

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
 Data File : BN008797.D
 Acq On : 28 Nov 2019 14:47
 Operator : JU
 Sample : K5846-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 29 00:29:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 15:51:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	565996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	2567960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	1648564	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	3520395	20.00	ng/ul	0.00
77) Chrysene-d12	21.15	240	3325852	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	3527444	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	47835	3.70	ng/uL	0.00
5) Phenol-d5	6.77	99	1019905	17.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	756718	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	811857	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	651024	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	427804	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	438488	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	837551	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	689055	12.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2762574	21.03	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	3306434	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.41	143	341428	12.82	ng/ul	-0.01
57) Fluorene-d10	15.20	176	2477386	22.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	275682	13.55	ng/ul	0.00
70) Anthracene-d10	17.05	188	3463727	20.78	ng/ul	0.00
78) Pyrene-d10	19.35	212	4521056	24.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	4430522	24.07	ng/ul	0.00

Target Compounds

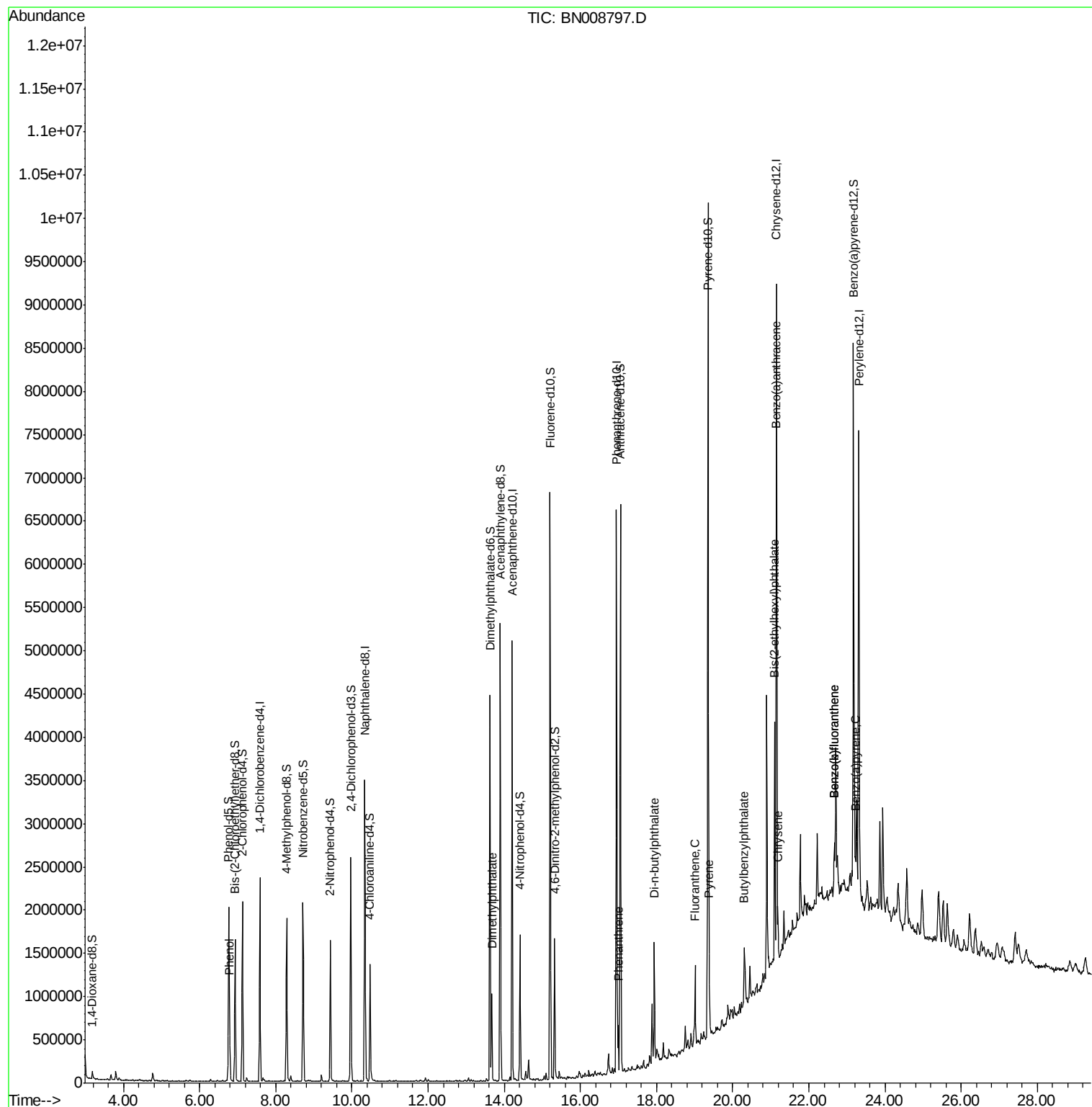
					Ovalue
6) Phenol	6.79	94	191456	3.178	ng/ul 99
44) Dimethylphthalate	13.67	163	591213	4.610	ng/ul 99
69) Phenanthrene	16.99	178	299944	1.552	ng/ul 98
75) Di-n-butylphthalate	17.94	149	865399	4.129	ng/ul 98
76) Fluoranthene	19.02	202	540137	2.556	ng/ul 97
79) Pyrene	19.38	202	553575	2.376	ng/ul 99
80) Butylbenzylphthalate	20.30	149	171569	1.748	ng/ul 98
82) Benzo(a)anthracene	21.14	228	321653	1.379	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.10	149	847939	5.791	ng/ul 99
84) Chrysene	21.19	228	315685	1.447	ng/ul 98
87) Benzo(b)fluoranthene	22.67	252	396083	1.808	ng/ul# 91
88) Benzo(k)fluoranthene	22.67	252	396083	1.915	ng/ul# 89
90) Benzo(a)pyrene	23.22	252	251385	1.200	ng/ul# 93

