

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031725.D
 Acq On : 30 May 2024 20:57
 Operator : MA/JU
 Sample : P2549-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH622

Quant Time: May 30 23:29:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

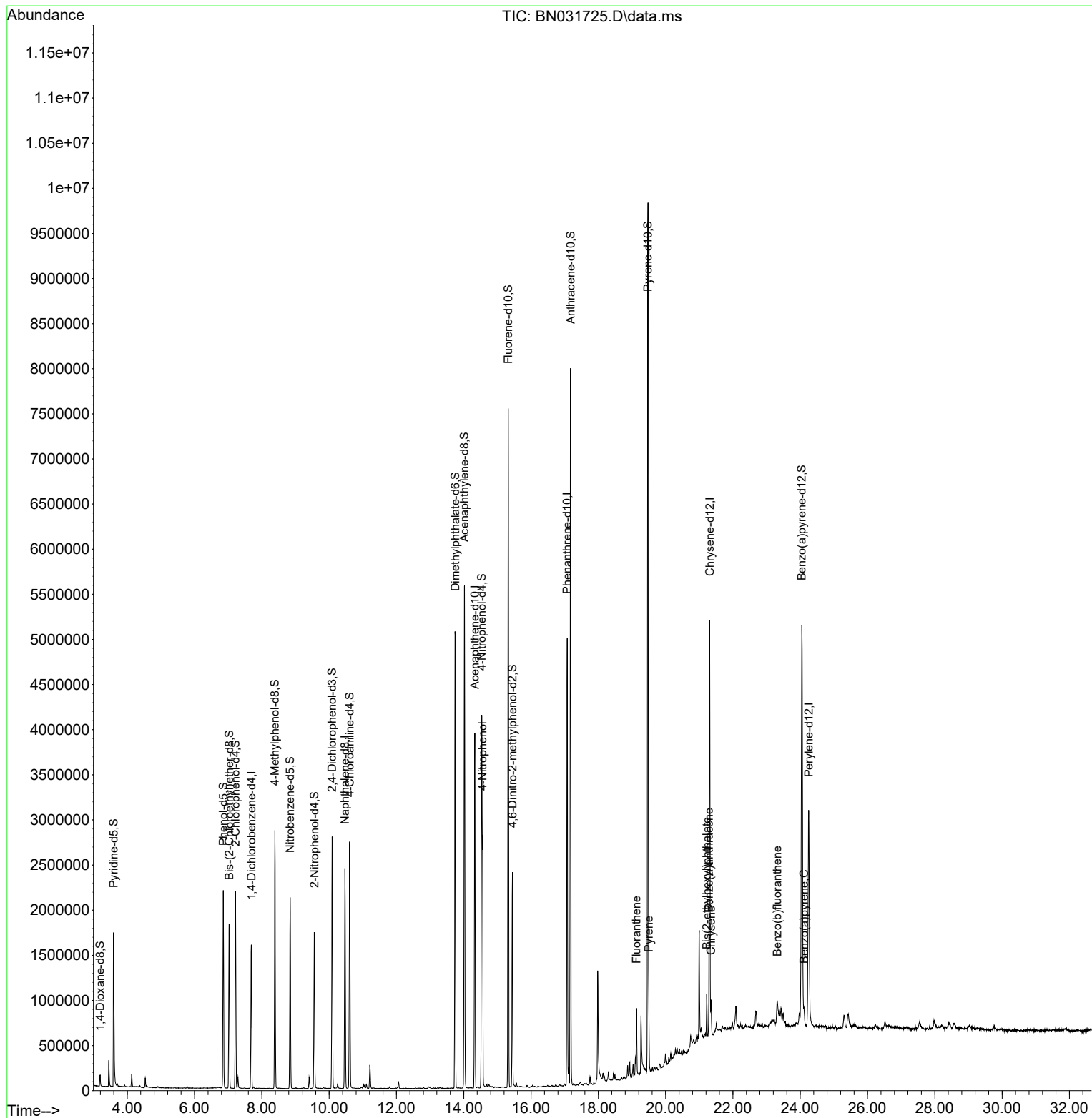
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	444323	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2046833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1368929	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2895709	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2419360	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	2170620	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	70208	6.537	ng/uL	0.00
4) Pyridine-d5	3.593	84	1013161	33.512	ng/ul	0.00
7) Phenol-d5	6.852	99	1348863	35.412	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	770303	34.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	1054595	36.285	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	1106073	35.622	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	554068	35.403	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	591890	36.613	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	1056472	35.005	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	1552540	34.647	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	3536171	37.079	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	3886333	35.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	735503	38.519	ng/ul	0.00
60) Fluorene-d10	15.322	176	2935655	36.381	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	501288	34.440	ng/ul	0.00
73) Anthracene-d10	17.175	188	4425378	35.697	ng/ul	0.00
81) Pyrene-d10	19.475	212	5205918	40.211	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	4051234	39.087	ng/ul	0.00
Target Compounds						
					Qvalue	
55) 4-Nitrophenol	14.557	109	37379	2.639	ng/ul#	1
80) Fluoranthene	19.133	202	415331	2.684	ng/ul	99
82) Pyrene	19.498	202	400543	2.523	ng/ul	99
85) Benzo(a)anthracene	21.286	228	222963	1.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	186246	1.704	ng/ul	99
87) Chrysene	21.351	228	254566	1.683	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	275589	2.124	ng/ul#	95
93) Benzo(a)pyrene	24.110	252	178894	1.472	ng/ul#	92

