Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031971.D
Acq On : 31 Aug 2021 04:25
Operator : CG/JU
Sample : M3448-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD5

Quant Time: Aug 31 05:02:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	97882	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	419986	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	318105	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	713876	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	771745	20.000	ng/ul	0.00
88) Perylene-d12	23.244	264	711534	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	9707	4.576	ng/uL	0.00
4) Pyridine-d5	3.528	84	60698	10.076	ng/ul	0.00
7) Phenol-d5	6.704	99	41434	5.105	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	130120	27.707	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	135950	21.766	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	88915	12.768	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	97072	31.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	106268	29.436	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	193035	26.651	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	266966	26.129	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	827136	34.363	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	934233	32.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	19433	4.460	ng/ul	0.01
60) Fluorene-d10	15.151	176	730808	34.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	12723	2.594	ng/ul	0.00
73) Anthracene-d10	17.004	188	1268347	37.432	ng/ul	0.00
81) Pyrene-d10	19.309	212	1485445	41.094	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1430265	38.247	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	11.933	142	64598	3.897	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	423482	25.080	ng/ul	99
52) Acenaphthene	14.216	153	1588065	83.363	ng/ul	99
56) Dibenzofuran	14.551	168	906932	32.282	ng/ul	99
61) Fluorene	15.210	166	918153	38.625	ng/ul	98
72) Phenanthrene	16.945	178	1389555	35.639	ng/ul	99
74) Anthracene	17.039	178	178292	4.468	ng/ul	97
77) Carbazole	17.321	167	52234	1.430	ng/ul	97
80) Fluoranthene	18.968	202	306355	6.975	ng/ul	96
82) Pyrene	19.339	202	184059	3.958	ng/ul	95

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

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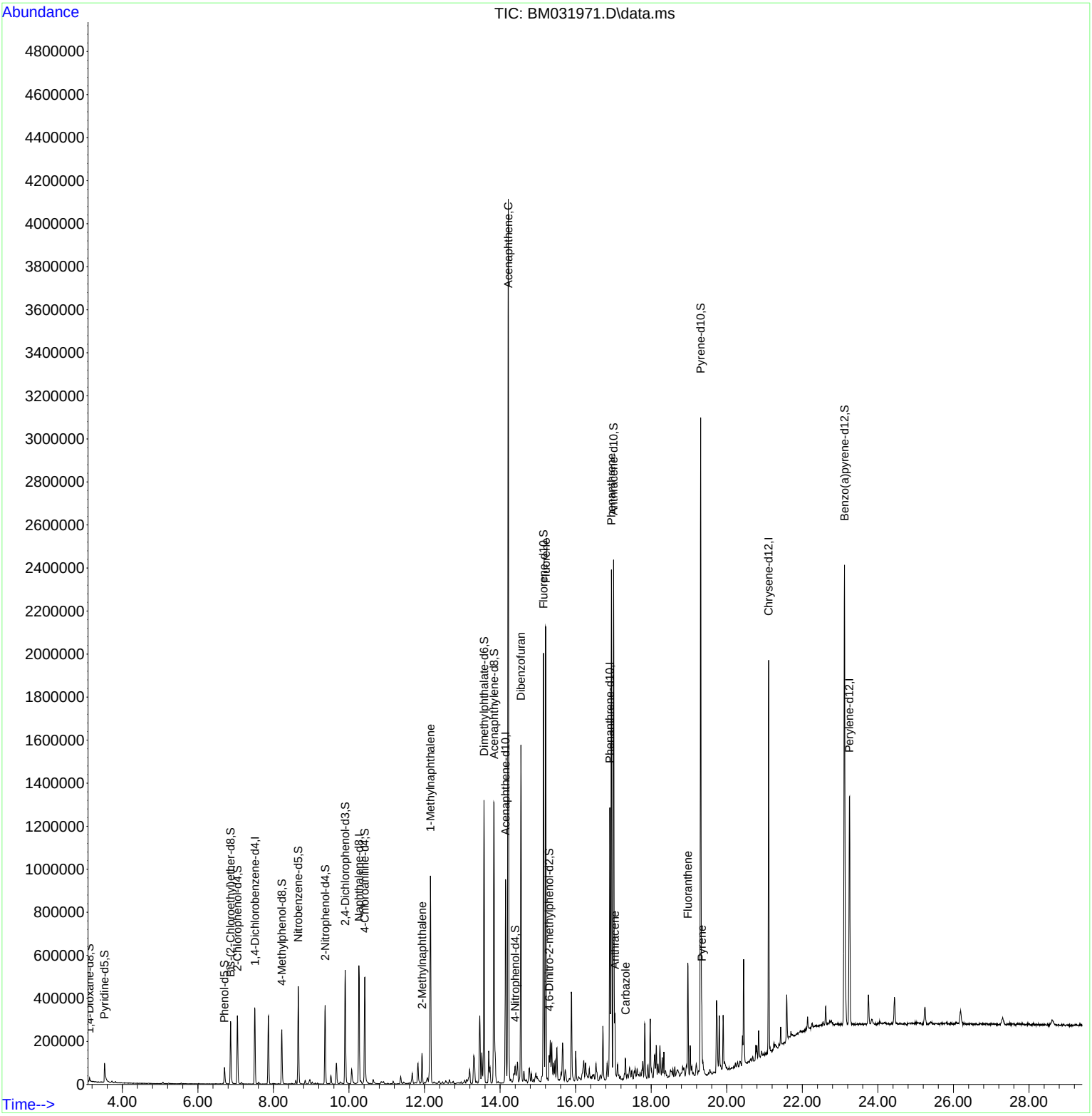

