Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032172.D
Acq On : 22 Jun 2024 18:33
Operator : MA/JU
Sample : P2899-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB2

Quant Time: Jun 22 23:42:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	329196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1313345	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	789898	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1546155	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1338573	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1566355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	27985	3.517	ng/uL	0.00
4) Pyridine-d5	3.581	84	51196	2.286	ng/ul	0.01
7) Phenol-d5	6.810	99	593260	21.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	324314	19.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	526568	24.453	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	352577	15.326	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	255280	25.422	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	279639	26.958	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	467014	24.116	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	87062	3.028	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	1376323	25.011	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1594848	25.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	224254	20.353	ng/ul	0.00
60) Fluorene-d10	15.275	176	1175491	25.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	167579	21.563	ng/ul	0.00
73) Anthracene-d10	17.122	188	1740723	26.297	ng/ul	0.00
81) Pyrene-d10	19.427	212	1678291	23.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1307880	17.486	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.787	77	21160	1.599	ng/ul	99
8) Phenol	6.840	94	65673	2.287	ng/ul	93
16) Acetophenone	8.452	105	398032	11.417	ng/ul	99
50) Acenaphthylene	13.998	152	236915	3.313	ng/ul	100
72) Phenanthrene	17.069	178	258183	3.278	ng/ul	98
74) Anthracene	17.157	178	180669	2.264	ng/ul	96
80) Fluoranthene	19.092	202	370704	4.330	ng/ul	97
82) Pyrene	19.457	202	471318	5.366	ng/ul	97
83) Butylbenzylphthalate	20.363	149	134961	3.253	ng/ul	99
85) Benzo(a)anthracene	21.304	228	301930	3.370	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.169	149	230973	3.820	ng/ul	98
87) Chrysene	21.304	228	299554	3.579	ng/ul#	95
90) Benzo(b)fluoranthene	23.257	252	428409	4.576	ng/ul#	88
93) Benzo(a)pyrene	24.039	252	216100	2.464	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	27.451	276	245253	2.427	ng/ul	93

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

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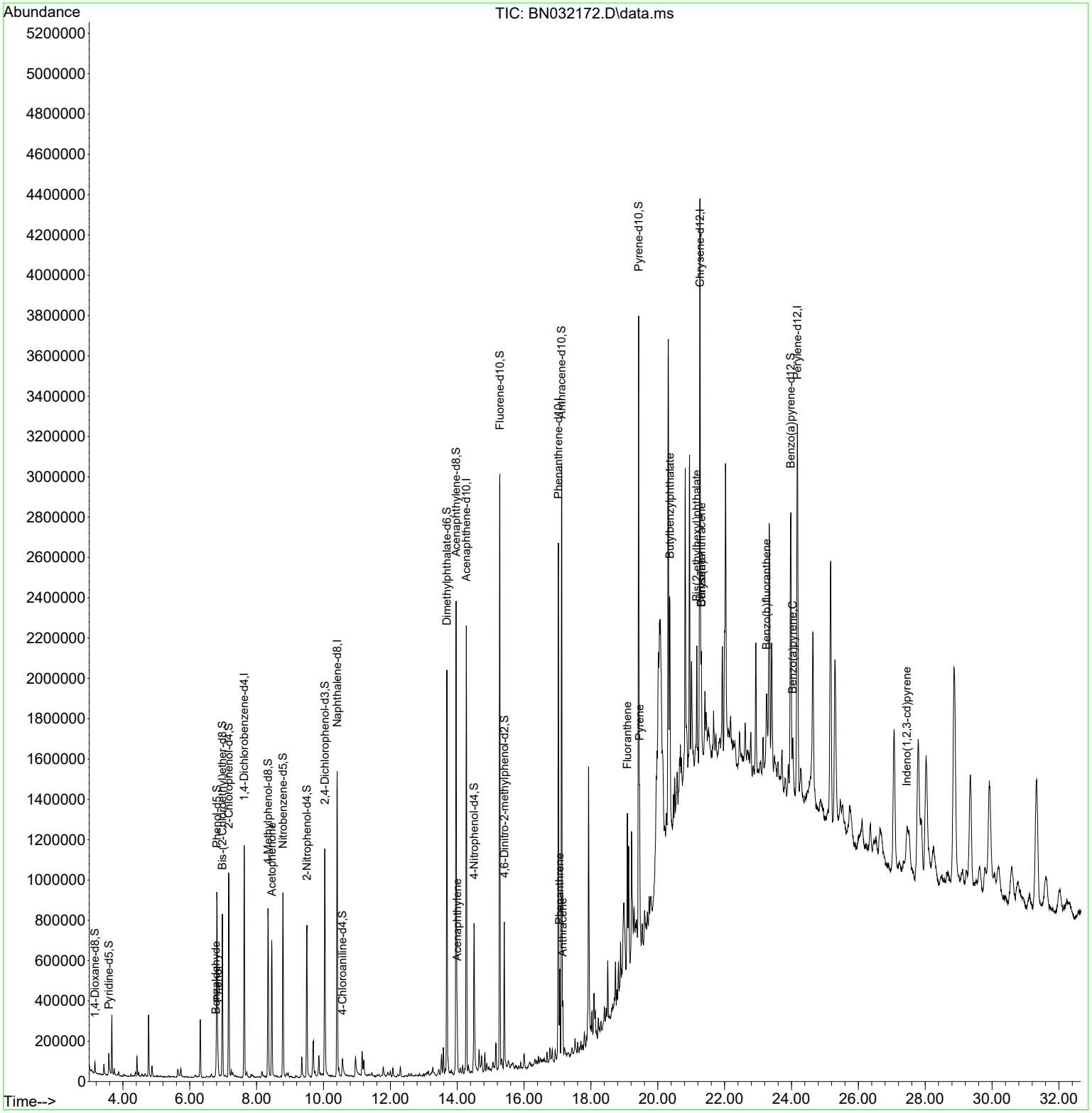
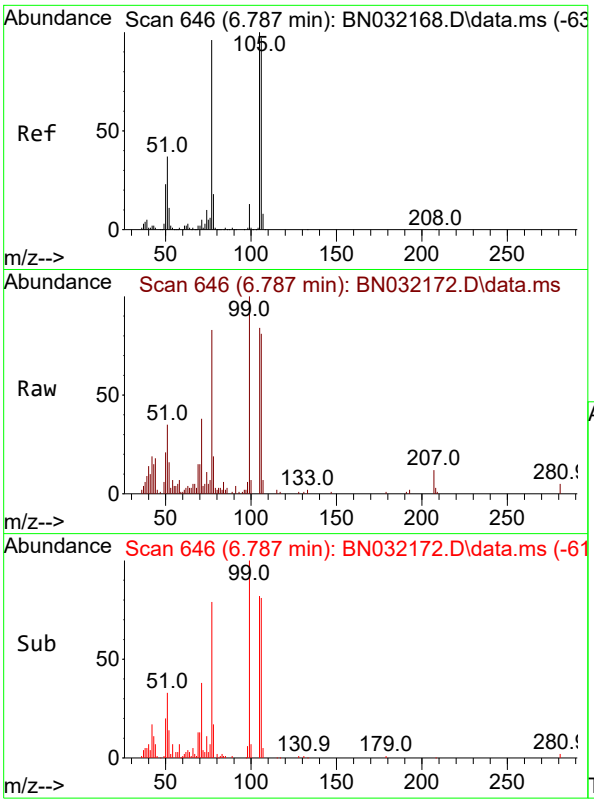
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration



