Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Quant Time: Oct 28 01:28:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 00:29:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	166406	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	676391	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.604	164	342018	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.363	188	587742	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	469436	20.000	ng/ul	-0.01
88) Perylene-d12	24.021	264	498679	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	17394	3.962	ng/uL	0.00
4) Pyridine-d5	3.699	84	35372	2.590	ng/ul	0.02
7) Phenol-d5	7.093	99	306703	18.853	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	206092	20.217	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	245710	21.784	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	166129	12.852	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	118075	23.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	122576	24.113	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	200758	21.039	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	188133	12.059	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	559652	23.474	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	635775	23.880	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	61067	12.000	ng/ul	0.00
60) Fluorene-d10	15.604	176	451934	22.474	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	36764	10.964	ng/ul	0.00
73) Anthracene-d10	17.463	188	565564	22.143	ng/ul	0.00
81) Pyrene-d10	19.763	212	629412	26.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	593148	24.254	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.404	178	56713	1.789	ng/ul	97
78) Di-n-butylphthalate	18.333	149	74019	2.050	ng/ul	98
80) Fluoranthene	19.427	202	105847	3.608	ng/ul	99
82) Pyrene	19.792	202	92941	3.028	ng/ul	100
85) Benzo(a)anthracene	21.545	228	46027	1.534	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.469	149	22300	1.158	ng/ul#	98
87) Chrysene	21.598	228	52215	1.811	ng/ul	98
90) Benzo(b)fluoranthene	23.268	252	72229	2.296	ng/ul#	92
93) Benzo(a)pyrene	23.904	252	42859	1.525	ng/ul#	87