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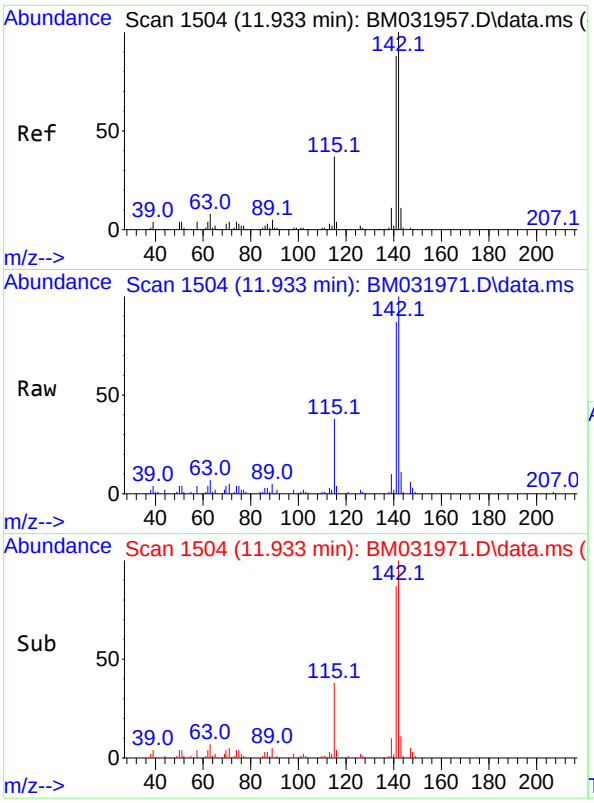
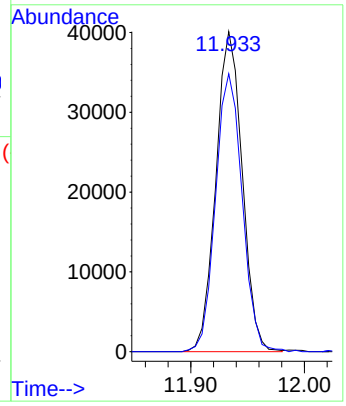
BNA_M
ClientSampleId :
DBKD5