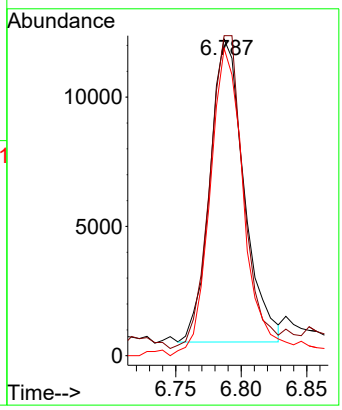


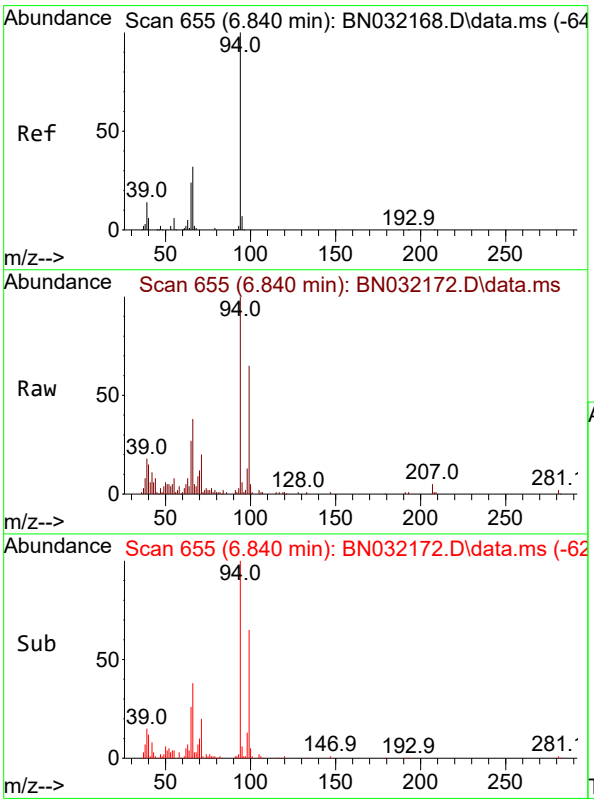
#6
Benzaldehyde
Concen: 1.599 ng/ul
RT: 6.787 min Scan# 64
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion: 77 Resp: 21160

Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.2	120.4
106	97.1	76.8	115.2