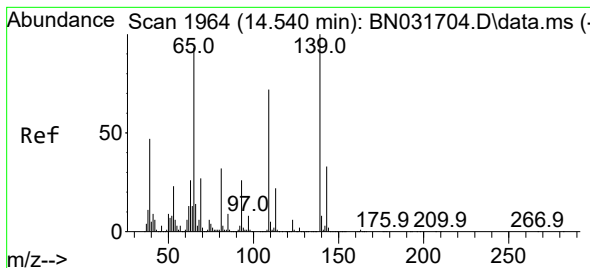
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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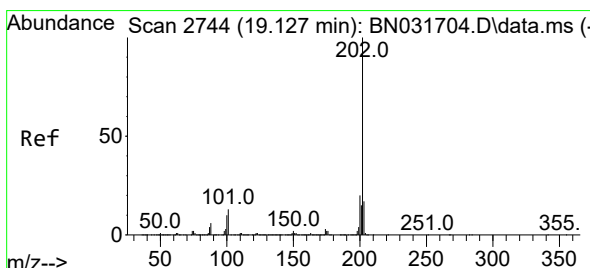
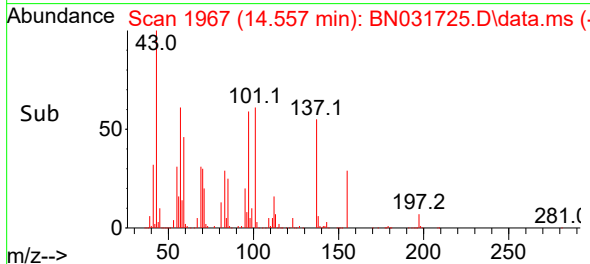
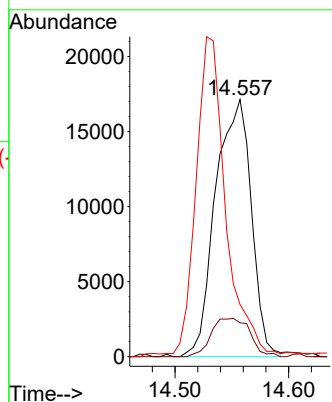
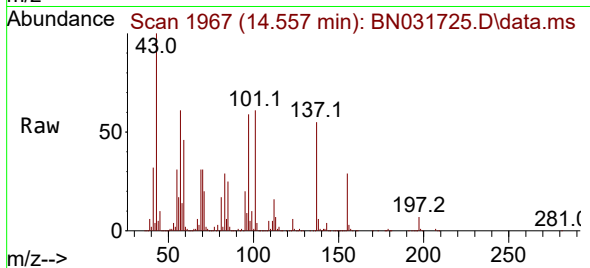




