Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041529.D
Acq On : 28 Aug 2023 19:40
Operator : MA/JU
Sample : 04037-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Quant Time: Aug 29 02:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10230	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	27016	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	13233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	22957	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	7682	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	9100	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	20664	1.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	2725	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	3087	0.098	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.993	128	5822	0.067	ng/ul#	95
7) 2-Methylnaphthalene	12.594	142	51344	0.980	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	27785	0.525	ng/ul	100
15) Phenanthrene	17.544	178	42957	0.456	ng/ul	100
16) Anthracene	17.544	178	28322	0.327	ng/ul	99
19) Fluoranthene	19.557	202	14291	0.201	ng/ul	99
20) Pyrene	19.919	202	8880	0.123	ng/ul#	92
21) Benzo(a)anthracene	21.676	228	2254	0.041	ng/ul#	92
22) Chrysene	21.729	228	3935	0.073	ng/ul#	94
24) Benzo(b)fluoranthene	23.465	252	6612	0.114	ng/ul#	64
26) Benzo(a)pyrene	24.140	252	4347	0.083	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.964	276	4880	0.069	ng/ul#	41
28) Dibenzo(a,h)anthracene	26.991	278	1093	0.022	ng/ul#	2
29) Benzo(g,h,i)perylene	27.806	276	5241	0.089	ng/ul#	87

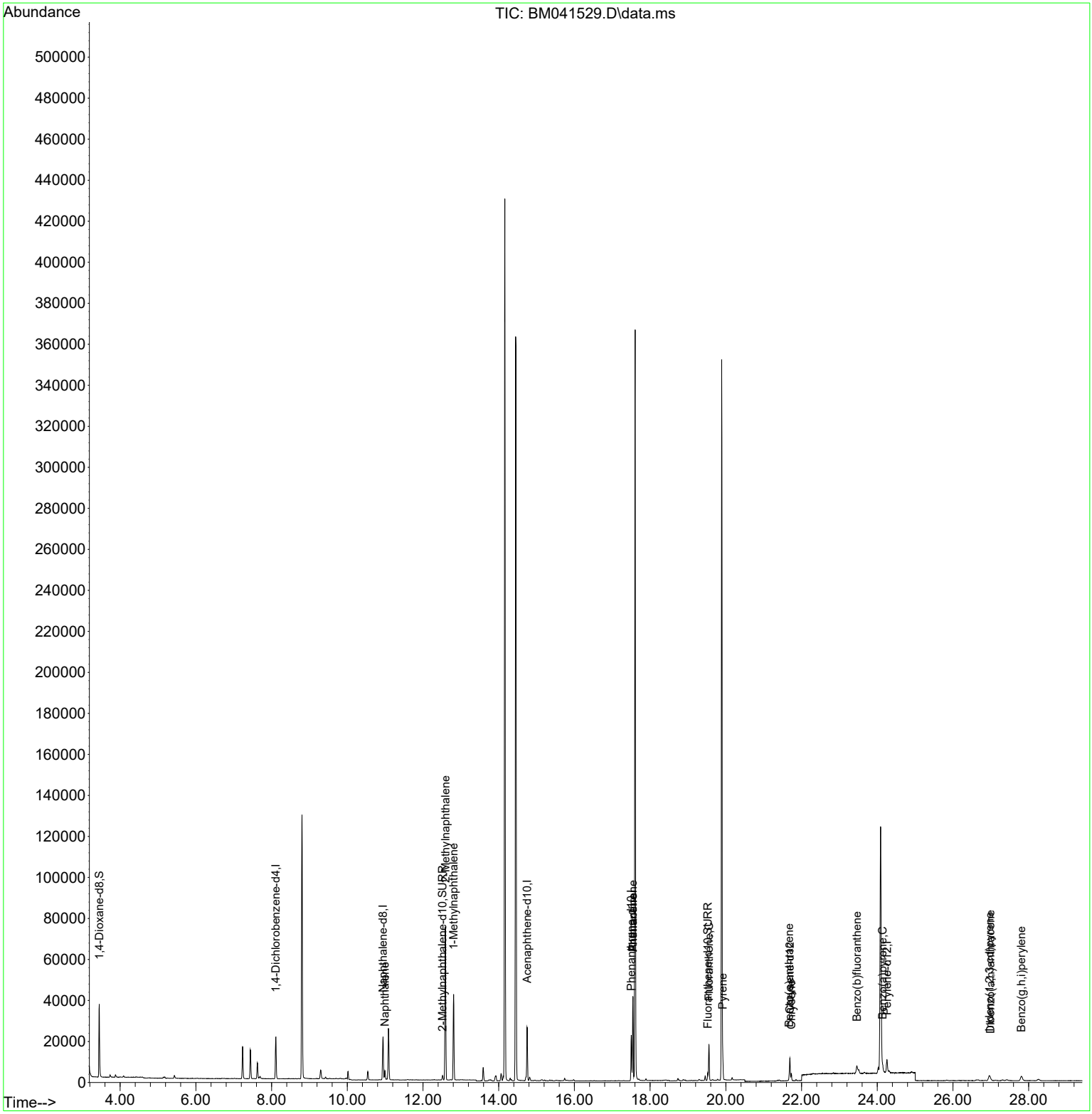
(#) = qualifier out of range (m) = manual integration (+) = signals summed