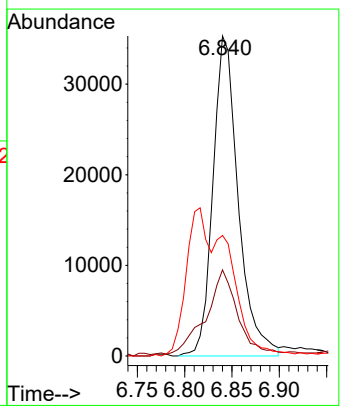


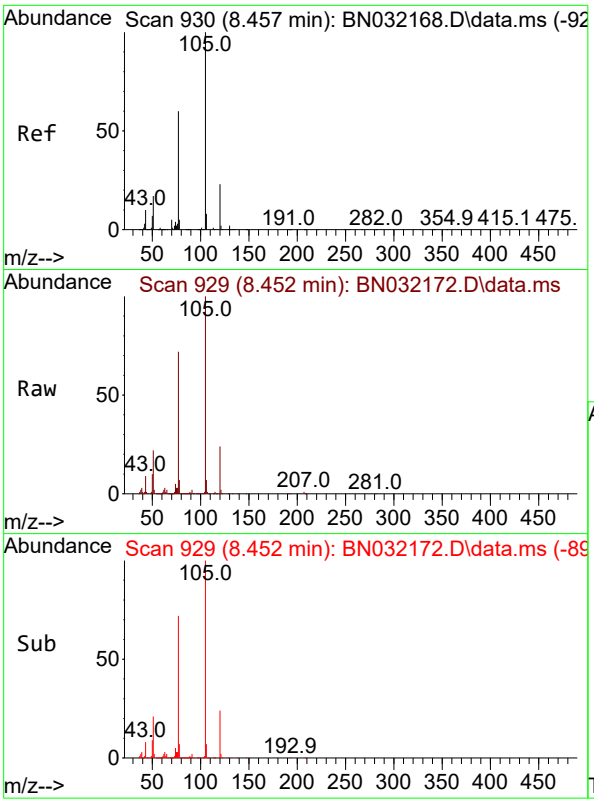


#8
Phenol
Concen: 2.287 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion: 94 Resp: 65673

Ion	Ratio	Lower	Upper
94	100		
65	26.9	20.3	30.5
66	37.7	25.8	38.8



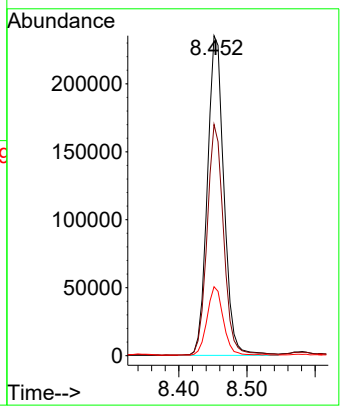


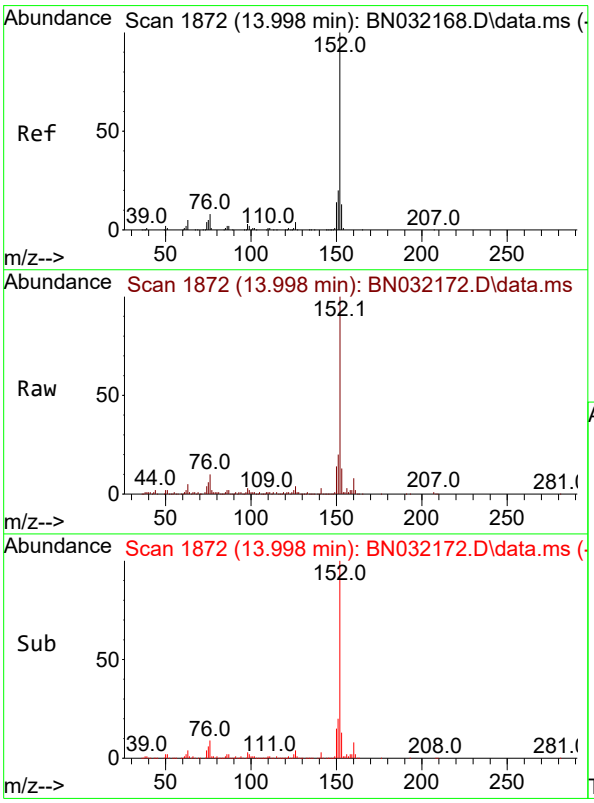
#16
Acetophenone
Concen: 11.417 ng/ul
RT: 8.452 min Scan# 9
Delta R.T. -0.012 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:105 Resp: 398032