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

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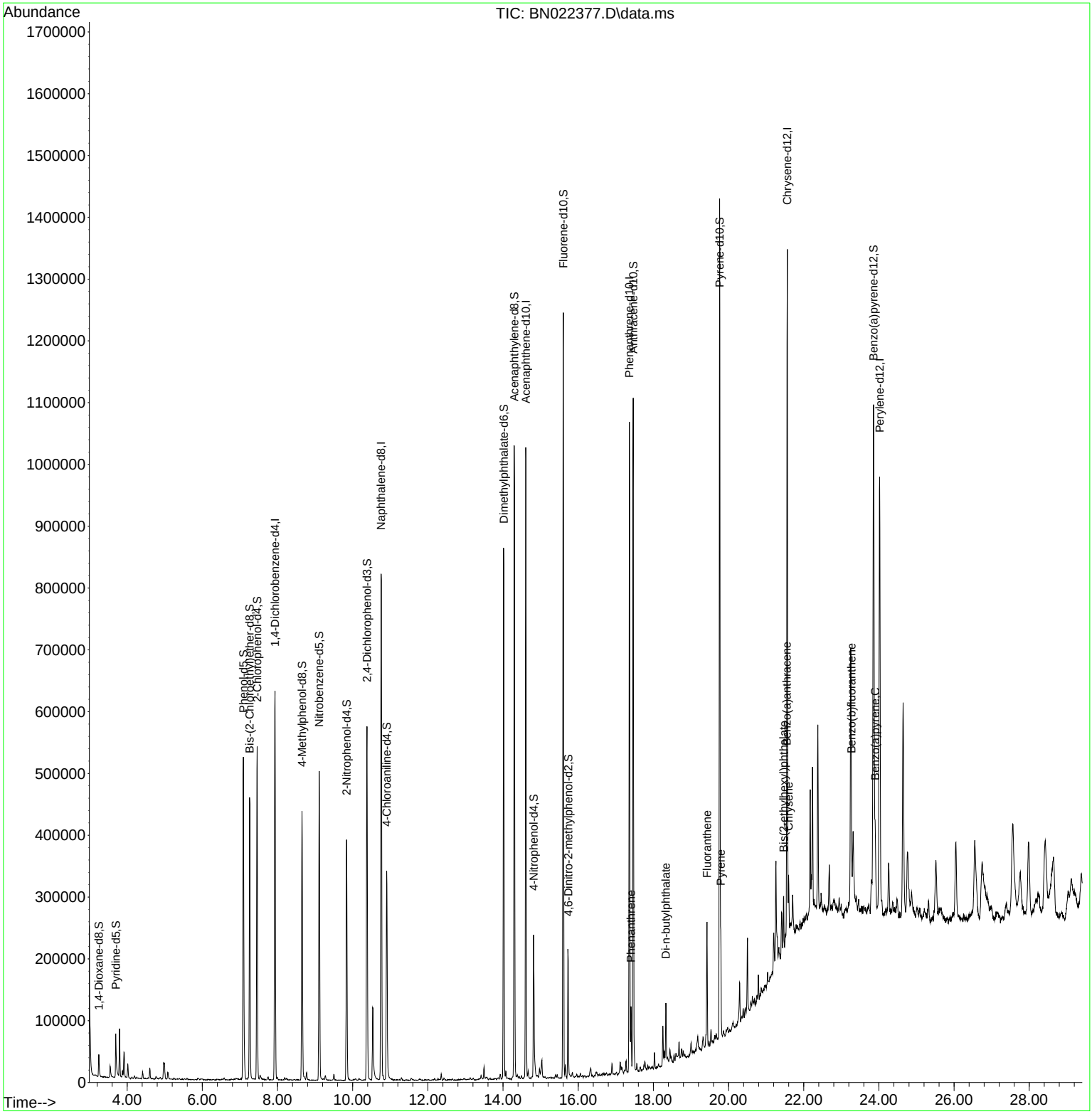
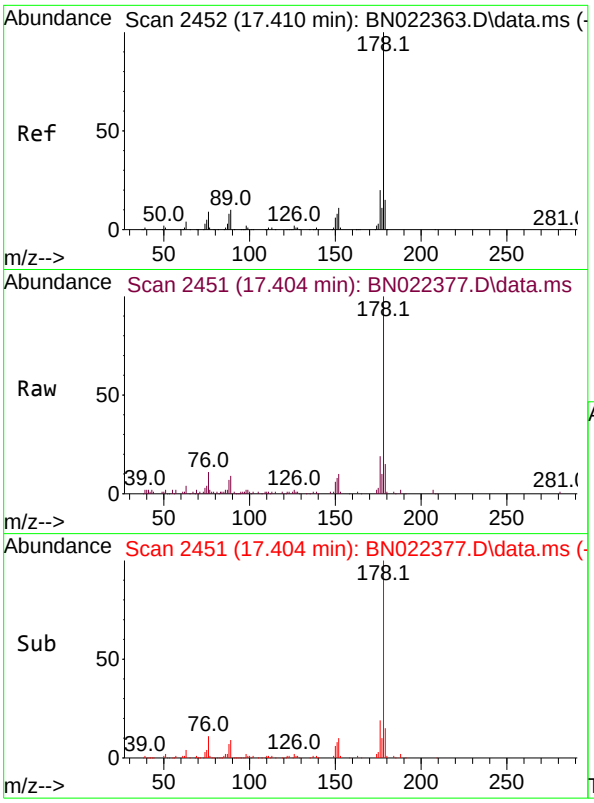


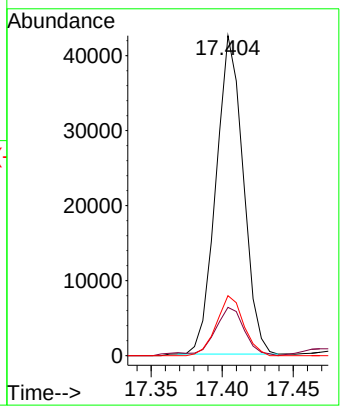


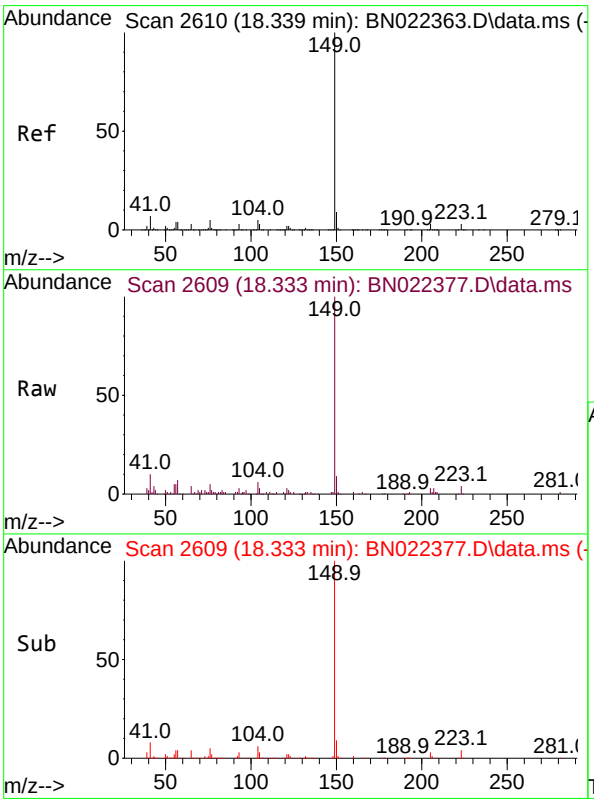
#72
Phenanthrene
Concen: 1.789 ng/ul
RT: 17.404 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Tgt Ion:178 Resp: 56713

