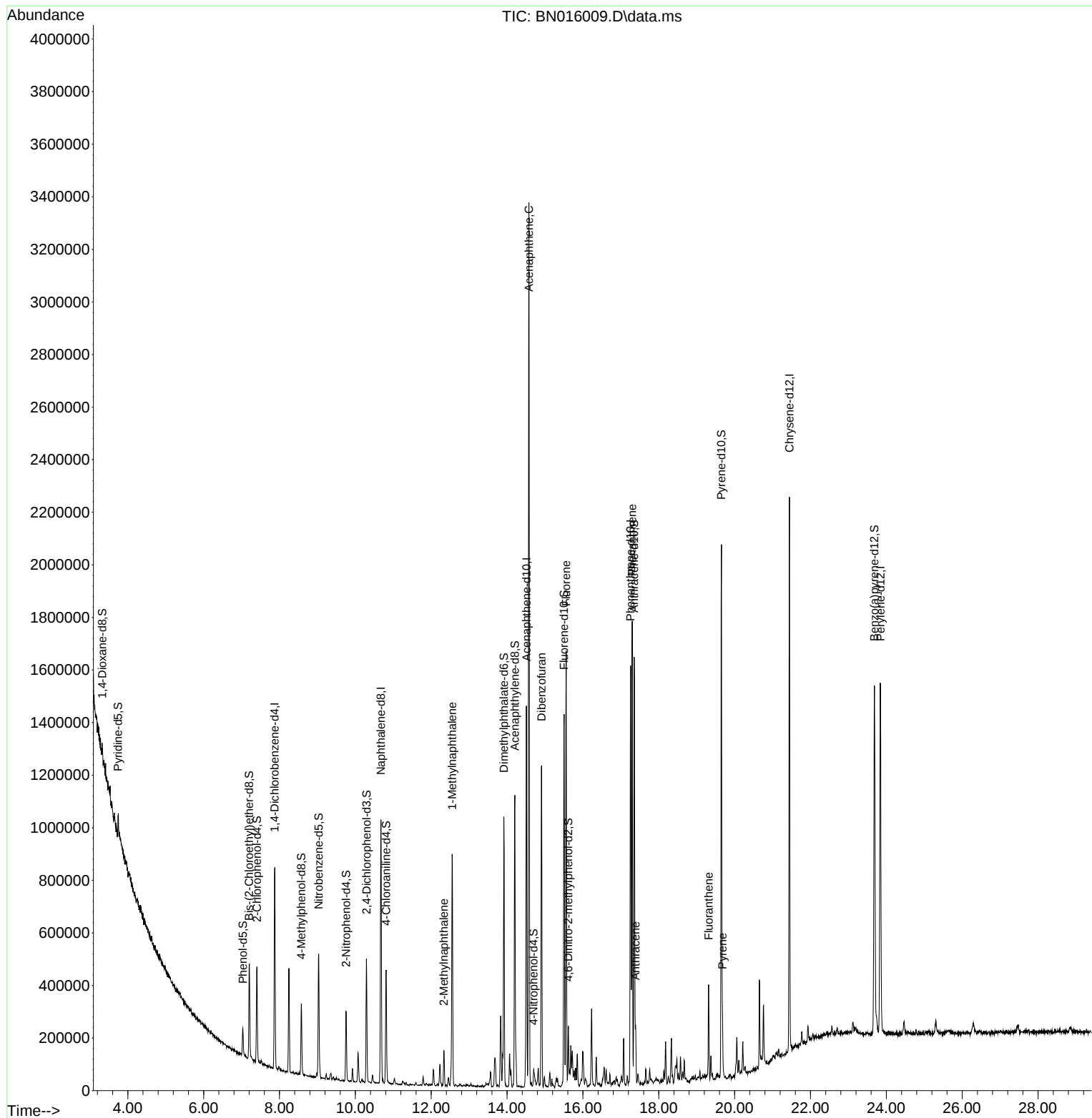
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082321\
Data File : BN016009.D
Acq On : 23 Aug 2021 14:15
Operator : CG/JU
Sample : M3448-06DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

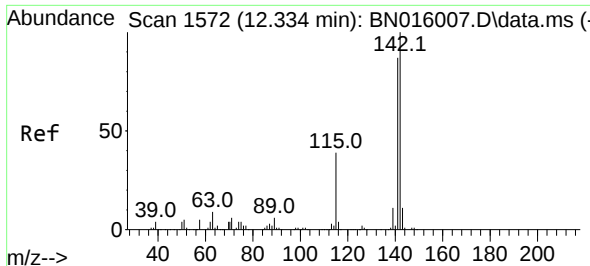
Instrument :
BNA_N
ClientSampleId :
DBKE5DL

