Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM047005.D
Acq On : 06 Aug 2024 00:03
Operator : RC/JU
Sample : P3329-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E16

Quant Time: Aug 06 02:03:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	170483	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	619966	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	370591	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.815	188	793240	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	810173	20.000	ng/ul	-0.01
88) Perylene-d12	23.762	264	960523	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	14904	3.463	ng/uL	0.00
4) Pyridine-d5	3.410	84	201861	17.198	ng/ul	0.00
7) Phenol-d5	6.598	99	283043	21.855	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	187093	21.956	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	231184	21.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	225063	21.937	ng/ul	0.00
21) Nitrobenzene-d5	8.540	128	110625	22.237	ng/ul	0.00
24) 2-Nitrophenol-d4	9.251	143	121004	22.273	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.786	165	218644	20.962	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.304	131	295408	21.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	659688	23.281	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	715752	22.629	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	108275	19.763	ng/ul	0.00
60) Fluorene-d10	15.057	176	547037	22.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	90164	17.991	ng/ul	-0.01
73) Anthracene-d10	16.910	188	890883	23.691	ng/ul	0.00
81) Pyrene-d10	19.227	212	1064562	22.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	1215031	24.023	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.204	128	626065	19.073	ng/ul	99
36) 2-Methylnaphthalene	11.833	142	76133	3.322	ng/ul	98
37) 1-Methylnaphthalene	12.051	142	38351	1.653	ng/ul	100
52) Acenaphthene	14.116	153	58418	2.426	ng/ul	95
56) Dibenzofuran	14.457	168	70405	2.083	ng/ul	98
61) Fluorene	15.116	166	59891	2.148	ng/ul	99
72) Phenanthrene	16.857	178	224719	5.054	ng/ul	98
77) Carbazole	17.227	167	72915	1.754	ng/ul	98
80) Fluoranthene	18.886	202	105058	1.895	ng/ul	99
82) Pyrene	19.251	202	74405	1.260	ng/ul	97