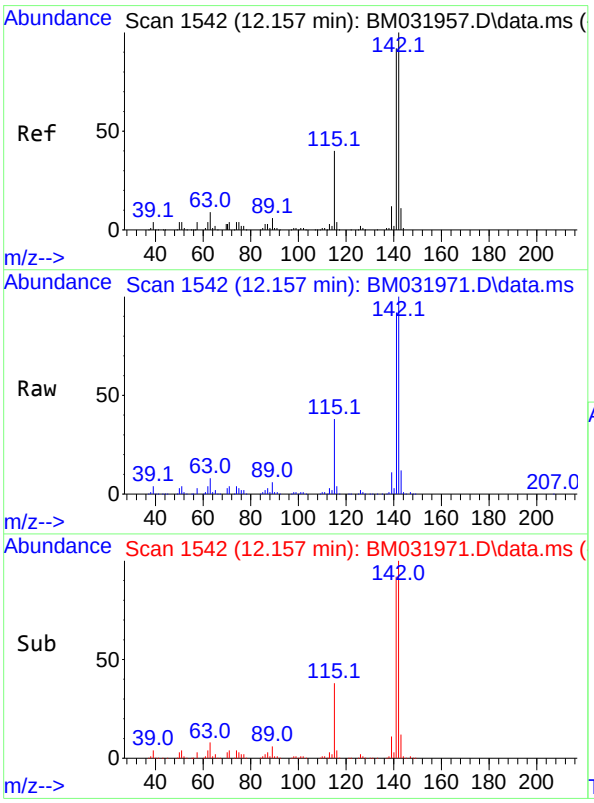


#36
2-Methylnaphthalene
Concen: 3.897 ng/ul
RT: 11.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:142 Resp: 64598

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.6	105.8

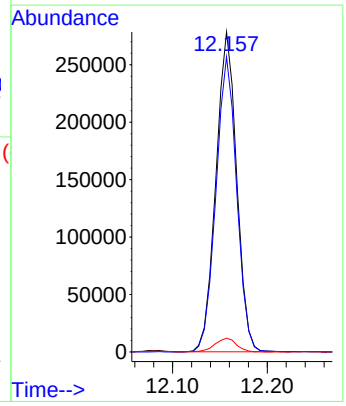




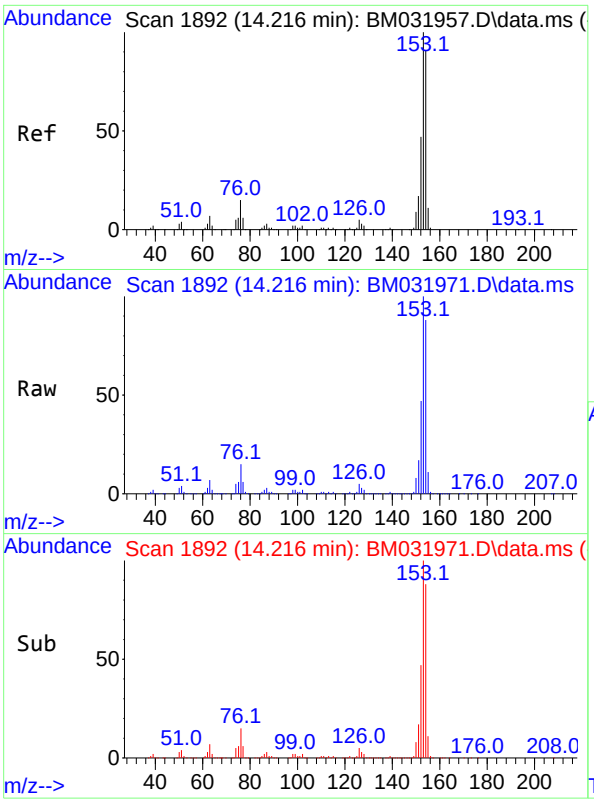
#37
1-Methylnaphthalene
Concen: 25.080 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:142 Resp: 423482