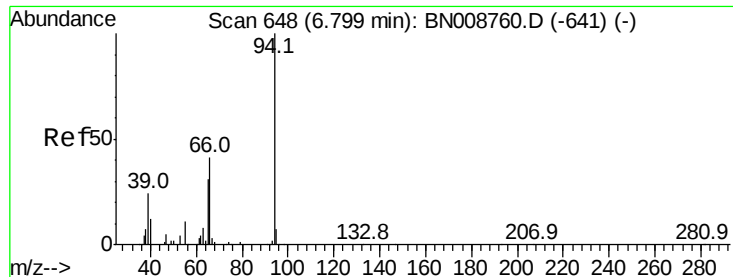
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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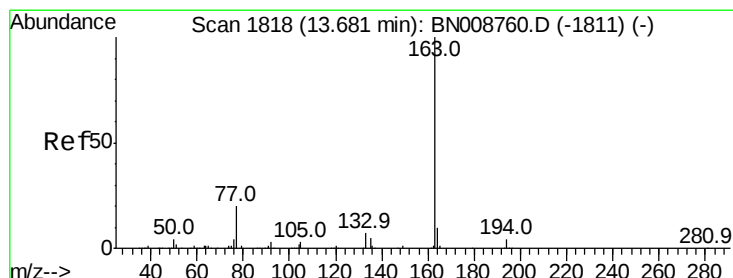
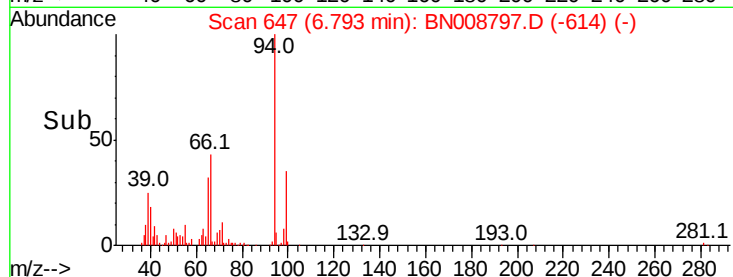
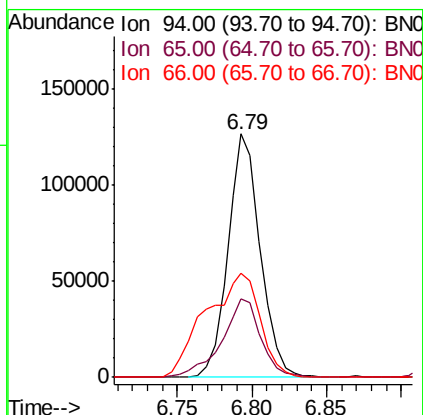
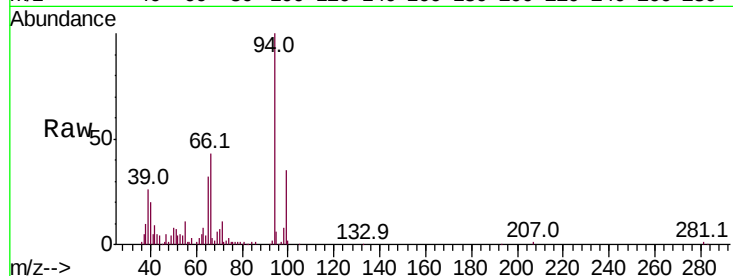
#6