#55
4-Nitrophenol
Concen: 2.639 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. 0.018 min
Lab File: BN031725.D
Acq: 30 May 2024 20:57

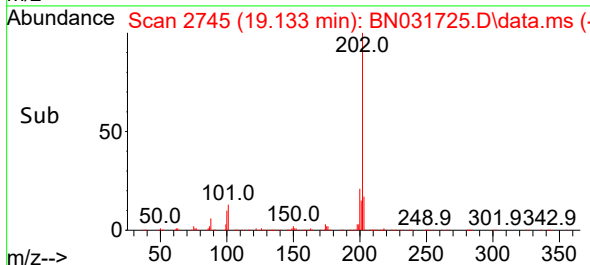
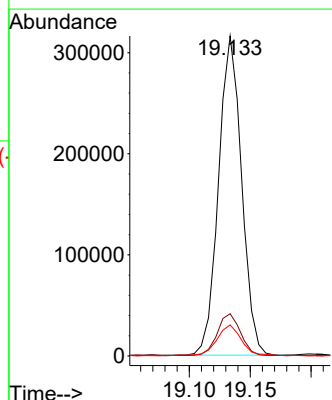
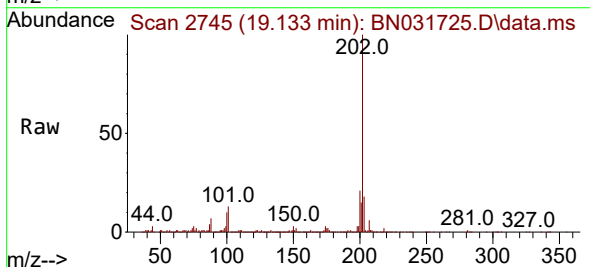
Instrument :
BNA_N
ClientSampleId :
BH622

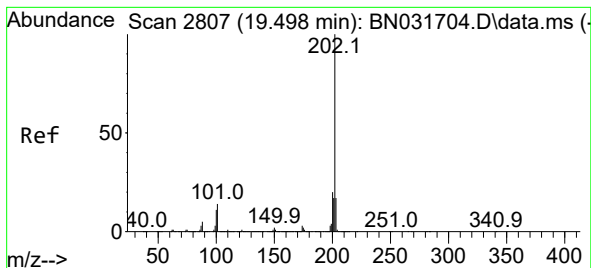
Tgt Ion:109 Resp: 37379
Ion Ratio Lower Upper
109 100
139 13.2 113.4 170.2#
65 20.3 106.2 159.2#



#80
Fluoranthene
Concen: 2.684 ng/ul
RT: 19.133 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN031725.D
Acq: 30 May 2024 20:57

Tgt Ion:202 Resp: 415331
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 9.7 8.0 12.0





#82

Pyrene

Concen: 2.523 ng/ul

RT: 19.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN031725.D

Acq: 30 May 2024 20:57

Instrument :

BNA_N

ClientSampleId :