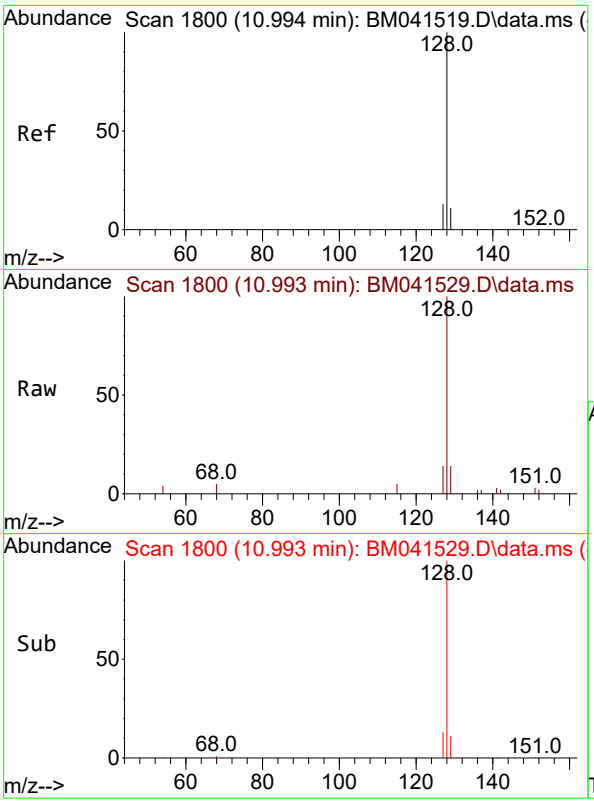
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041529.D
Acq On : 28 Aug 2023 19:40
Operator : MA/JU
Sample : 04037-03DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Quant Time: Aug 29 02:49:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration



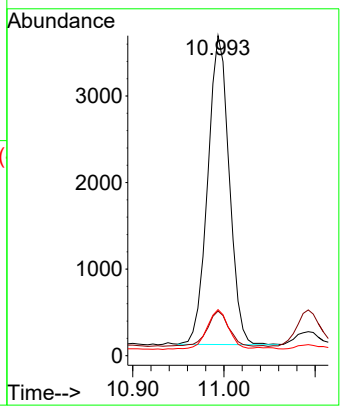


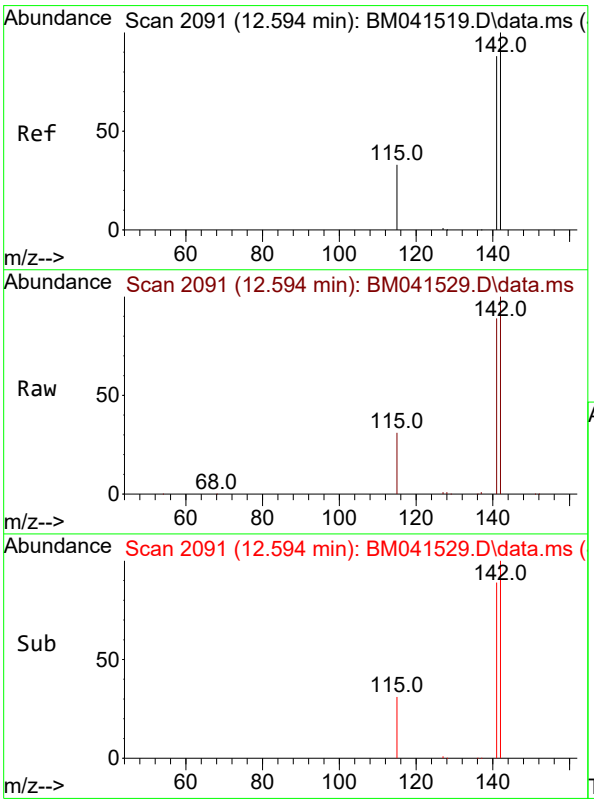
#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:128 Resp: 5822

Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.9	13.3#
127	14.4	10.6	15.8

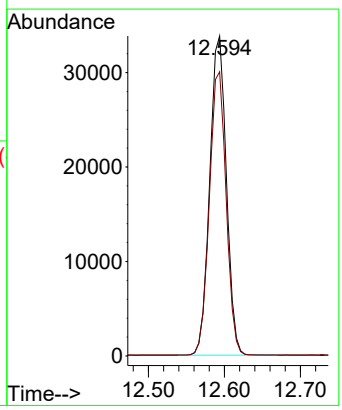


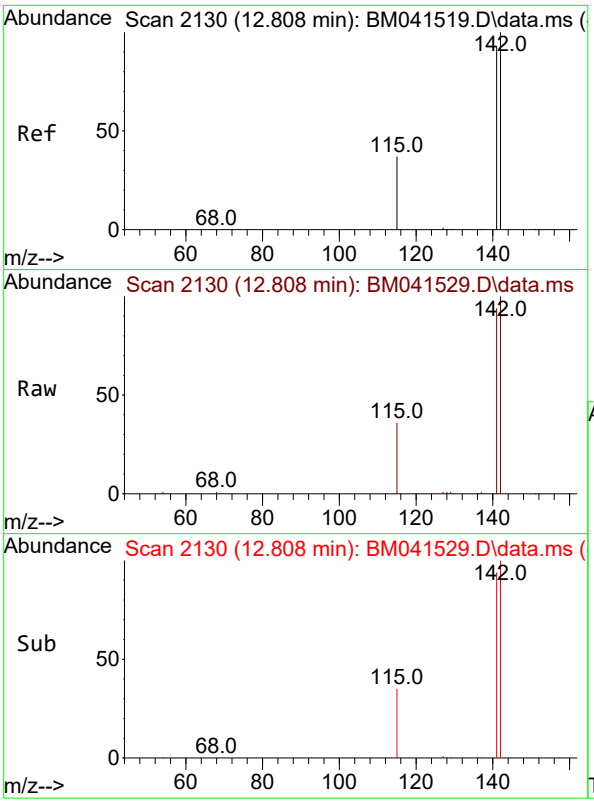


#7
2-Methylnaphthalene
Concen: 0.980 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:142 Resp: 51344

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6



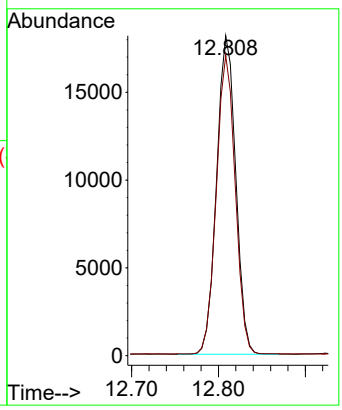


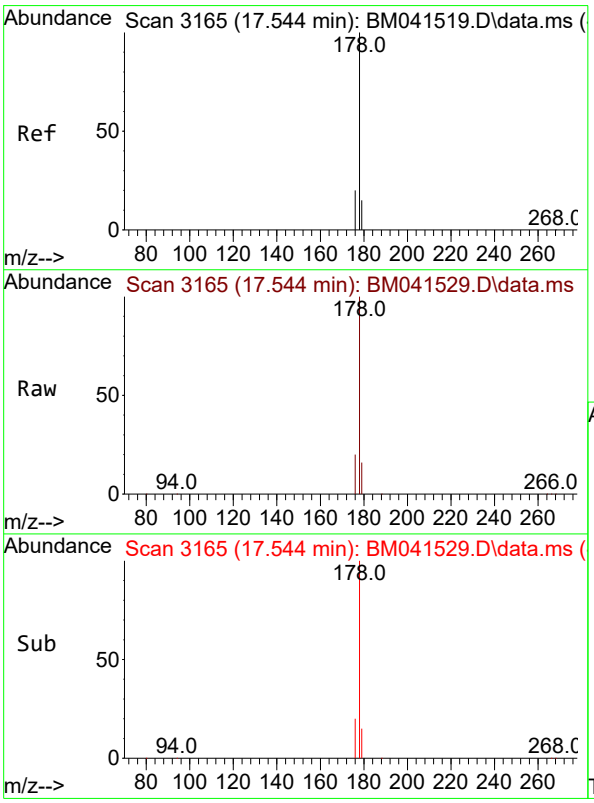
#8
1-Methylnaphthalene
Concen: 0.525 ng/ul
RT: 12.808 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:142 Resp: 27785