Phenol

Concen: 3.178 ng/ul
 RT: 6.79 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.1	25.4	38.0
66	42.6	34.2	51.4

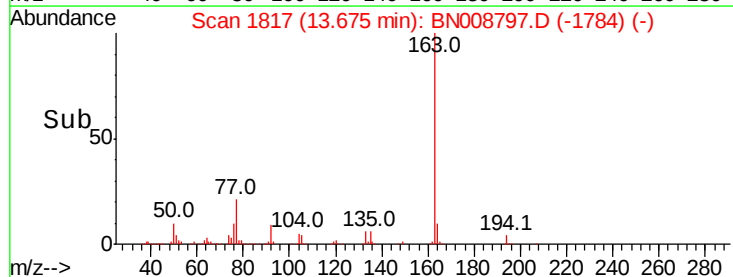
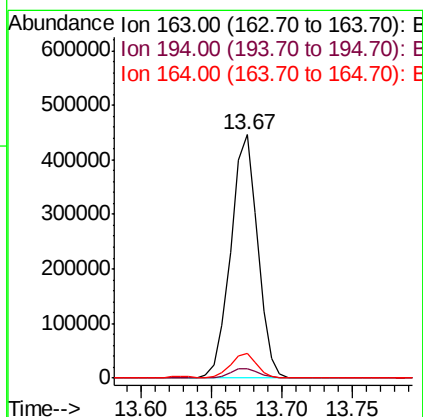
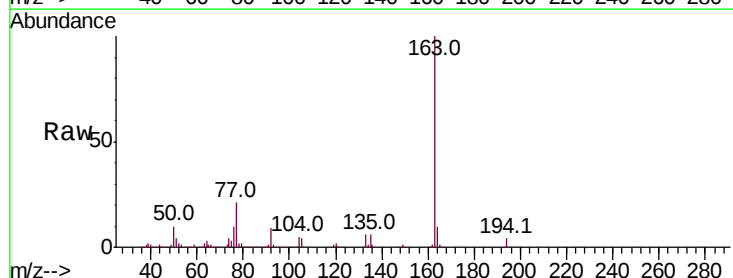


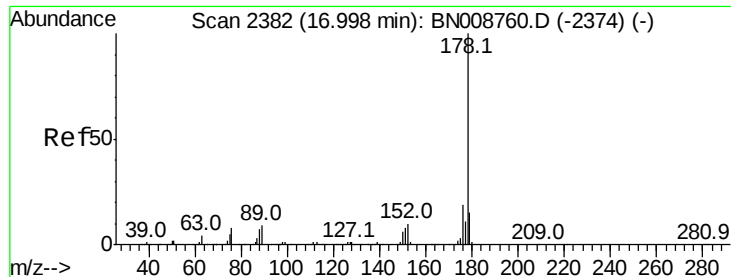
#44

Dimethylphthalate

Concen: 4.610 ng/ul
 RT: 13.67 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.0	7.9	11.9