Ion	Ratio	Lower	Upper
105	100		
77	72.2	58.6	87.8
51	21.6	17.2	25.8

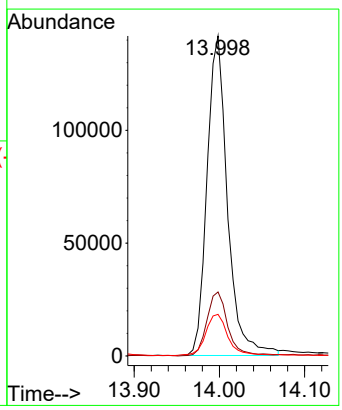


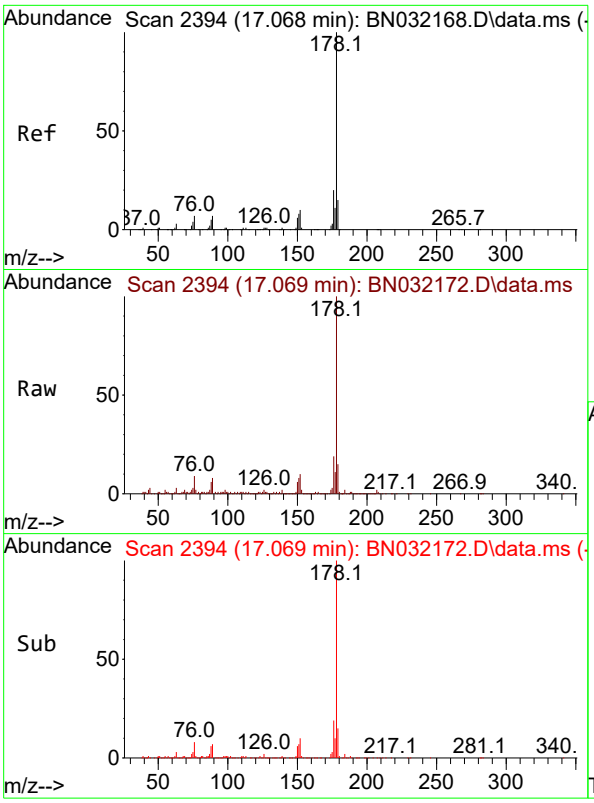


#50
Acenaphthylene
Concen: 3.313 ng/ul
RT: 13.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:152 Resp: 236915

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.4	15.6



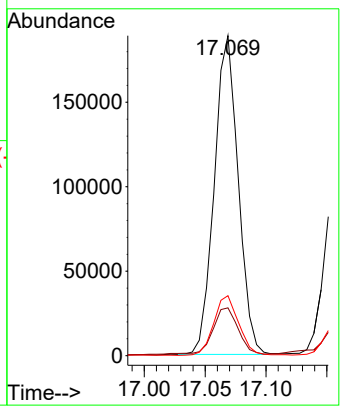


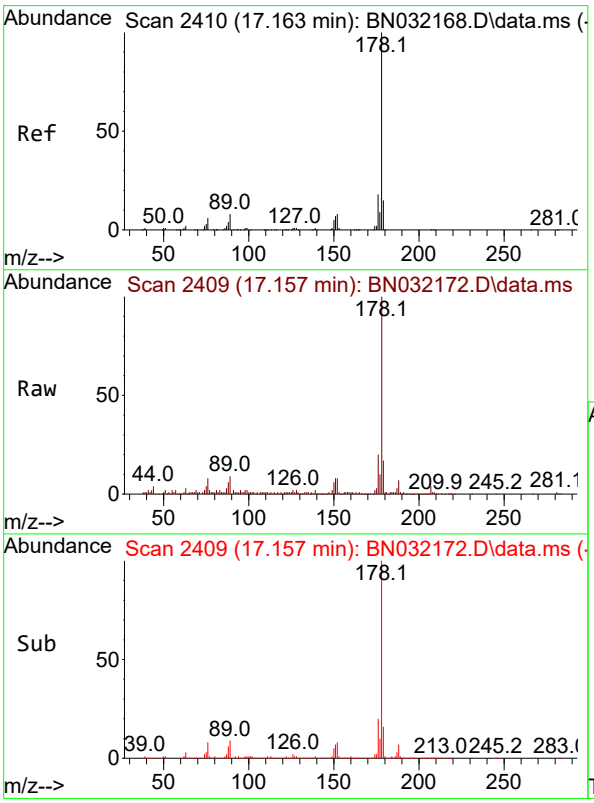
#72
Phenanthrene
Concen: 3.278 ng/ul
RT: 17.069 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:178 Resp: 258183