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9

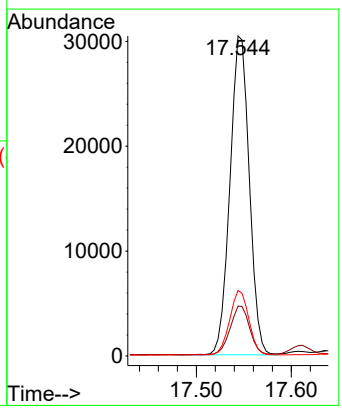


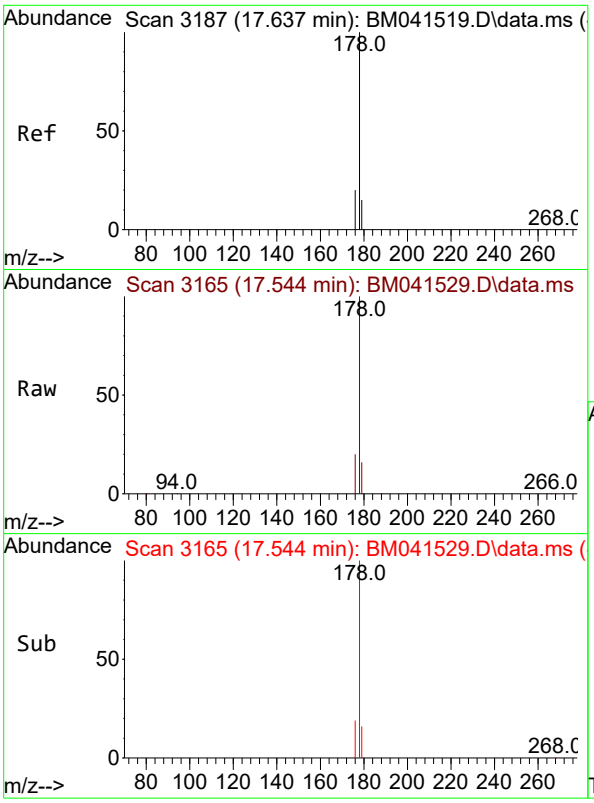


#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:178 Resp: 42957

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	20.4	16.3	24.5



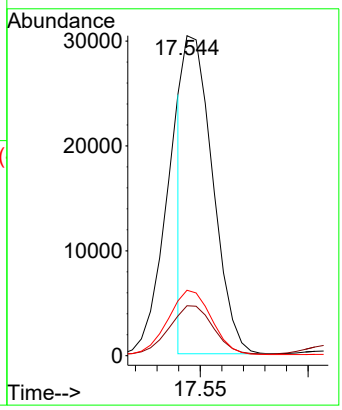


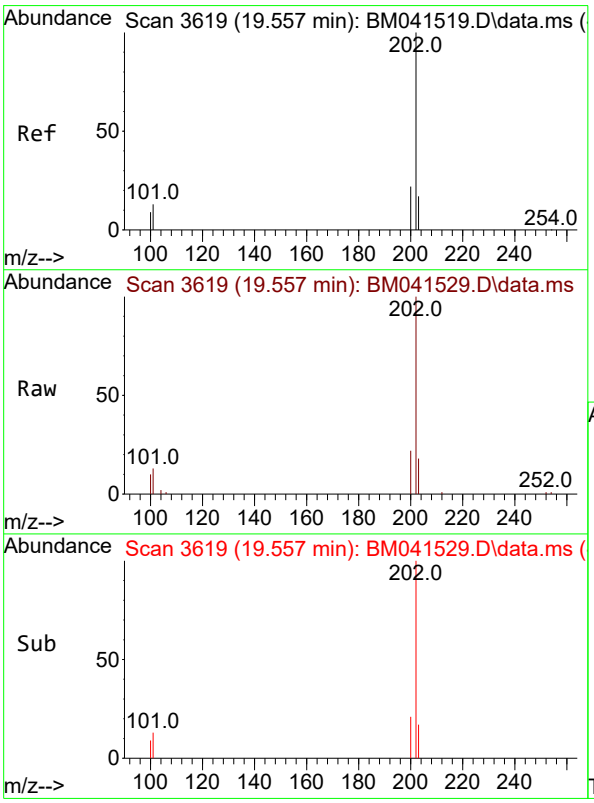
#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.544 min Scan# 3
Delta R.T. -0.093 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:178 Resp: 28322