BH622

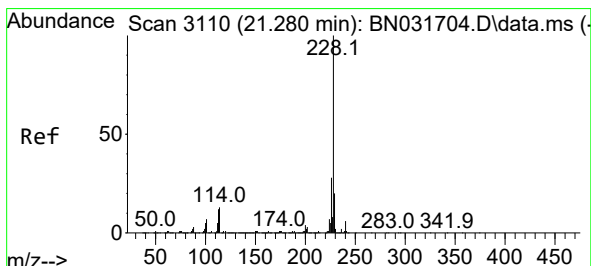
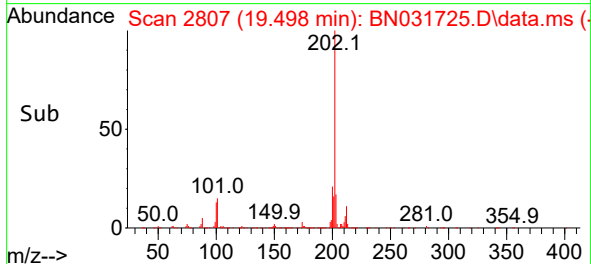
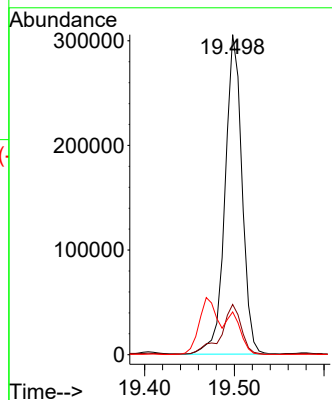
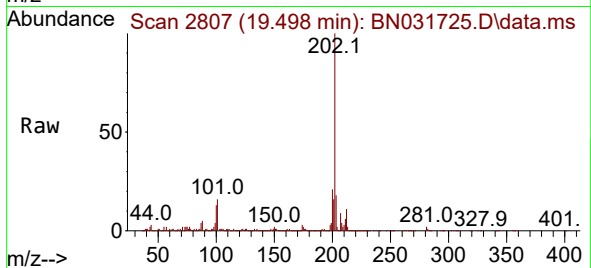
Tgt Ion:202 Resp: 400543

Ion Ratio Lower Upper

202 100

101 15.7 12.6 18.8

100 13.4 10.2 15.2



#85

Benzo(a)anthracene

Concen: 1.377 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031725.D

Acq: 30 May 2024 20:57

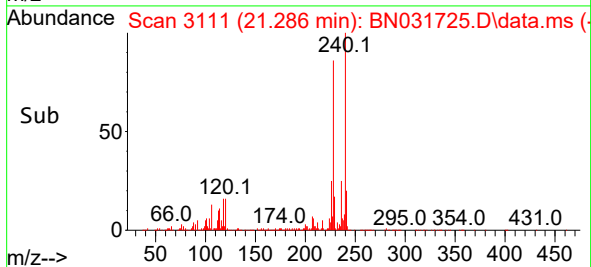
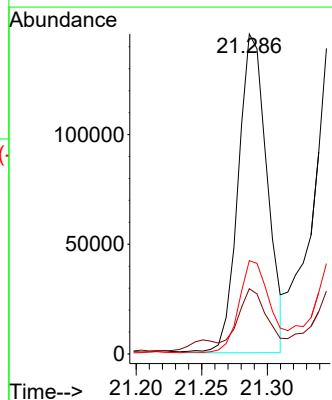
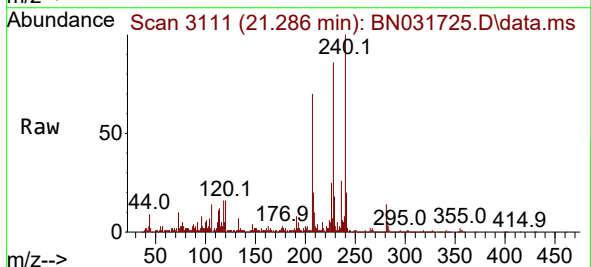
Tgt Ion:228 Resp: 222963