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.7	16.5	24.7

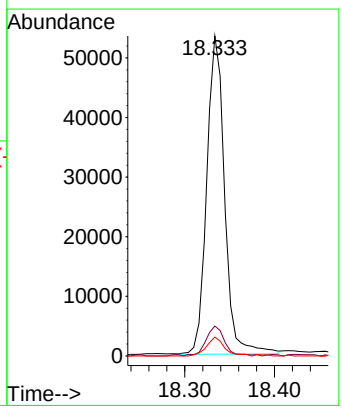


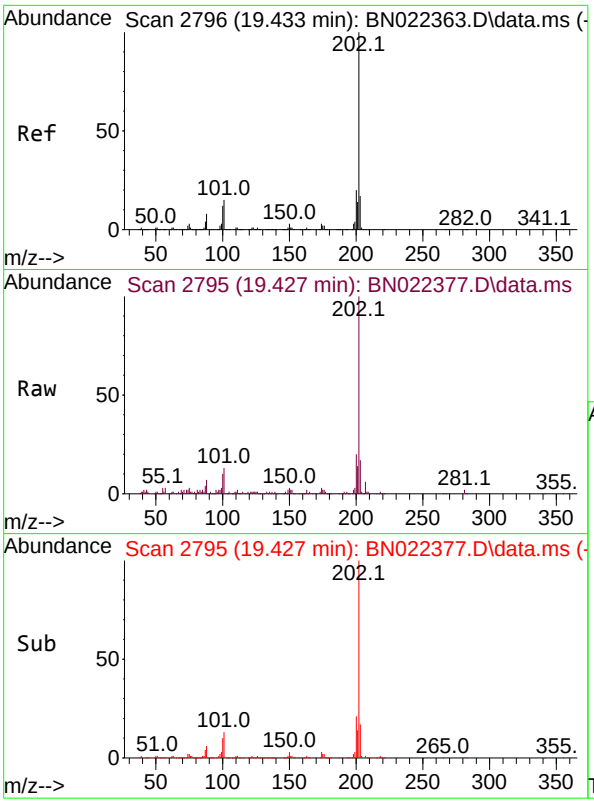


#78
Di-n-butylphthalate
Concen: 2.050 ng/ul
RT: 18.333 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Tgt Ion:149 Resp: 74019