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Quant Time: Aug 23 14:45:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 23 10:52:20 2021
Response via : Initial Calibration





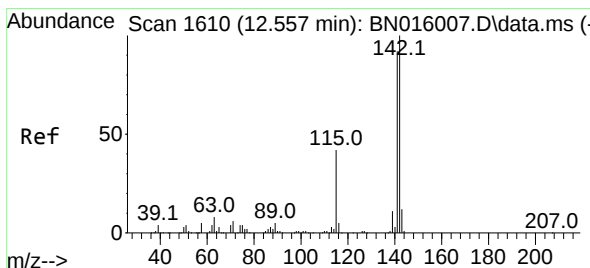
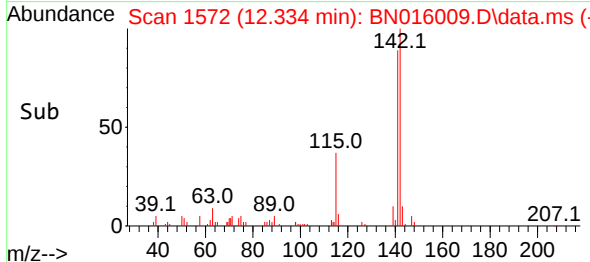
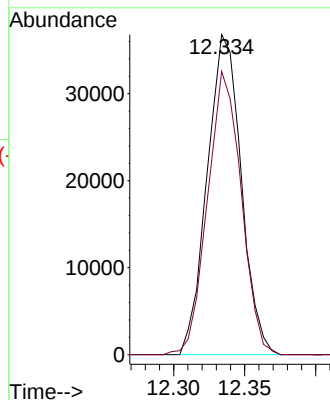
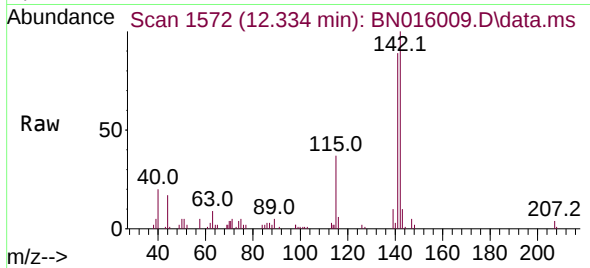
#36
2-Methylnaphthalene
Concen: 2.057 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BN016009.D
Acq: 23 Aug 2021 14:15

Tgt Ion:142 Resp: 61291
Ion Ratio Lower Upper
142 100
141 88.5 73.4 110.0

Instrument :
BNA_N
ClientSampleId :
DBKE5DL

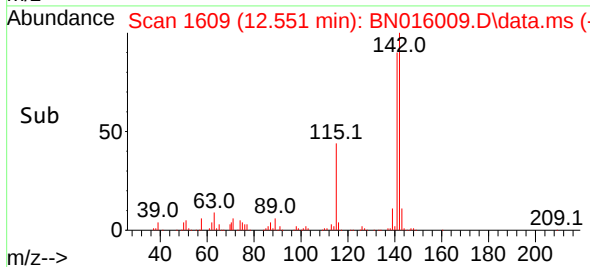
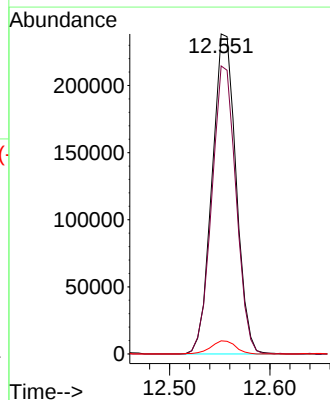
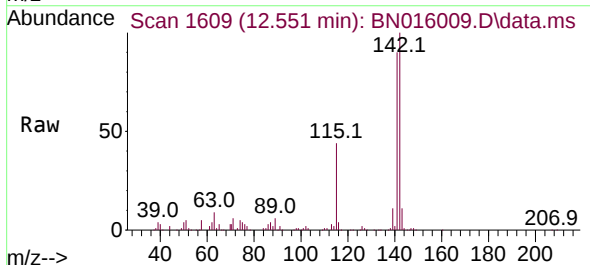
Manual Integrations
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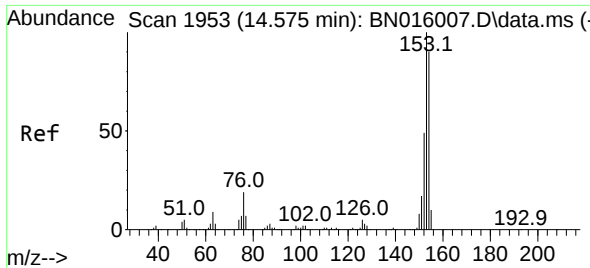
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#37
1-Methylnaphthalene
Concen: 13.332 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN016009.D
Acq: 23 Aug 2021 14:15