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.4	15.9	23.9

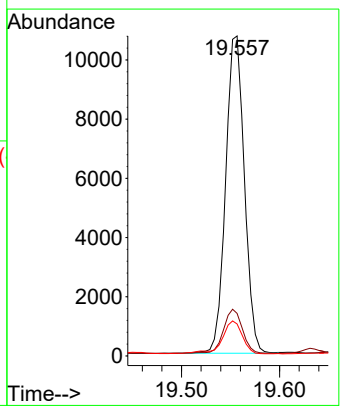


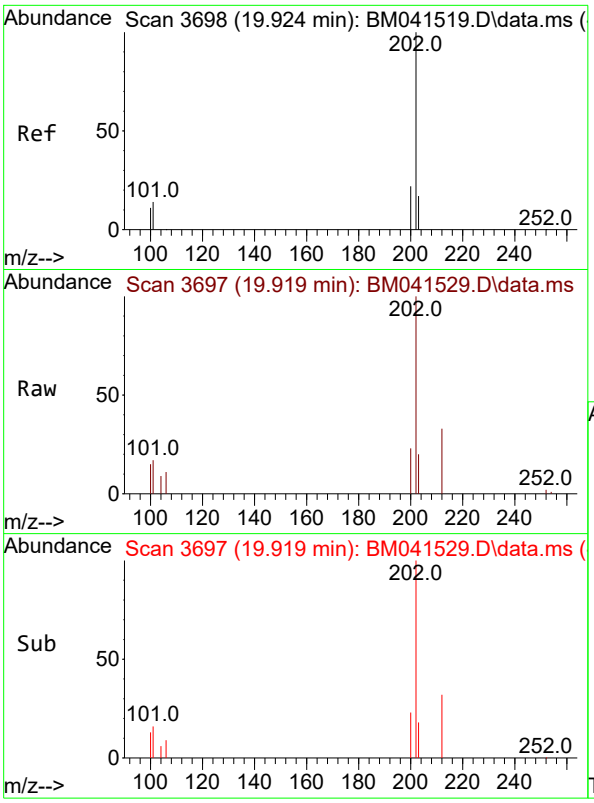


#19
Fluoranthene
Concen: 0.201 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:202 Resp: 14291

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.5	15.7
100	10.0	7.8	11.6



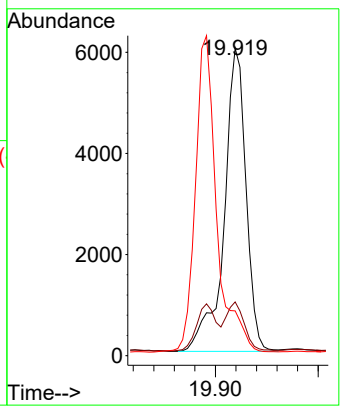


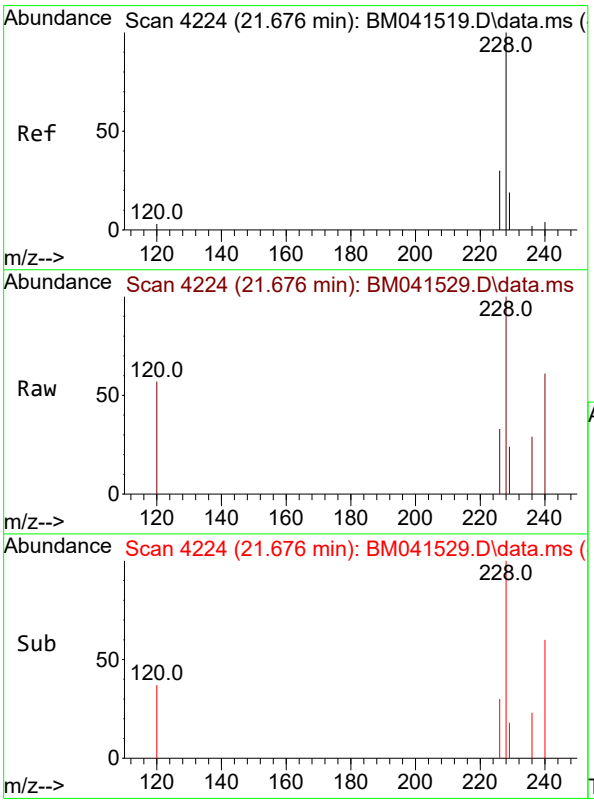
#20
Pyrene
Concen: 0.123 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:202 Resp: 8880