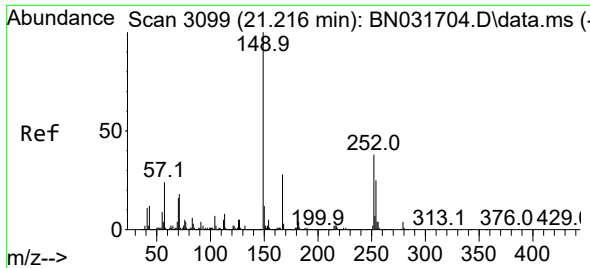
Ion Ratio Lower Upper

228 100

229 20.4 16.7 25.1

226 29.1 22.8 34.2

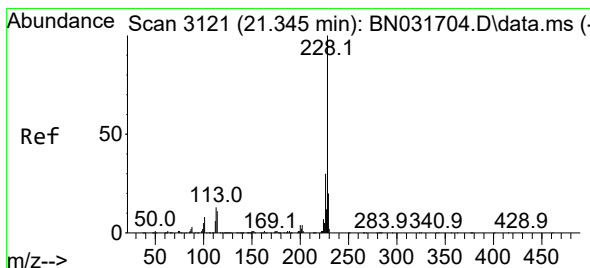
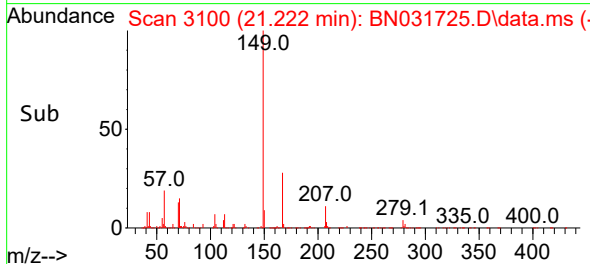
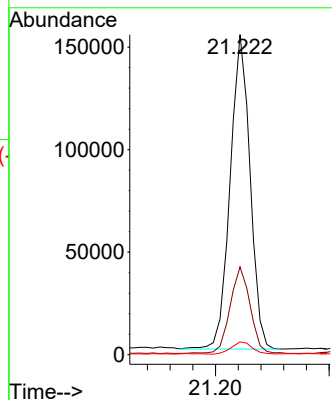
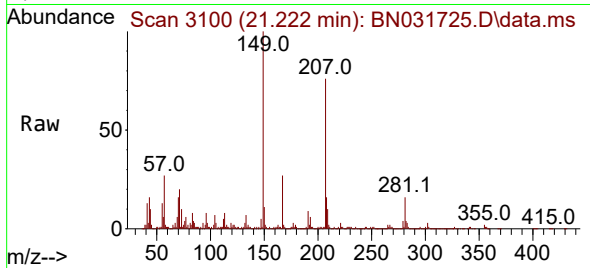




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.704 ng/ul
 RT: 21.222 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BN031725.D
 Acq: 30 May 2024 20:57

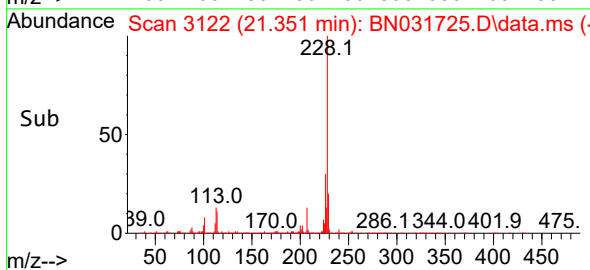
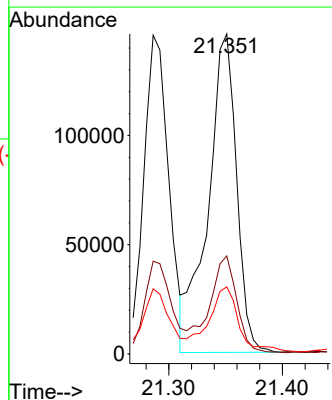
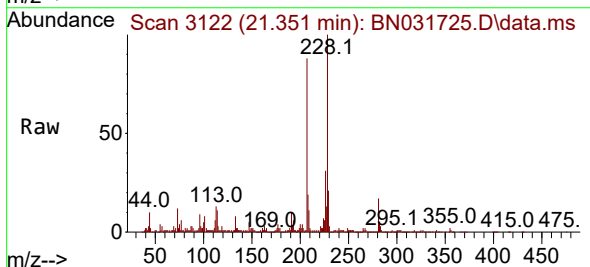
Instrument :
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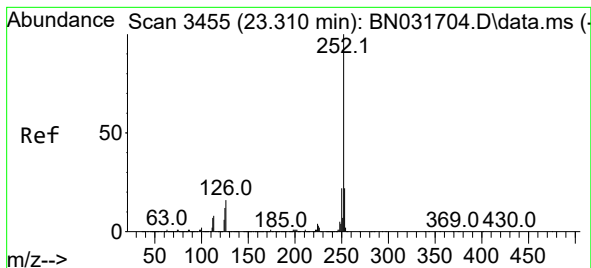
Tgt Ion:149 Resp: 186246
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.4 32.0
 279 4.0 3.3 4.9