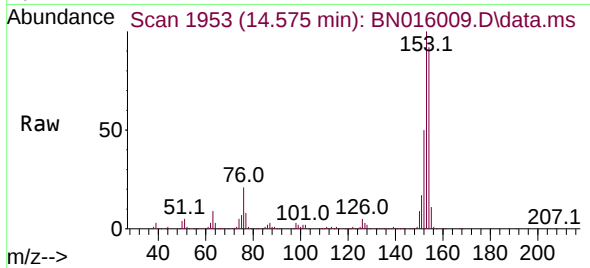
Tgt Ion:142 Resp: 395372
Ion Ratio Lower Upper
142 100
141 90.0 74.2 111.4
116 4.1 3.4 5.0





#52
Acenaphthene
Concen: 44.026 ng/u1
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BN016009.D
Acq: 23 Aug 2021 14:15

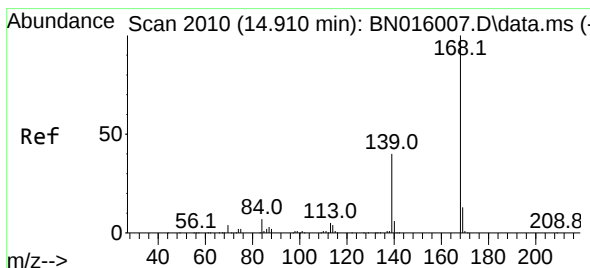
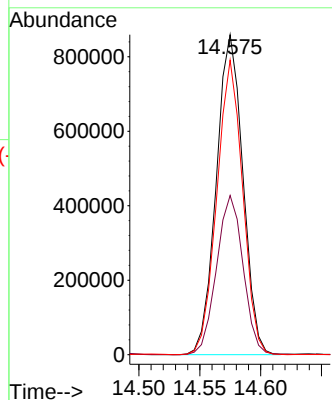
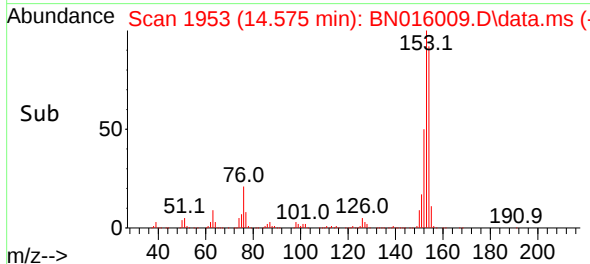
Instrument :
BNA_N
ClientSampleId :
DBKE5DL



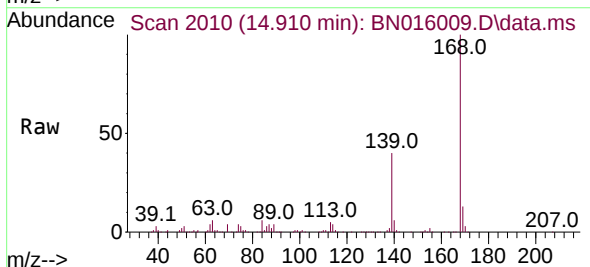
Tgt Ion:153 Resp: 1306400
Ion Ratio Lower Upper
153 100
152 49.8 38.6 57.8
154 92.1 69.3 103.9