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.8	15.8	23.6

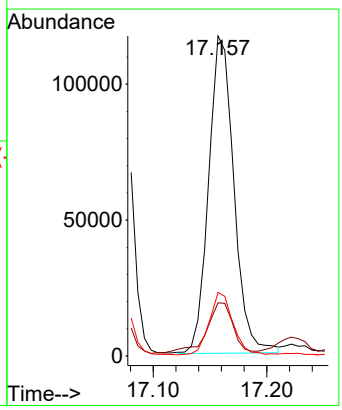


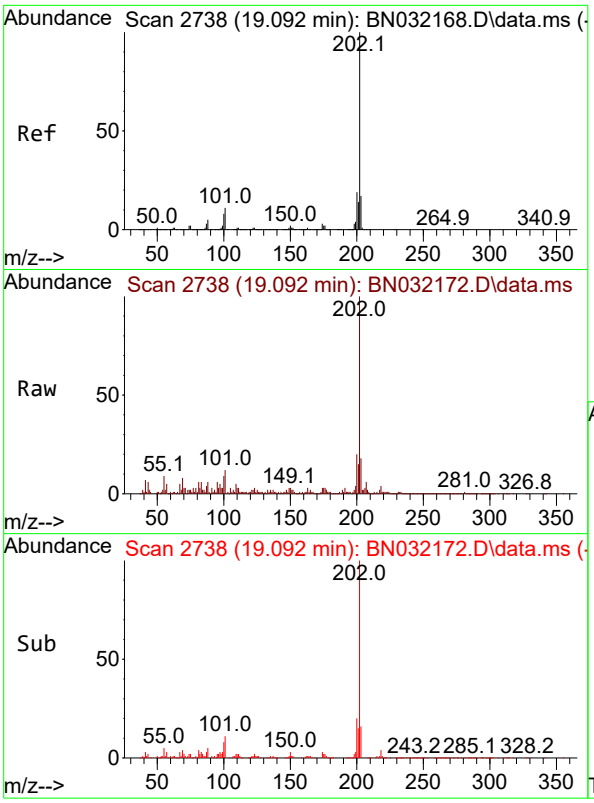


#74
Anthracene
Concen: 2.264 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:178 Resp: 180669

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.6
176	19.9	14.8	22.2



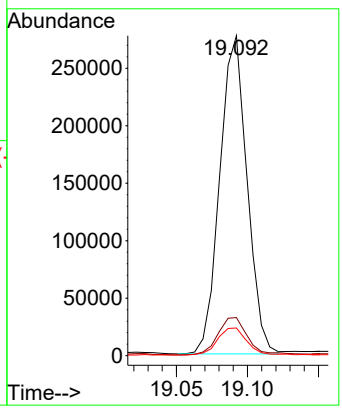


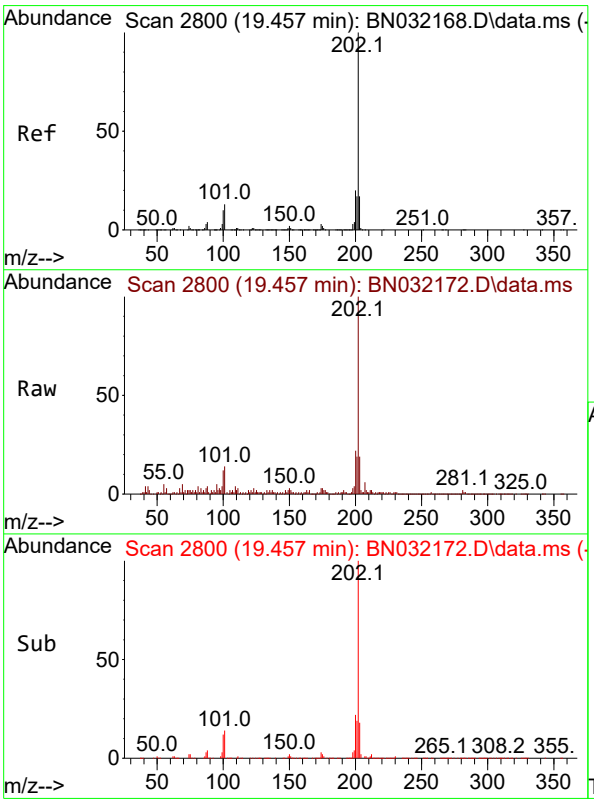
#80
Fluoranthene
Concen: 4.330 ng/ul
RT: 19.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:202 Resp: 370704