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

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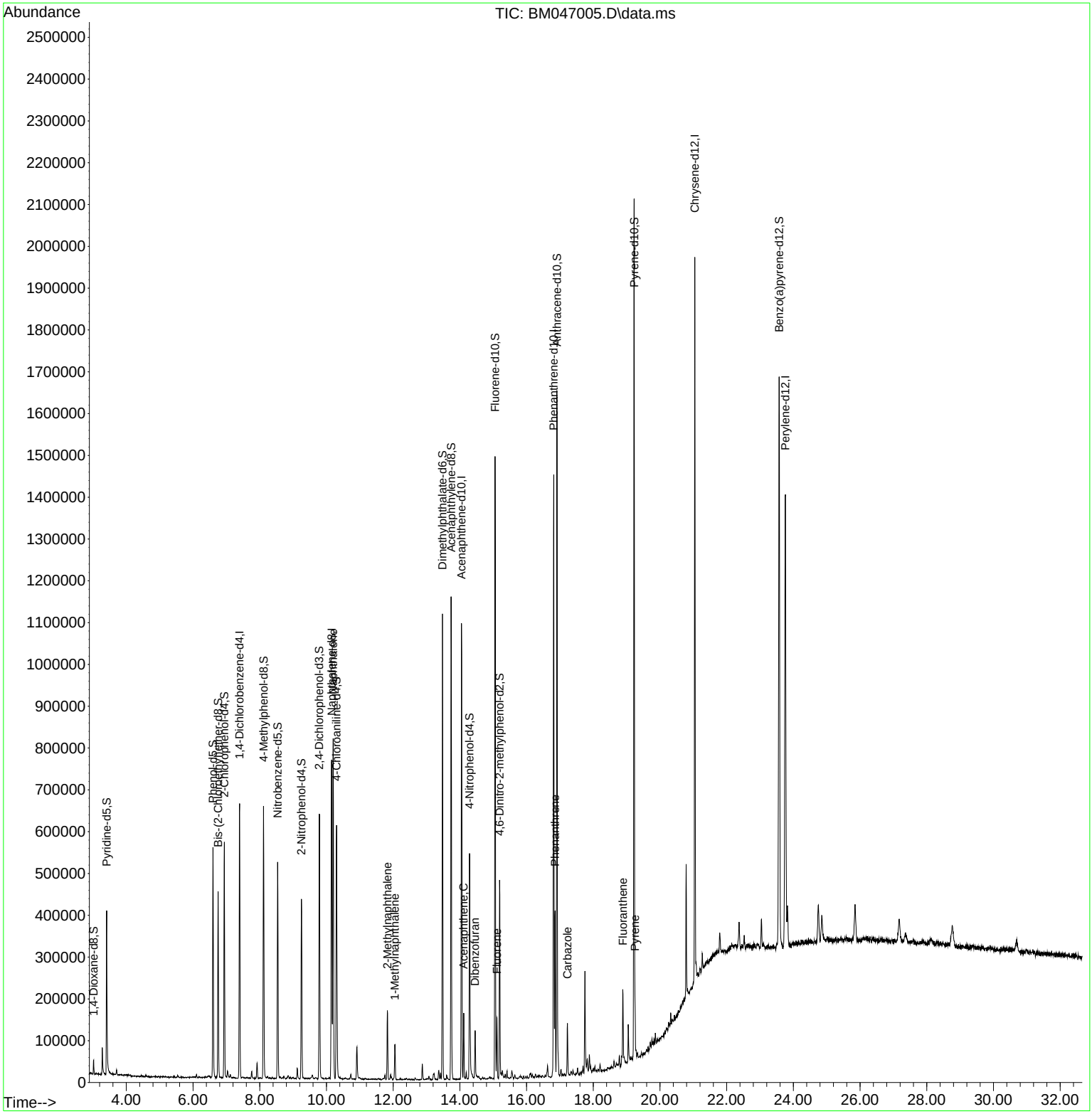
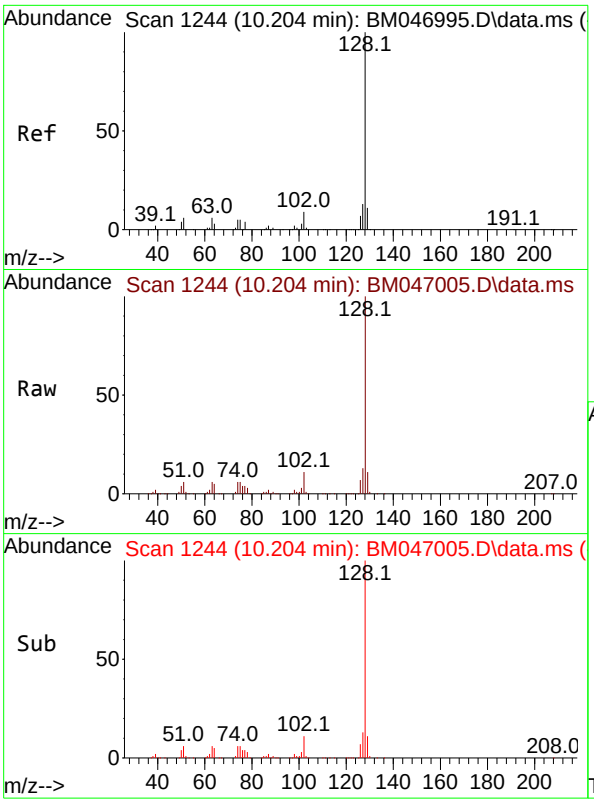
Sample : P3329-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E16

Quant Time: Aug 06 02:03:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration