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.8	109.2
116	4.3	3.1	4.7



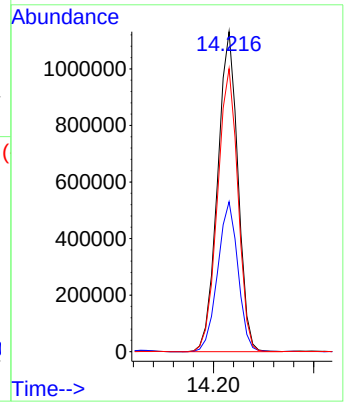
Instrument :
BNA_M
ClientSampleId :
DBKD5

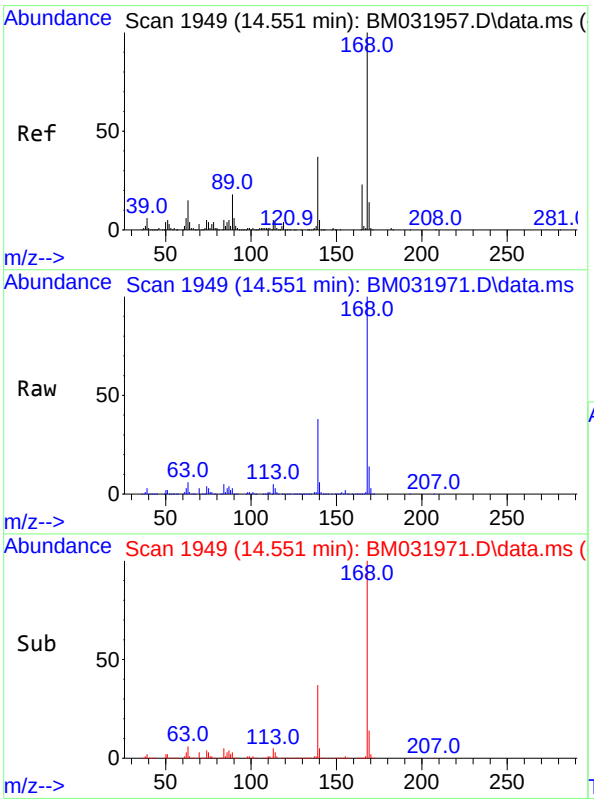


#52
Acenaphthene
Concen: 83.363 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:153 Resp: 1588065

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.4	56.2
154	88.4	69.4	104.0

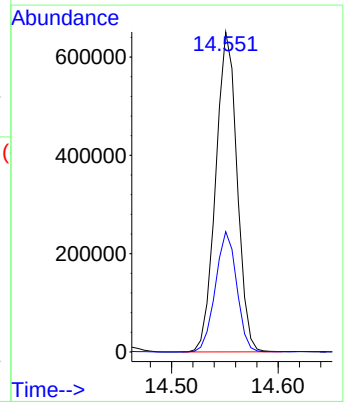




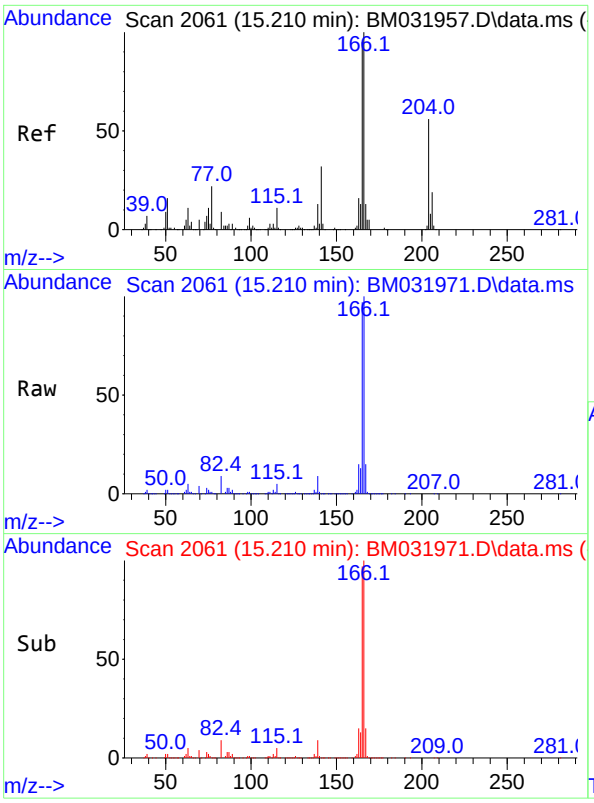
#56
Dibenzofuran
Concen: 32.282 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:168 Resp: 906932