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.3	15.5
100	8.7	8.0	12.0

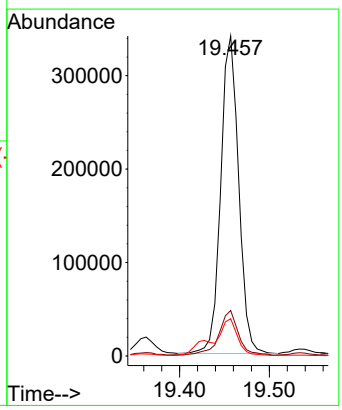


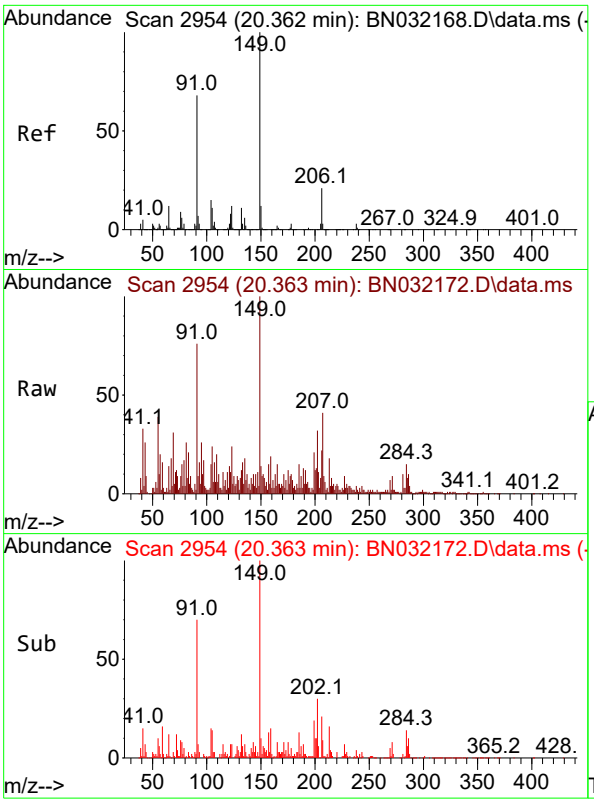


#82
Pyrene
Concen: 5.366 ng/ul
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:202 Resp: 471318

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.6	10.2	15.2



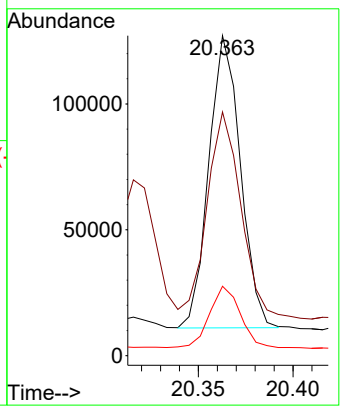


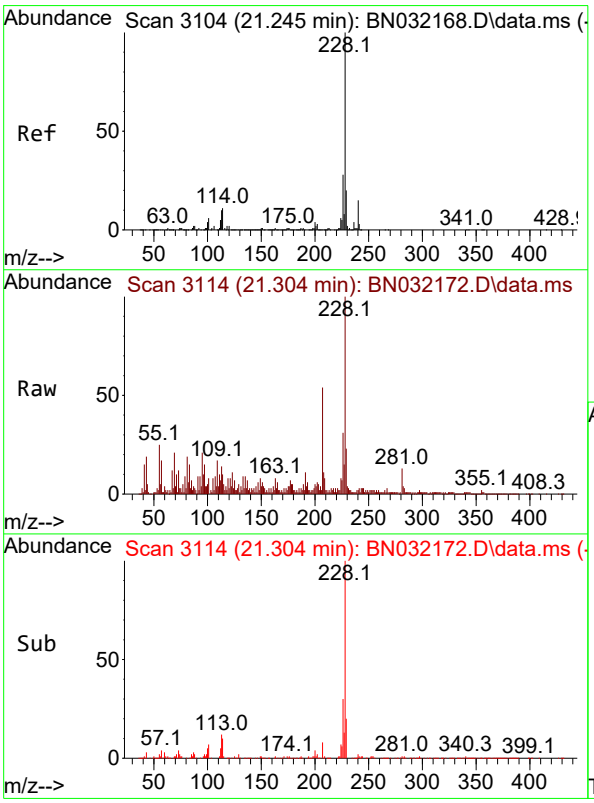
#83
Butylbenzylphthalate
Concen: 3.253 ng/ul
RT: 20.363 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:149 Resp: 134961

Ion	Ratio	Lower	Upper
149	100		
91	76.2	61.0	91.4
206	21.7	16.5	24.7

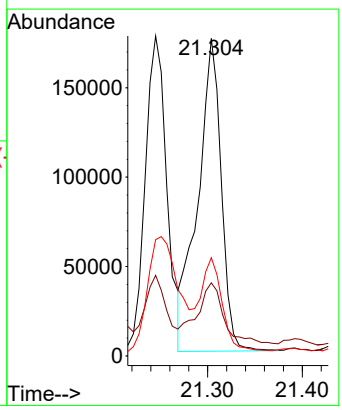


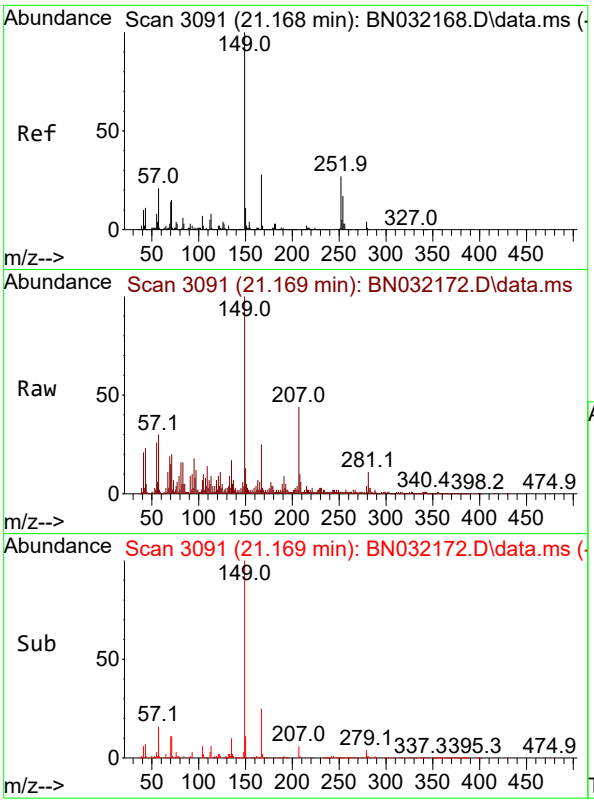


#85
Benzo(a)anthracene
Concen: 3.370 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. 0.053 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:228 Resp: 301930