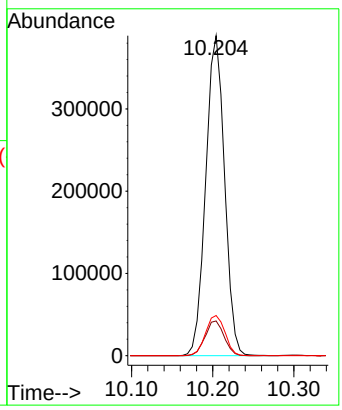


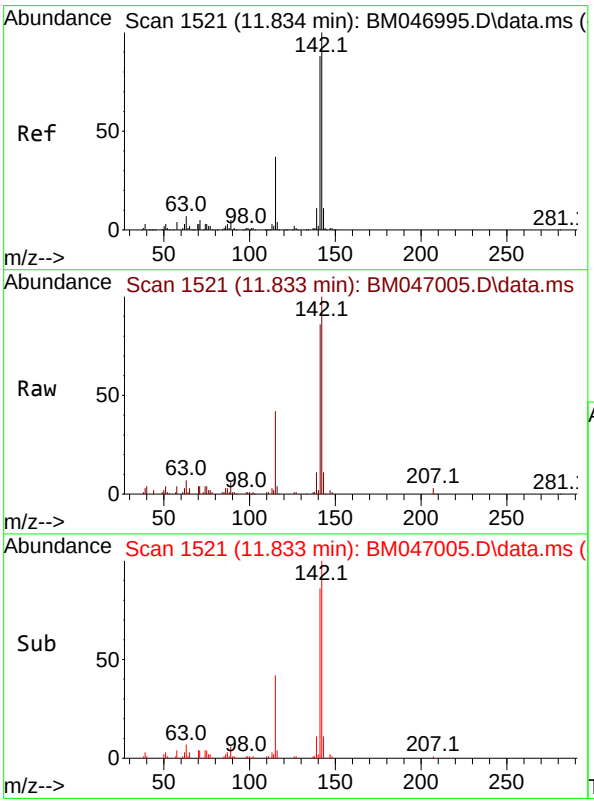
#30
Naphthalene
Concen: 19.073 ng/ul
RT: 10.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Instrument :
BNA_M
ClientSampleId :
F7E16

Tgt Ion:128 Resp: 626065

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.5	10.4	15.6

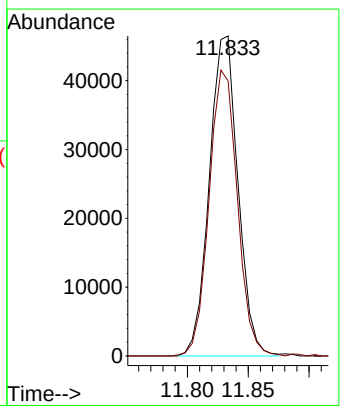


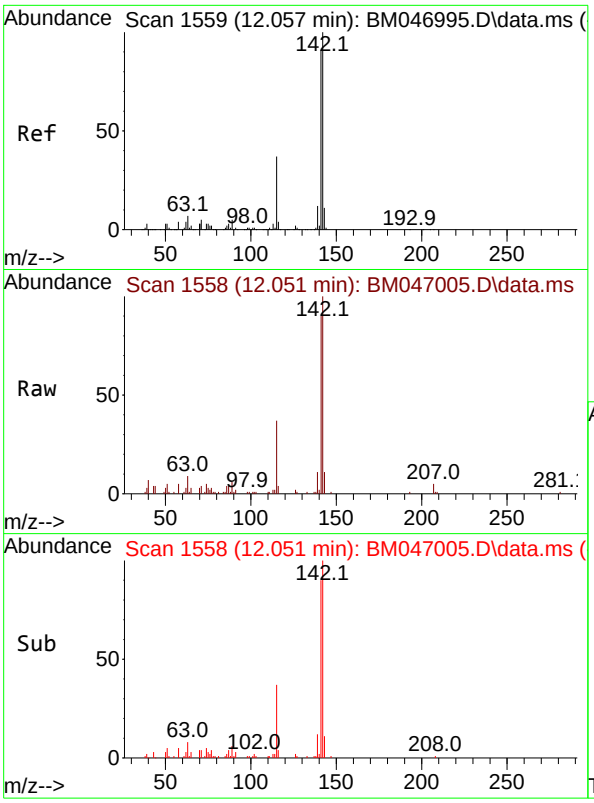


#36
2-Methylnaphthalene
Concen: 3.322 ng/ul
RT: 11.833 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Tgt Ion:142 Resp: 76133