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.9	4.2	6.2



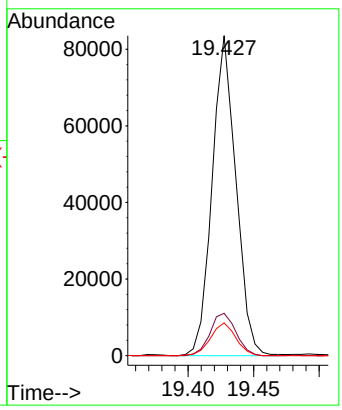


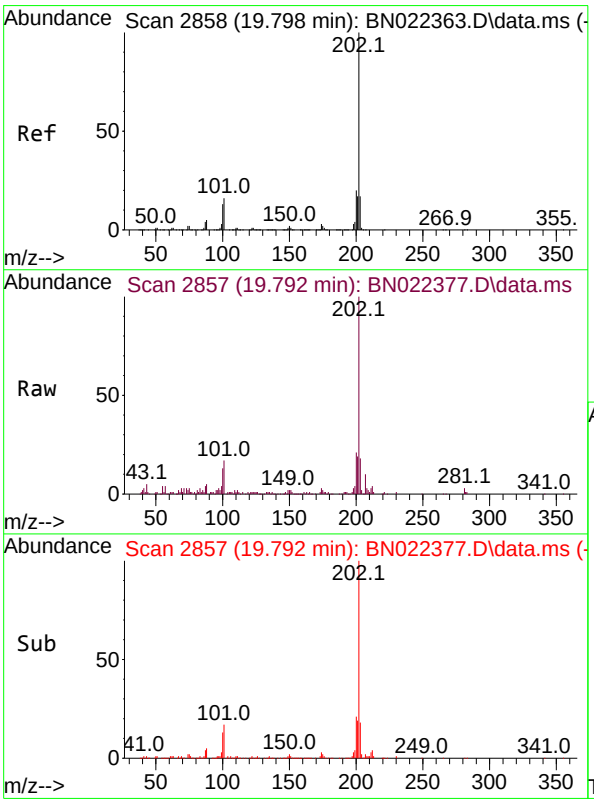
#80
Fluoranthene
Concen: 3.608 ng/ul
RT: 19.427 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Tgt Ion:202 Resp: 105847

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
100	10.2	7.8	11.8

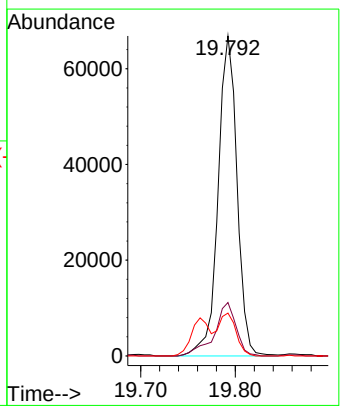


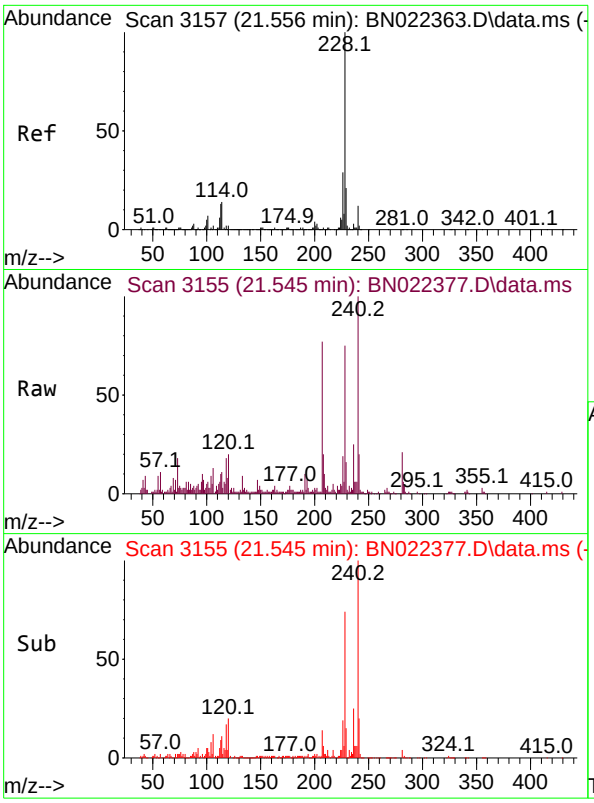


#82
Pyrene
Concen: 3.028 ng/ul
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Tgt Ion:202 Resp: 92941