Manual Integrations
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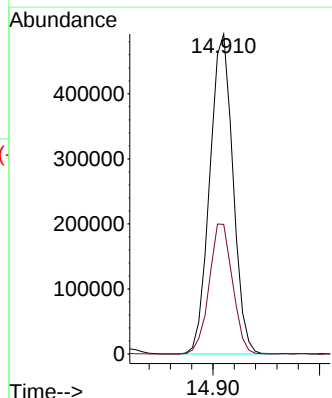
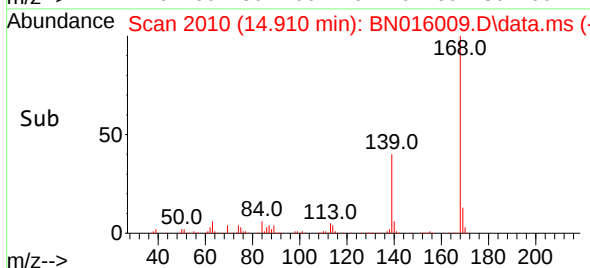
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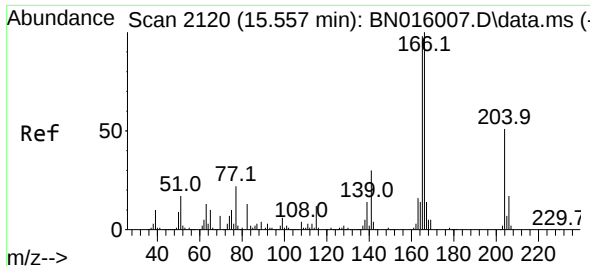


#56
Dibenzofuran
Concen: 18.109 ng/u1
RT: 14.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BN016009.D
Acq: 23 Aug 2021 14:15



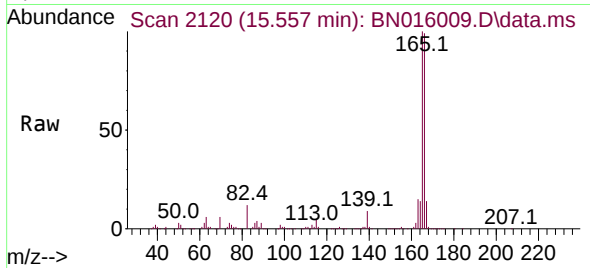
Tgt Ion:168 Resp: 742897
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.6



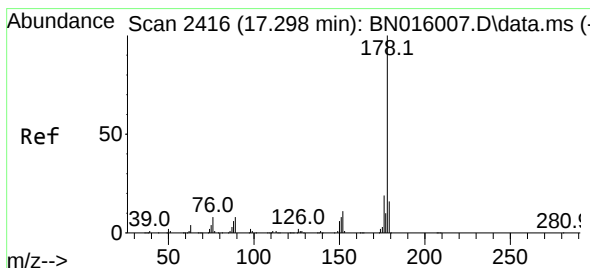
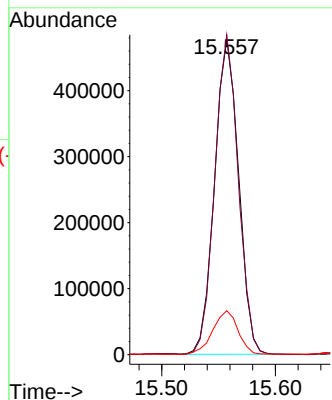
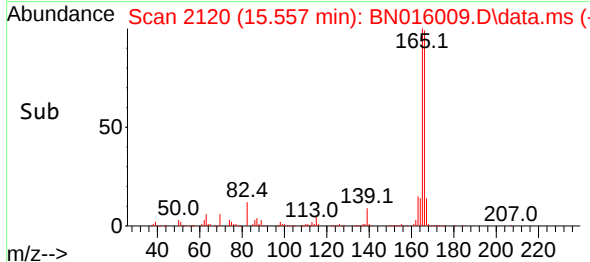


#61
Fluorene
Concen: 20.995 ng/u1
RT: 15.557 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN016009.D
Acq: 23 Aug 2021 14:15

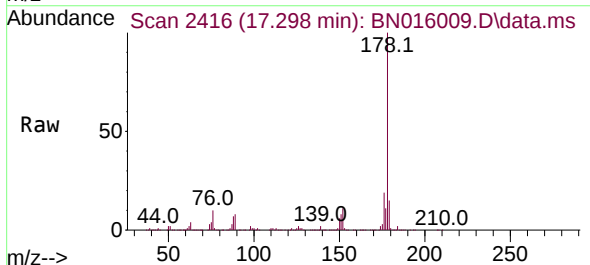
Instrument :
BNA_N
ClientSampled :
DBKE5DL