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9



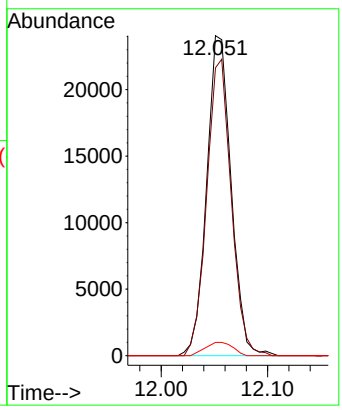


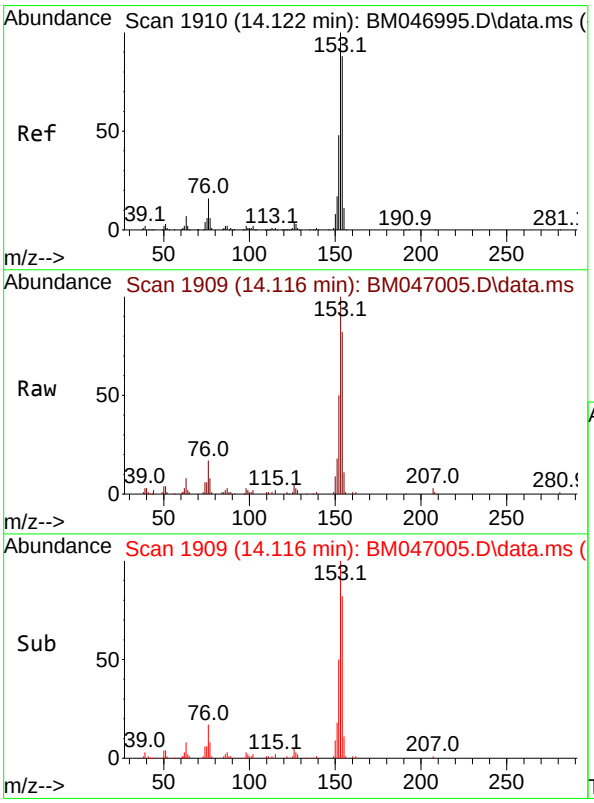
#37
1-Methylnaphthalene
Concen: 1.653 ng/ul
RT: 12.051 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Instrument :
BNA_M
ClientSampleId :
F7E16

Tgt Ion:142 Resp: 38351

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.0	108.0
116	4.2	3.6	5.4

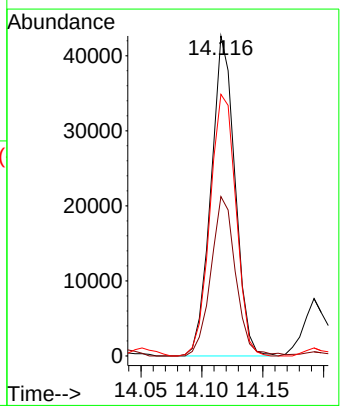


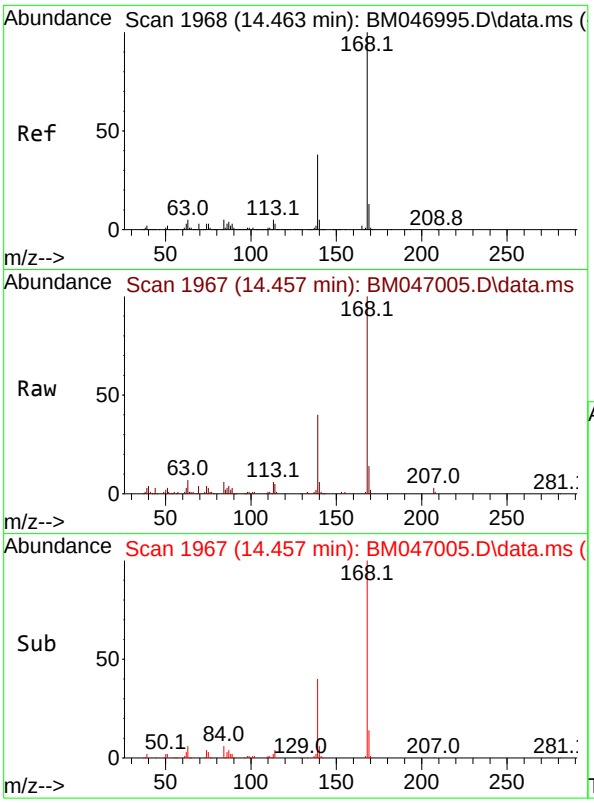


#52
Acenaphthene
Concen: 2.426 ng/ul
RT: 14.116 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Tgt Ion:153 Resp: 58418