Ion	Ratio	Lower	Upper
202	100		
101	16.7	13.4	20.0
100	13.4	10.9	16.3



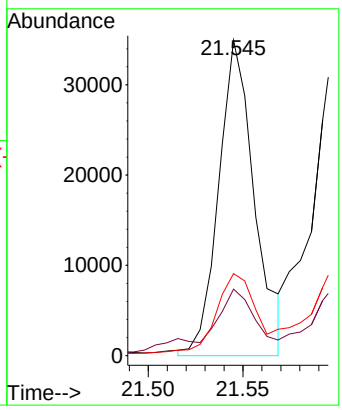


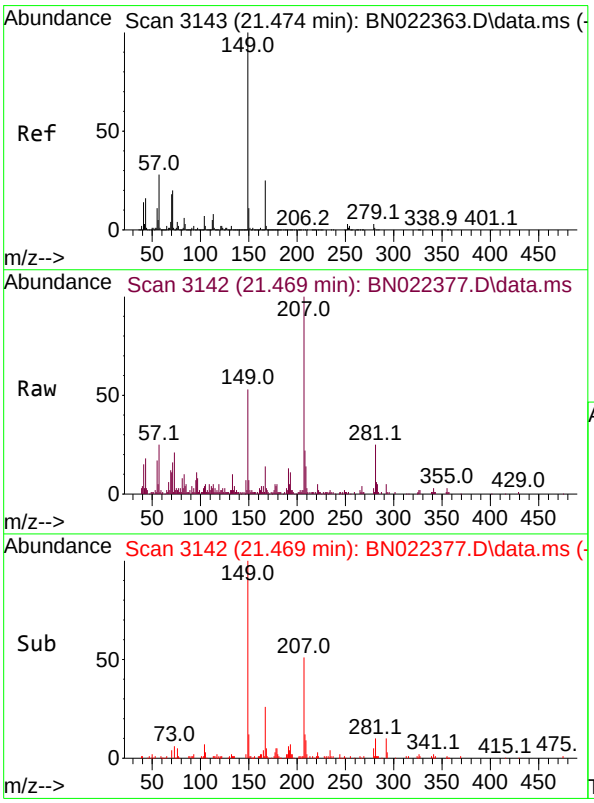
#85
Benzo(a)anthracene
Concen: 1.534 ng/ul
RT: 21.545 min Scan# 31
Delta R.T. -0.011 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Tgt Ion:228 Resp: 46027

Ion	Ratio	Lower	Upper
228	100		
229	21.1	13.5	20.3#
226	26.0	21.0	31.6

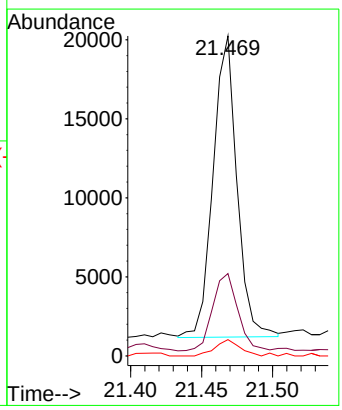


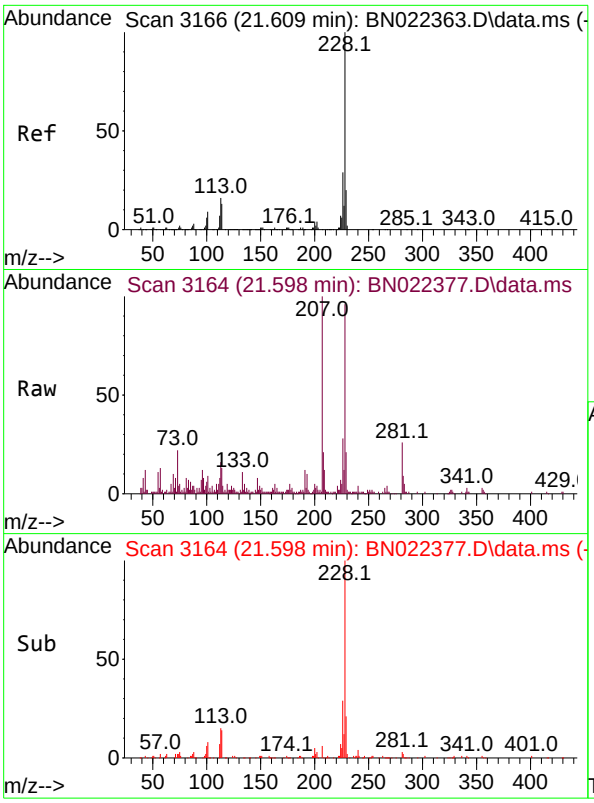


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.158 ng/ul
RT: 21.469 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Tgt Ion:149 Resp: 22300