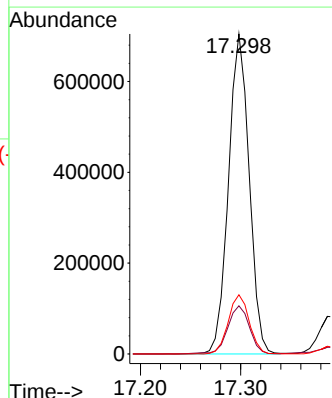
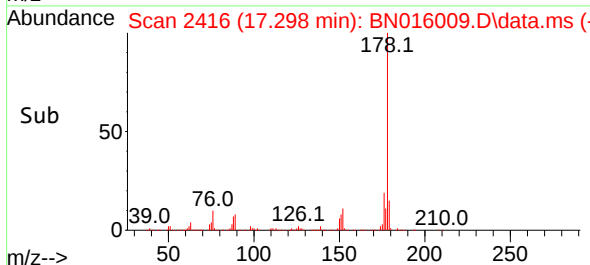
Tgt Ion:166 Resp: 702834
Ion Ratio Lower Upper
166 100
165 101.5 78.4 117.6
167 14.0 10.8 16.2

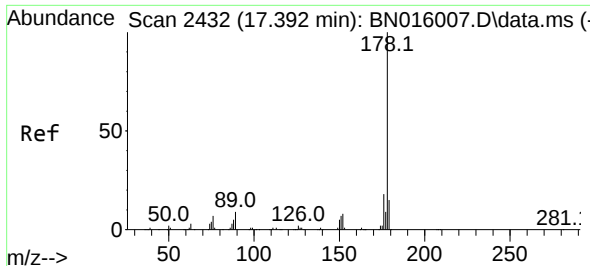


#72
Phenanthrene
Concen: 19.770 ng/u1
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BN016009.D
Acq: 23 Aug 2021 14:15



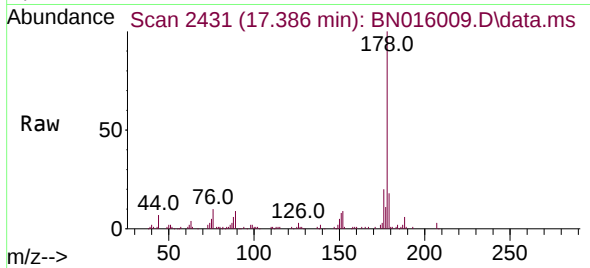
Tgt Ion:178 Resp: 1008515
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 18.5 14.6 21.8





#74
 Anthracene
 Concen: 2.407 ng/ul m
 RT: 17.386 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BN016009.D
 Acq: 23 Aug 2021 14:15

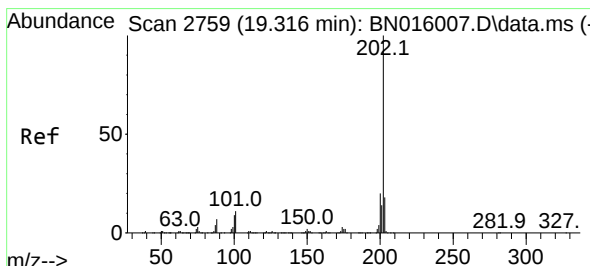
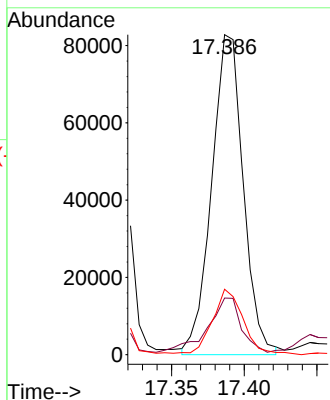
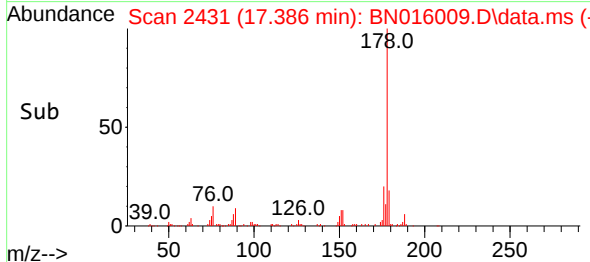
Instrument :
 BNA_N
 ClientSampleID :
 DBKE5DL