Ion	Ratio	Lower	Upper
202	100		
101	17.5	11.6	17.4#
100	14.5	9.1	13.7#

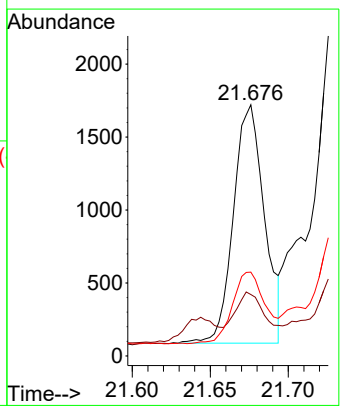


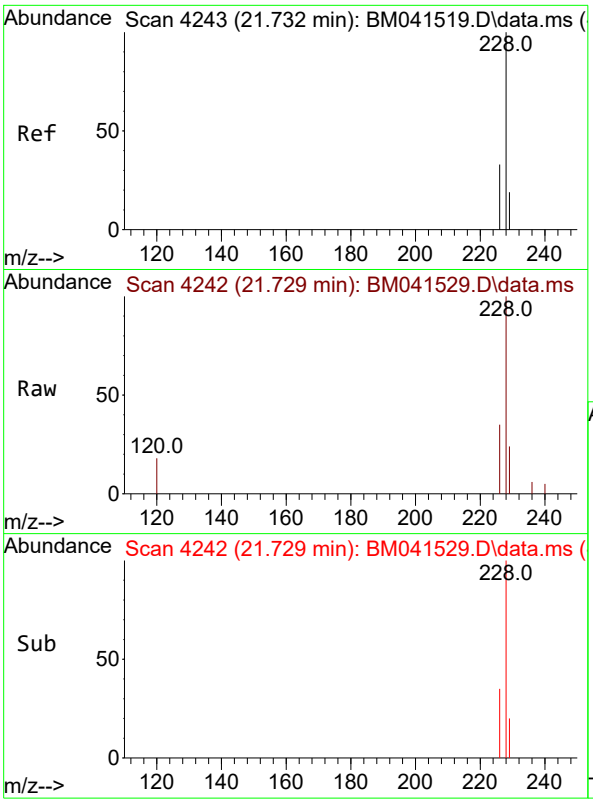


#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.676 min Scan# 4224
Delta R.T. -0.000 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:228 Resp: 2254

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.8	23.6#
226	33.3	24.0	36.0



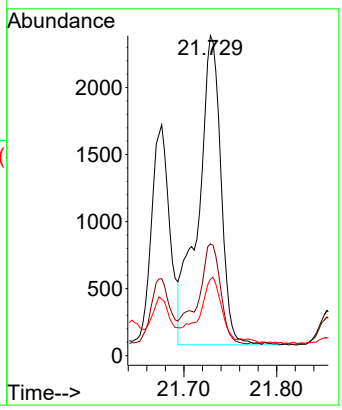


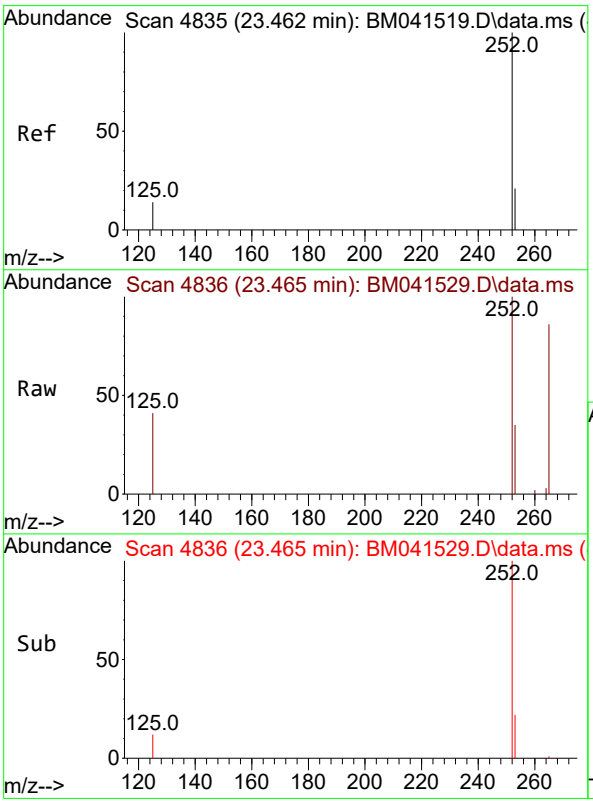
#22
Chrysene
Concen: 0.073 ng/ul
RT: 21.729 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:228 Resp: 3935