#87
 Chrysene
 Concen: 1.683 ng/ul
 RT: 21.351 min Scan# 3122
 Delta R.T. -0.000 min
 Lab File: BN031725.D
 Acq: 30 May 2024 20:57

Tgt Ion:228 Resp: 254566
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.7 35.5
 229 21.0 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 2.124 ng/ul

RT: 23.316 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031725.D

Acq: 30 May 2024 20:57

Instrument :

BNA_N

ClientSampleId :

BH622

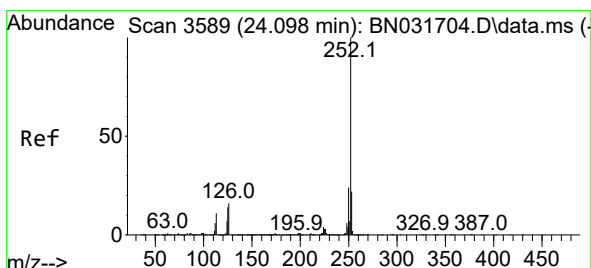
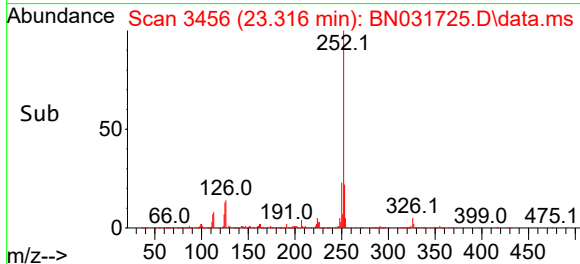
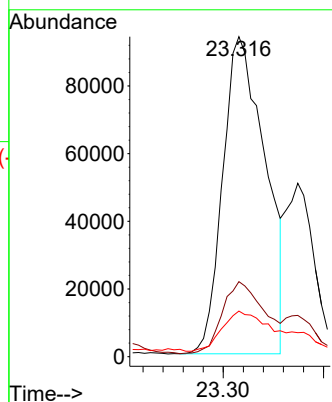
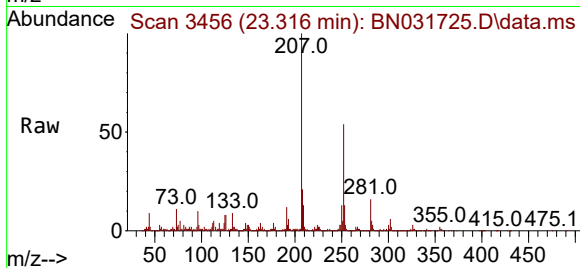
Tgt Ion:252 Resp: 275589

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 14.3 9.2 13.8#



#93

Benzo(a)pyrene

Concen: 1.472 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031725.D

Acq: 30 May 2024 20:57

Tgt Ion:252 Resp: 178894

Ion Ratio Lower Upper

252 100

253 25.0 16.6 24.8#

125 14.9 9.8 14.8#