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.5	44.3



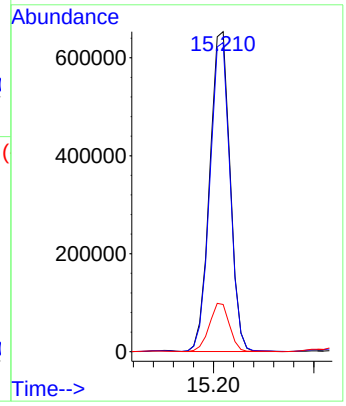
Instrument :
BNA_M
ClientSampleId :
DBKD5

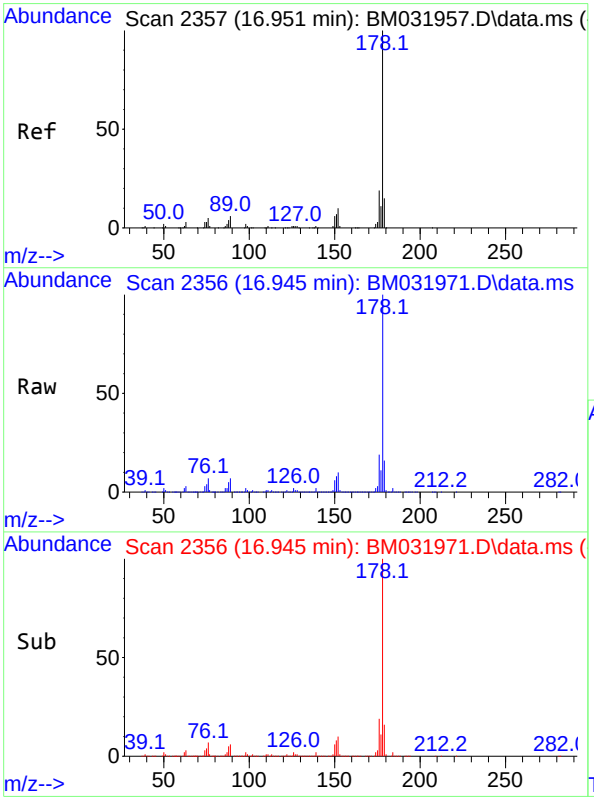


#61
Fluorene
Concen: 38.625 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:166 Resp: 918153