Ion	Ratio	Lower	Upper
228	100		
226	34.9	26.3	39.5
229	23.8	15.4	23.2#

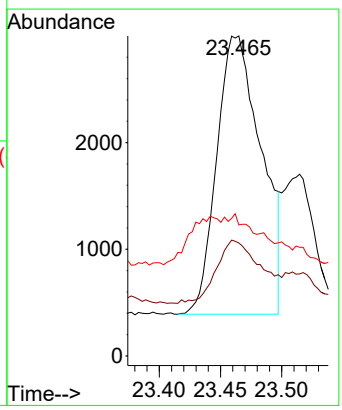


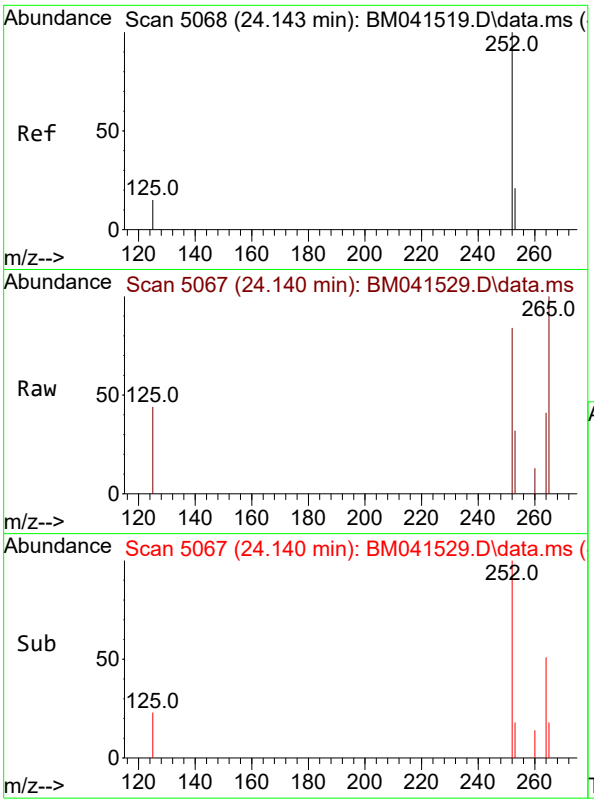


#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul
RT: 23.465 min Scan# 4836
Delta R.T. 0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:252 Resp: 6612

Ion	Ratio	Lower	Upper
252	100		
253	35.3	0.0	47.0
125	40.9	0.0	37.2#



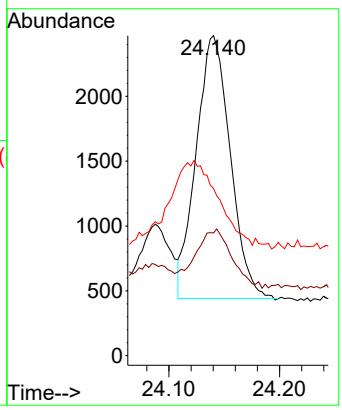


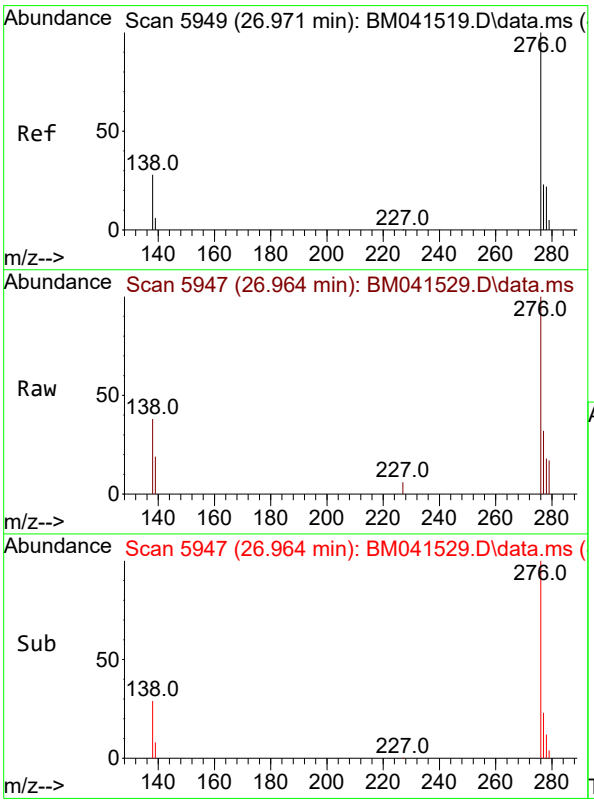
#26
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 24.140 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:252 Resp: 4347