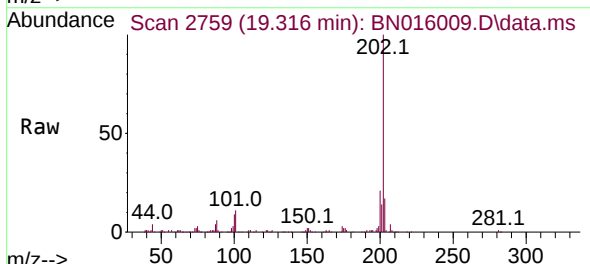
Tgt Ion:178 Resp: 125347
 Ion Ratio Lower Upper
 178 100
 179 17.7 11.6 17.4#
 176 20.4 14.4 21.6

Manual Integrations
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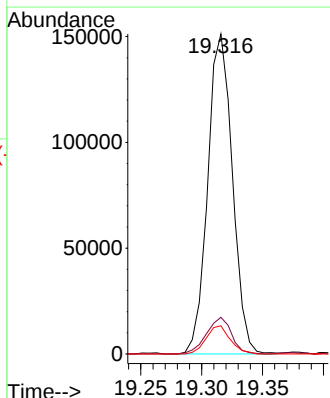
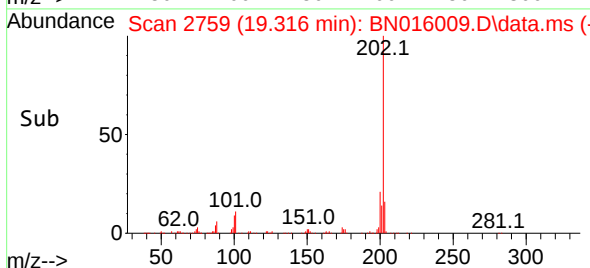
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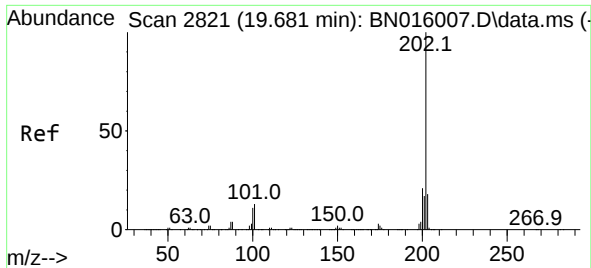


#80
 Fluoranthene
 Concen: 3.366 ng/ul
 RT: 19.316 min Scan# 2759
 Delta R.T. -0.000 min
 Lab File: BN016009.D
 Acq: 23 Aug 2021 14:15



Tgt Ion:202 Resp: 212992
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.0 12.0
 100 8.8 6.7 10.1





#82

Pyrene

Concen: 2.046 ng/ul

RT: 19.680 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BN016009.D

Acq: 23 Aug 2021 14:15

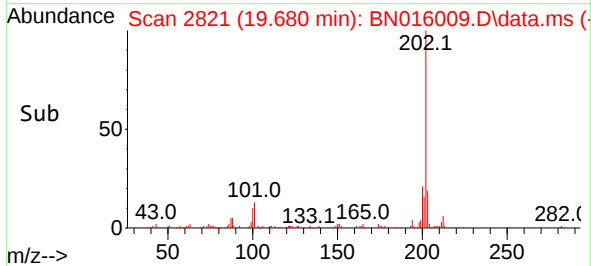
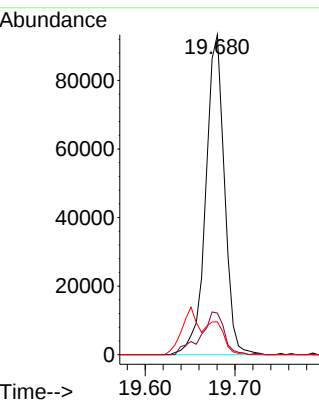
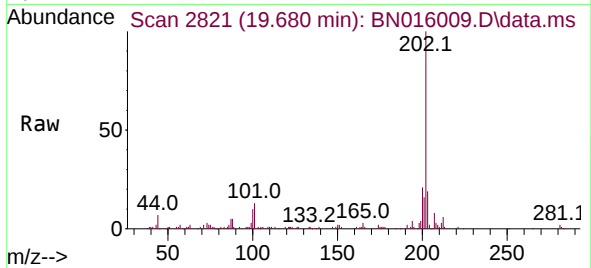
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Ion Ratio Lower Upper

202 100

101 13.0 10.1 15.1

100 10.3 9.2 13.8



Instrument :

BNA_N

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