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.4	117.6
167	14.7	10.6	15.8

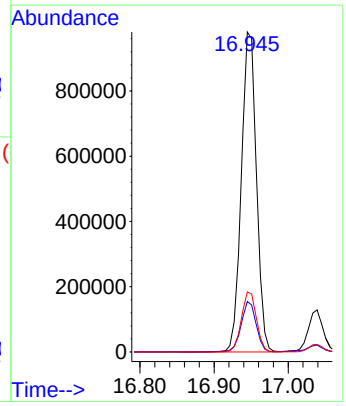




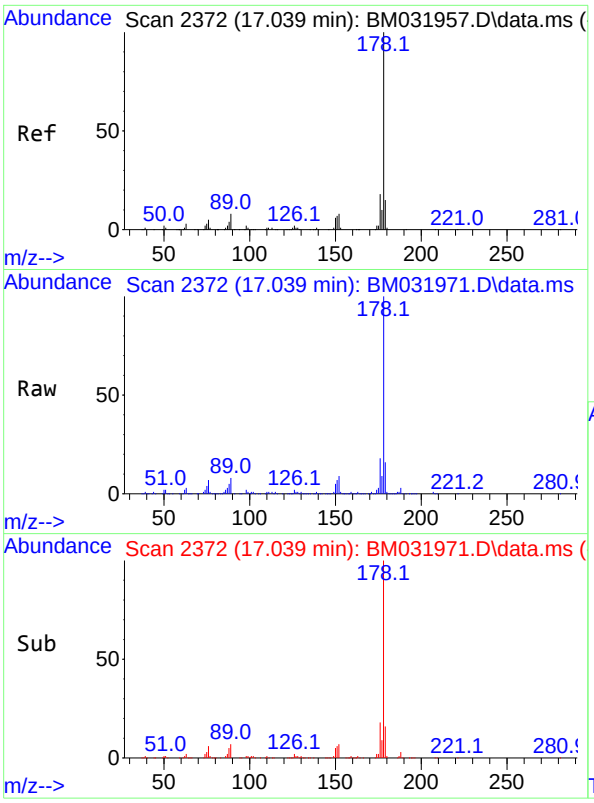
#72
Phenanthrene
Concen: 35.639 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:178 Resp: 1389555

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.7	15.2	22.8



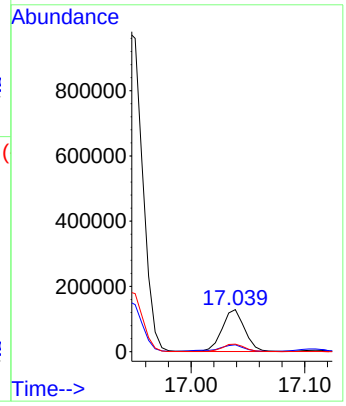
Instrument :
BNA_M
ClientSampleId :
DBKD5

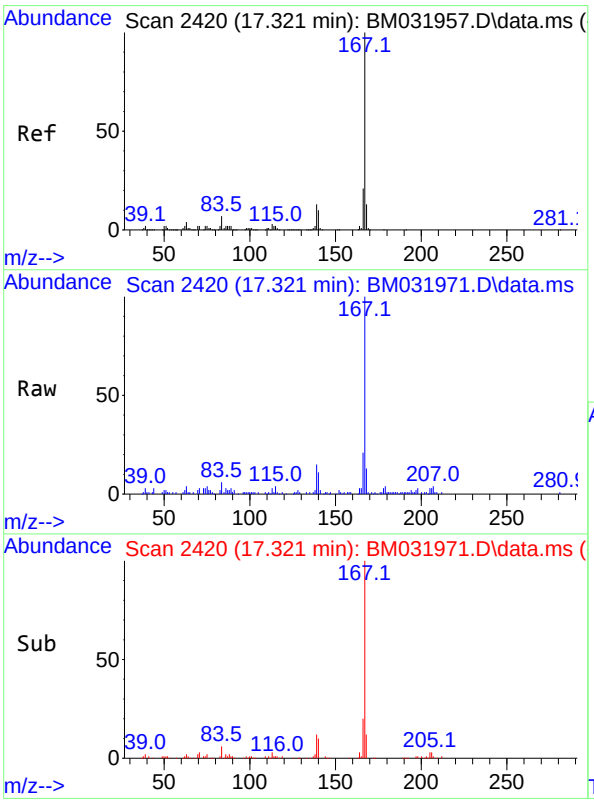


#74
Anthracene
Concen: 4.468 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:178 Resp: 178292