Ion	Ratio	Lower	Upper
153	100		
152	49.8	38.2	57.2
154	81.7	70.1	105.1



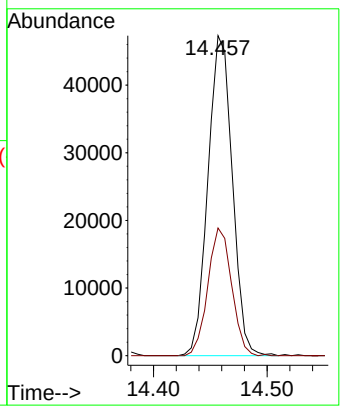


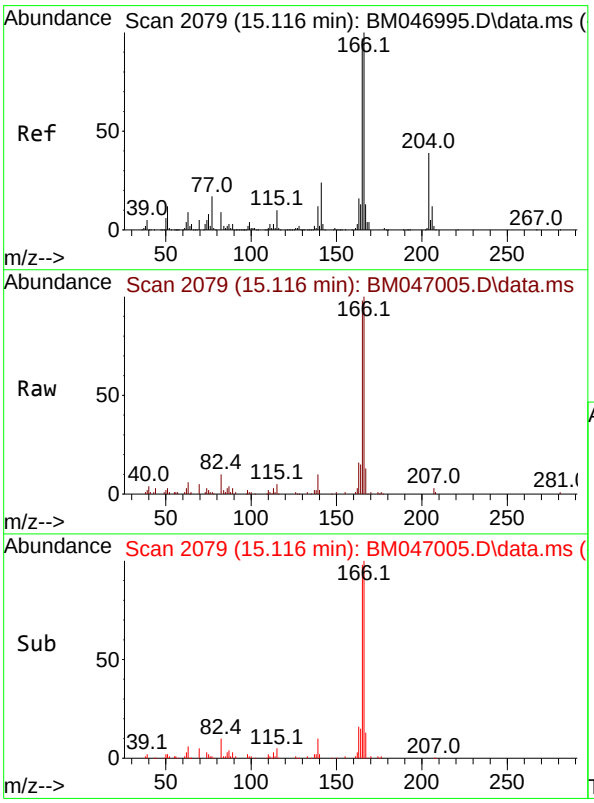
#56
Dibenzofuran
Concen: 2.083 ng/ul
RT: 14.457 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Instrument :
BNA_M
ClientSampleId :
F7E16