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.7	25.1
226	31.0	22.8	34.2



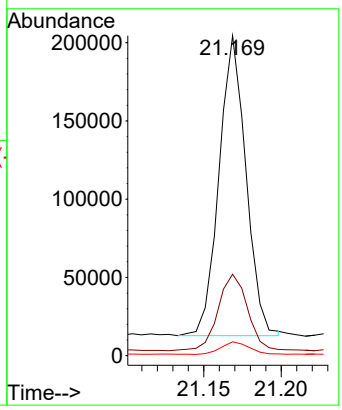


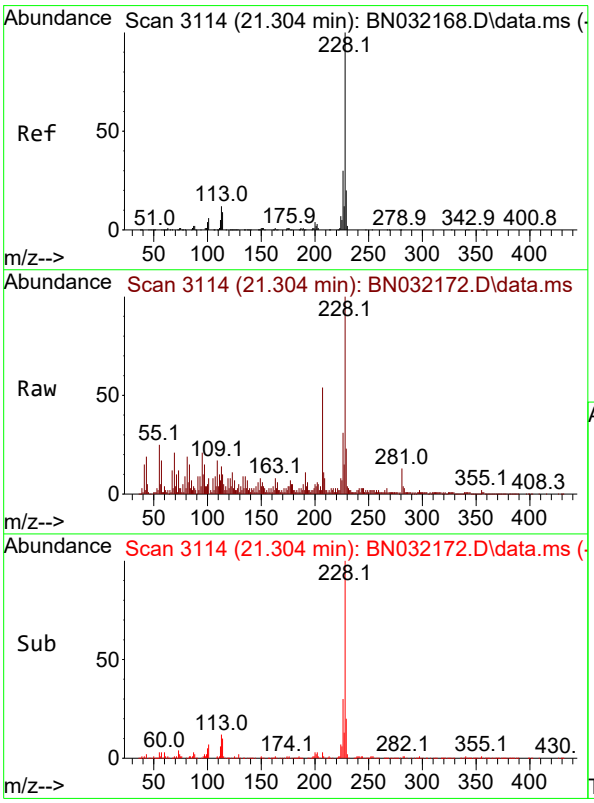
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.820 ng/ul
RT: 21.169 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:149 Resp: 230973

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	4.4	3.3	4.9

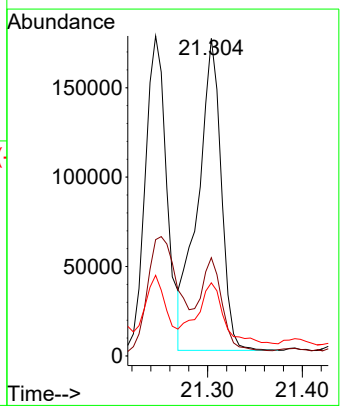


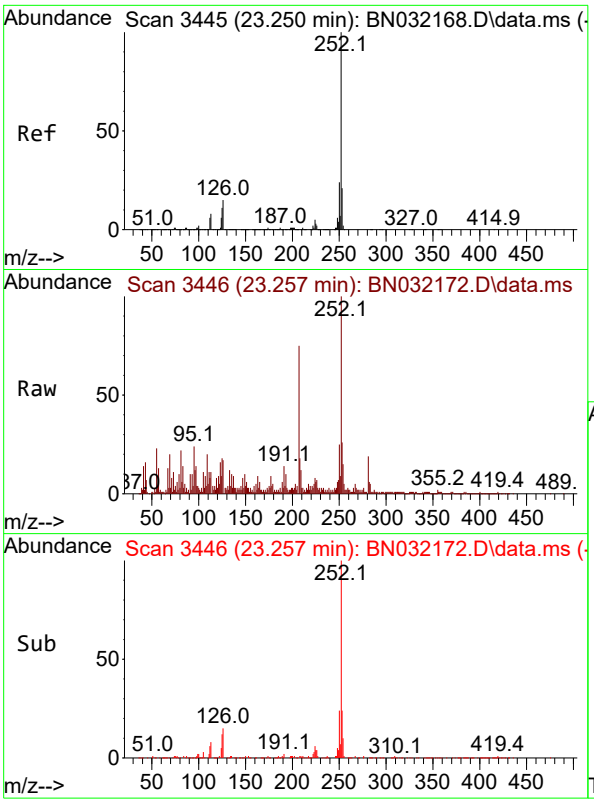


#87
Chrysene
Concen: 3.579 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:228 Resp: 299554