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	5.1	2.9	4.3#



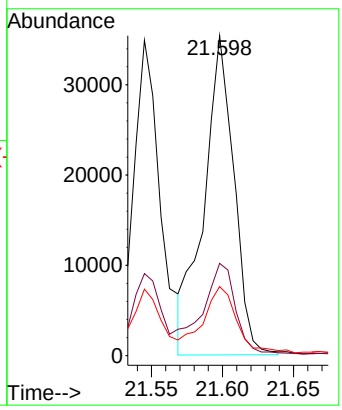


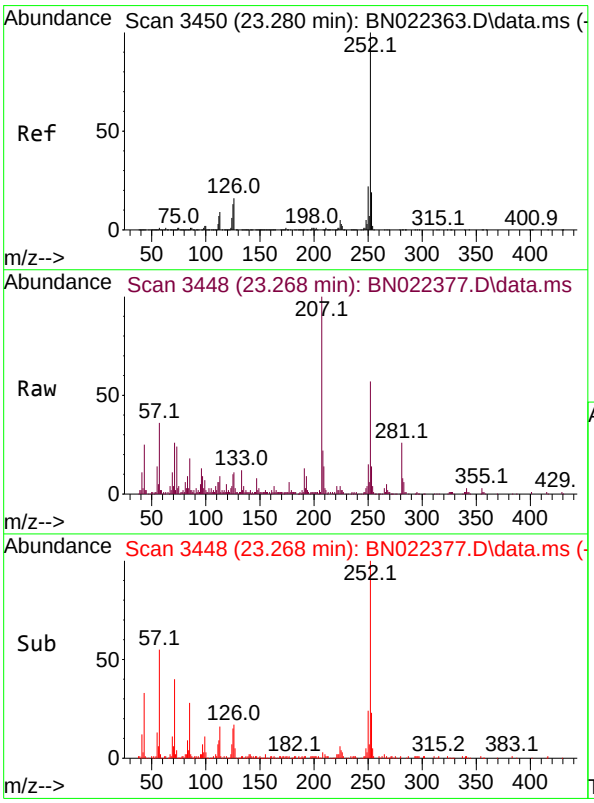
#87
Chrysene
Concen: 1.811 ng/ul
RT: 21.598 min Scan# 31
Delta R.T. -0.011 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Tgt Ion:228 Resp: 52215

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.8
229	21.6	16.5	24.7

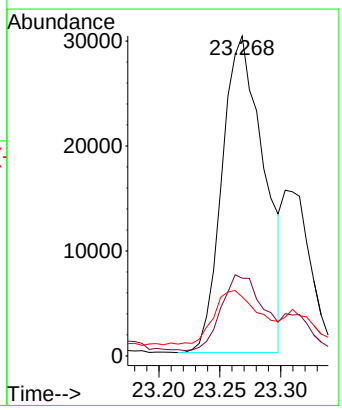


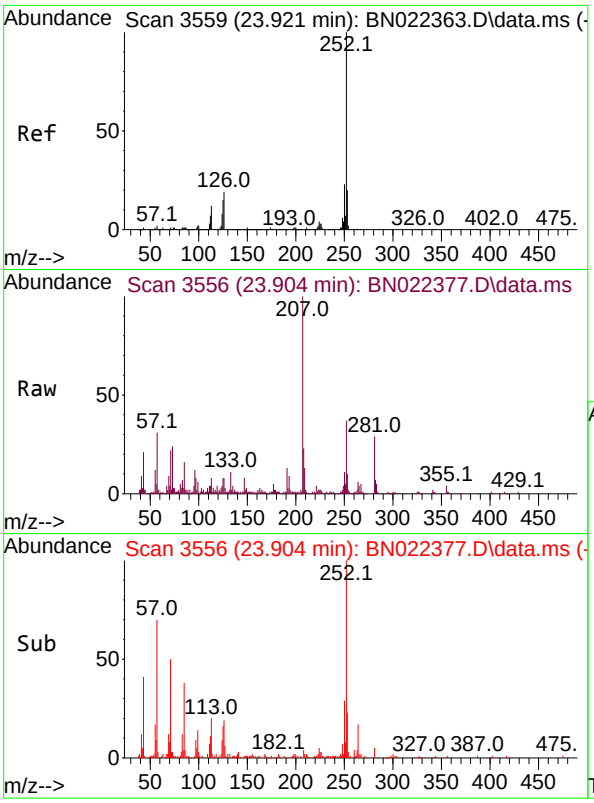


#90
Benzo(b)fluoranthene
Concen: 2.296 ng/ul
RT: 23.268 min Scan# 3448
Delta R.T. -0.011 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Tgt Ion:252 Resp: 72229

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	18.4	10.7	16.1#





#93
Benzo(a)pyrene
Concen: 1.525 ng/ul
RT: 23.904 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN022377.D
Acq: 28 Oct 2022 00:52

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Tgt Ion:252 Resp: 42859

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.2	25.8#
125	21.1	10.8	16.2#