Tgt Ion:168 Resp: 70405

Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.0	49.4

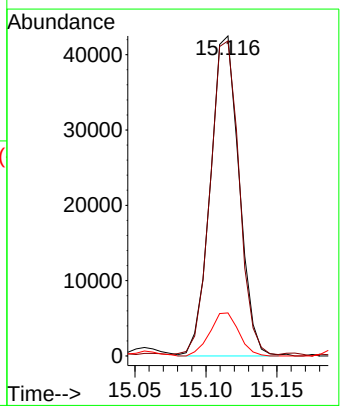


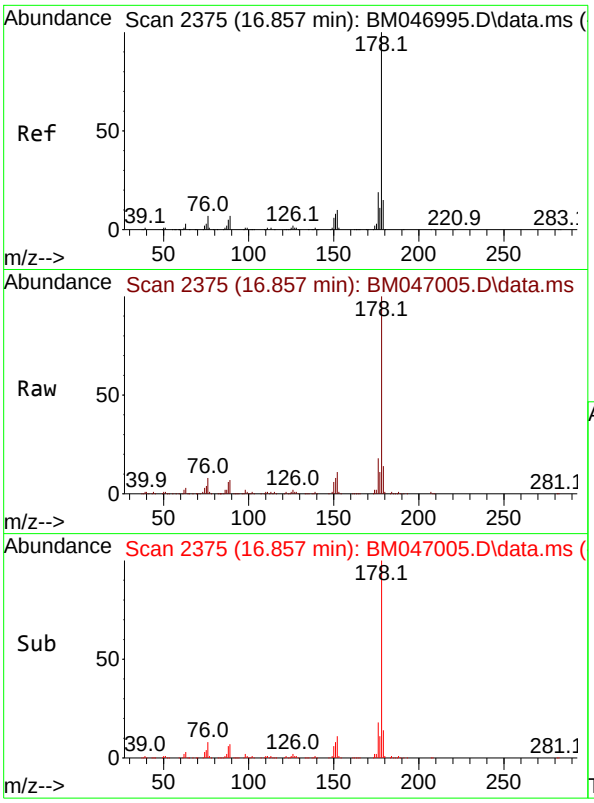


#61
Fluorene
Concen: 2.148 ng/ul
RT: 15.116 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Tgt Ion:166 Resp: 59891

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.5	119.3
167	13.4	11.5	17.3



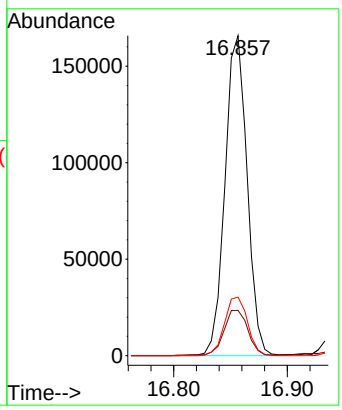


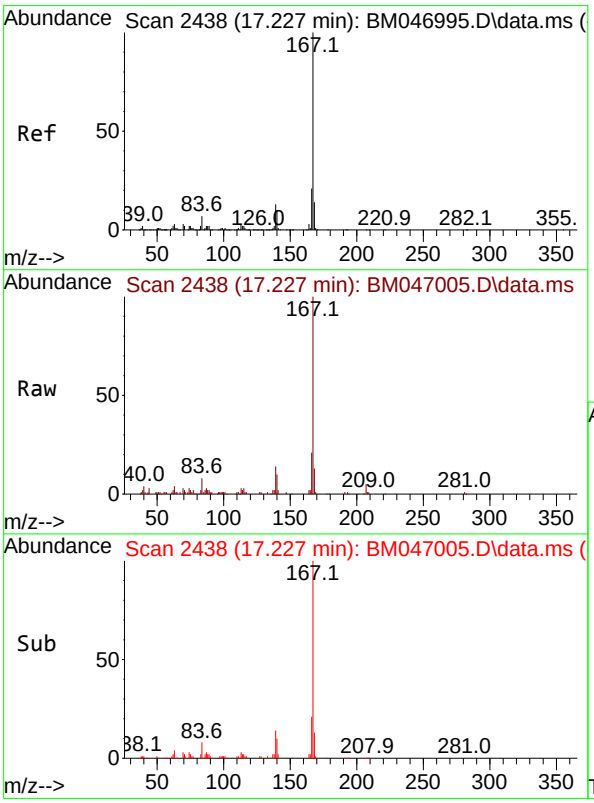
#72
Phenanthrene
Concen: 5.054 ng/ul
RT: 16.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Instrument :
BNA_M
ClientSampleId :
F7E16