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.1	18.1
176	18.0	15.2	22.8

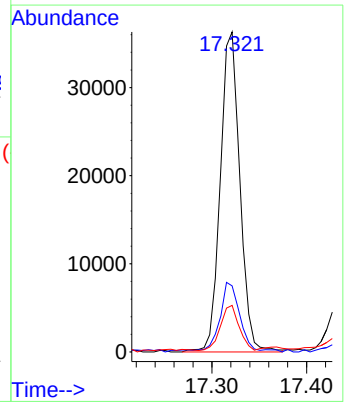




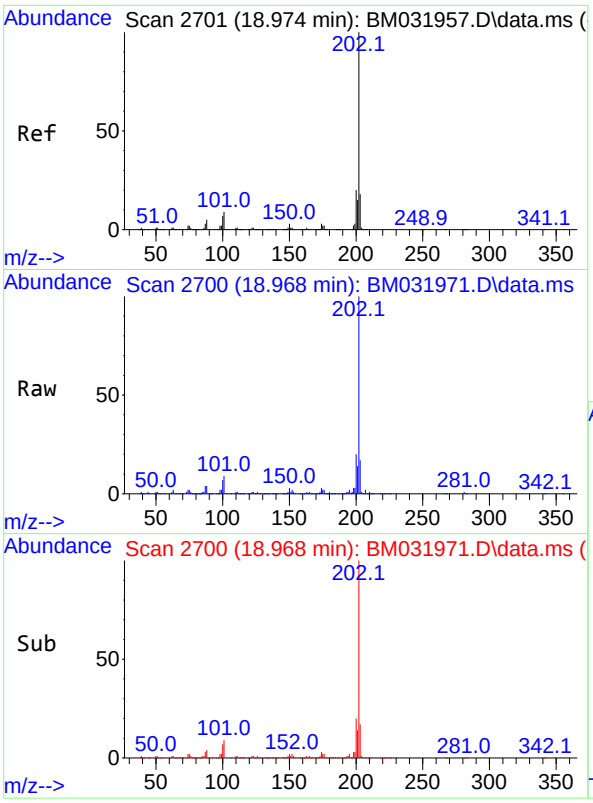
#77
Carbazole
Concen: 1.430 ng/ul
RT: 17.321 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:167 Resp: 52234

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	14.6	9.9	14.9



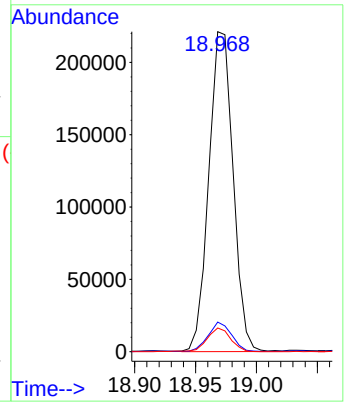
Instrument :
BNA_M
ClientSampleId :
DBKD5

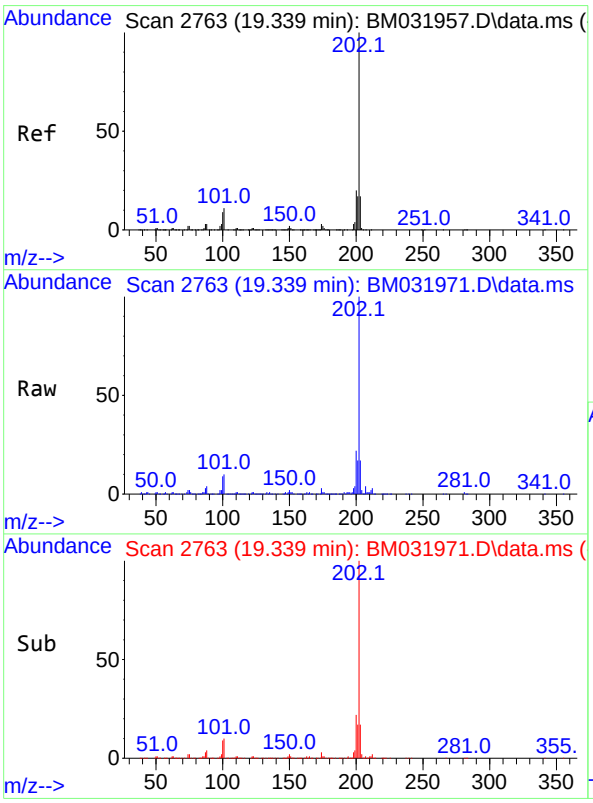


#80
Fluoranthene
Concen: 6.975 ng/ul
RT: 18.968 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:202 Resp: 306355

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.8	13.2
100	7.4	6.8	10.2





#82
Pyrene
Concen: 3.958 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM031971.D
Acq: 31 Aug 2021 04:25

Tgt Ion:202 Resp: 184059

Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.0	15.0
100	8.6	8.5	12.7