Ion	Ratio	Lower	Upper
252	100		
253	38.4	20.0	30.0#
125	52.3	17.1	25.7#

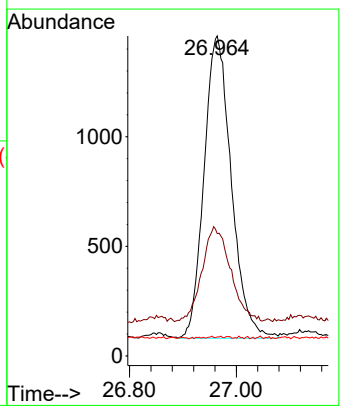


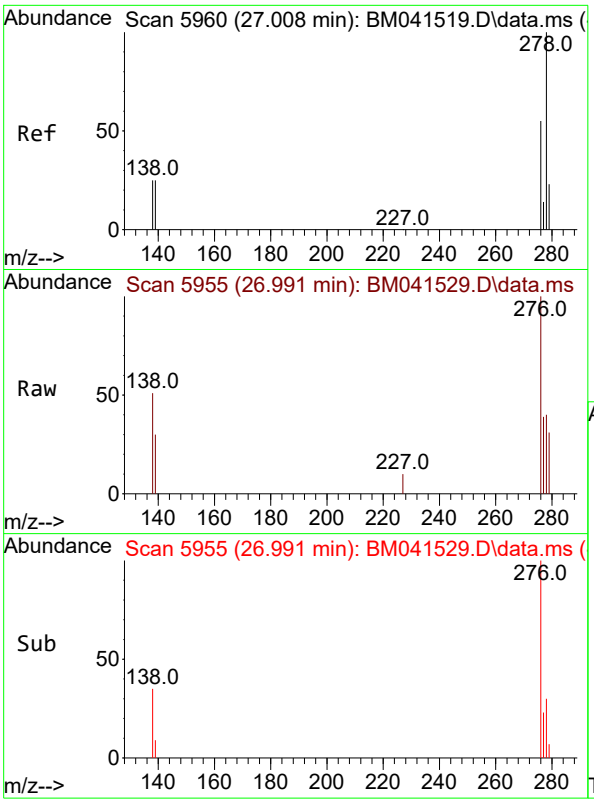


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. -0.007 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:276 Resp: 4880

Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.3	40.9#
227	0.1	0.0	0.0#



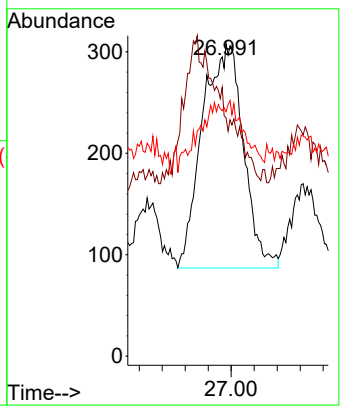


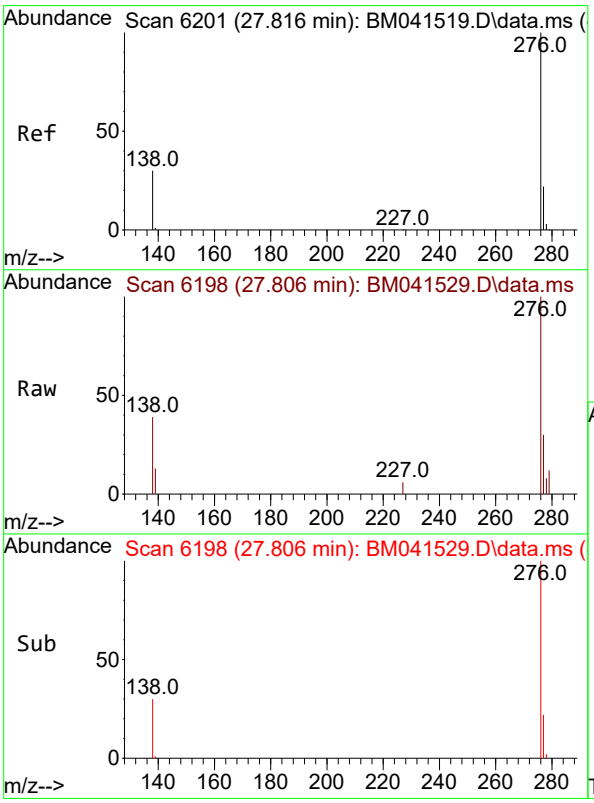
#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.991 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Instrument :
BNA_M
ClientSampleId :
EZYJ8DL

Tgt Ion:278 Resp: 1093

Ion	Ratio	Lower	Upper
278	100		
139	76.3	22.2	33.2#
279	78.2	20.4	30.6#





#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 27.806 min Scan# 6198
Delta R.T. -0.010 min
Lab File: BM041529.D
Acq: 28 Aug 2023 19:40

Tgt Ion:276 Resp: 5241

Ion	Ratio	Lower	Upper
276	100		
138	39.4	25.9	38.9#
277	30.2	19.1	28.7#