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	23.0	15.1	22.7#



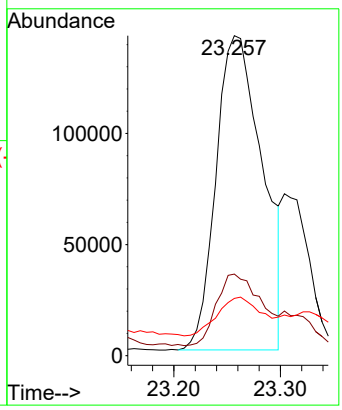


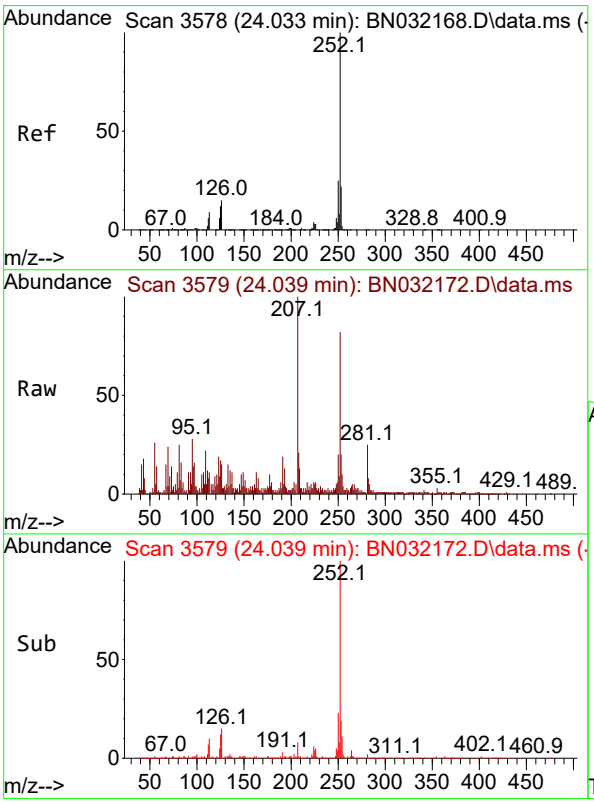
#90
Benzo(b)fluoranthene
Concen: 4.576 ng/ul
RT: 23.257 min Scan# 34
Delta R.T. -0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:252 Resp: 428409

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	17.9	9.2	13.8#

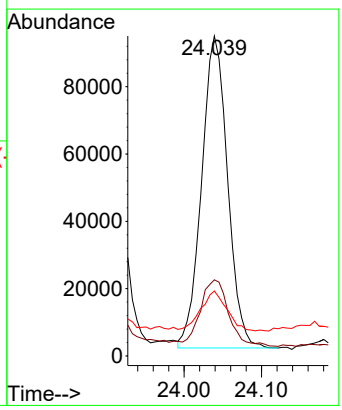


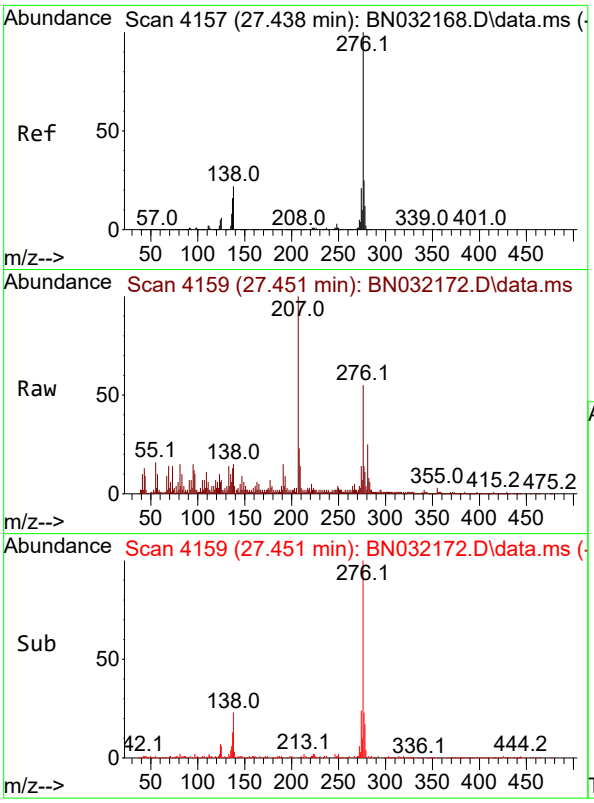


#93
Benzo(a)pyrene
Concen: 2.464 ng/ul
RT: 24.039 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Tgt Ion:252 Resp: 216100

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.6	24.8
125	20.3	9.8	14.8#





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.427 ng/ul
RT: 27.451 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN032172.D
Acq: 22 Jun 2024 18:33

Instrument :
BNA_N
ClientSampleId :
C0AB2

Tgt Ion:276 Resp: 245253

Ion	Ratio	Lower	Upper
276	100		
138	26.3	18.1	27.1
277	25.8	18.2	27.2