Tgt Ion:178 Resp: 224719

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.3	18.5
176	18.3	15.3	22.9

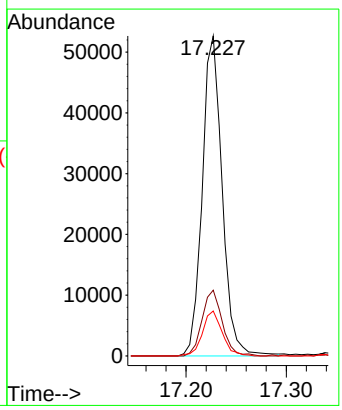


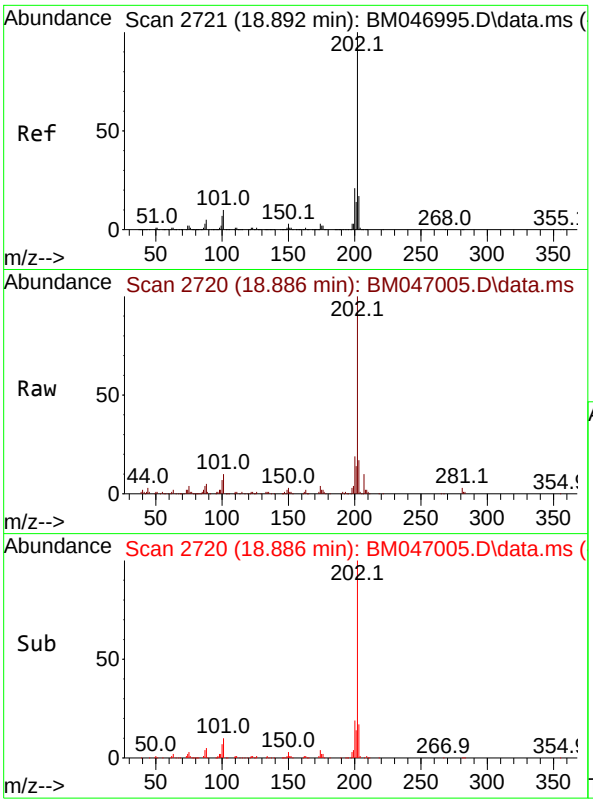


#77
Carbazole
Concen: 1.754 ng/ul
RT: 17.227 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Tgt Ion:167 Resp: 72915

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	14.0	10.6	16.0



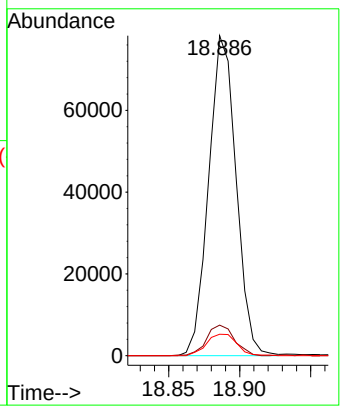


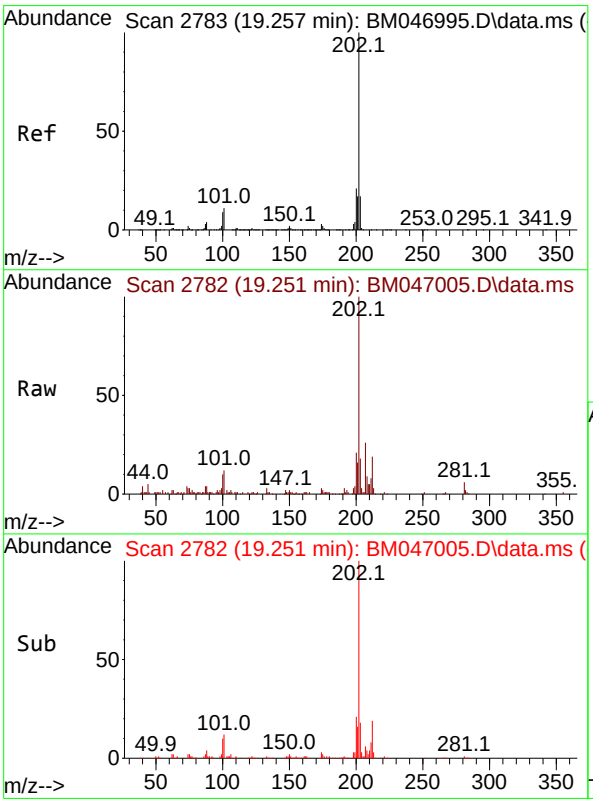
#80
Fluoranthene
Concen: 1.895 ng/ul
RT: 18.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Instrument :
BNA_M
ClientSampleId :
F7E16

Tgt Ion:202 Resp: 105058

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	6.7	5.9	8.9





#82
Pyrene
Concen: 1.260 ng/ul
RT: 19.251 min Scan# 2782
Delta R.T. -0.012 min
Lab File: BM047005.D
Acq: 06 Aug 2024 00:03

Tgt Ion:202 Resp: 74405

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.7	13.1
100	9.9	6.8	10.2