#69

Phenanthrene

Concen: 1.552 ng/ul

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

Instrument :

BNA_N

ClientSampleId :

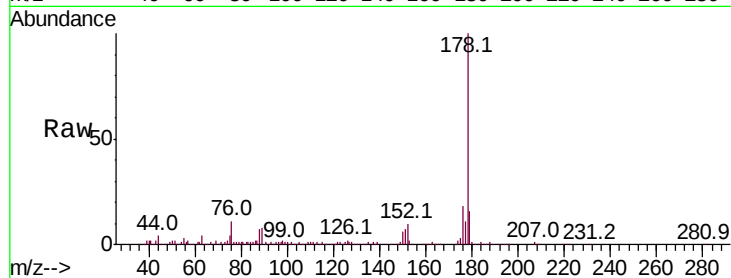
Tot Ion:178 Resp: 299944

Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.8

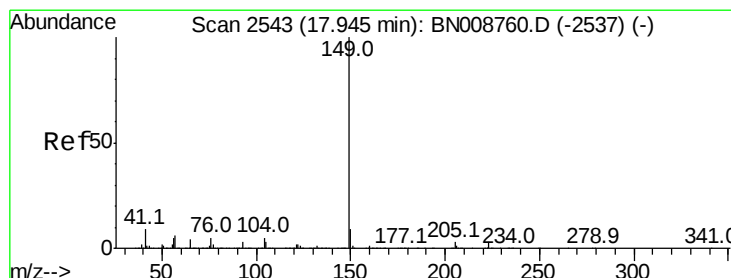
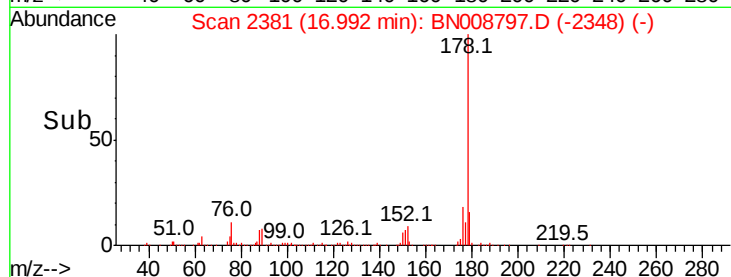
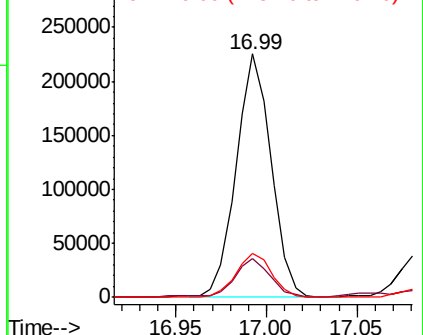
176 17.9 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Di-n-butylphthalate

Concen: 4.129 ng/ul

RT: 17.94 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

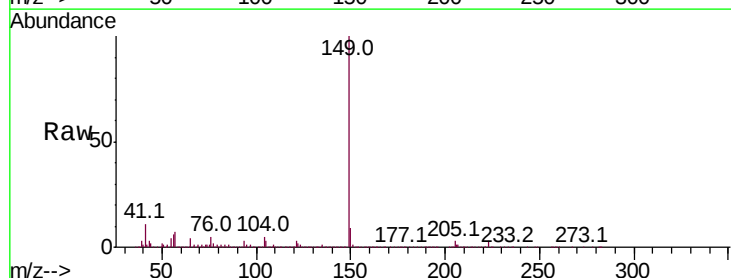
Tgt Ion:149 Resp: 865399

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

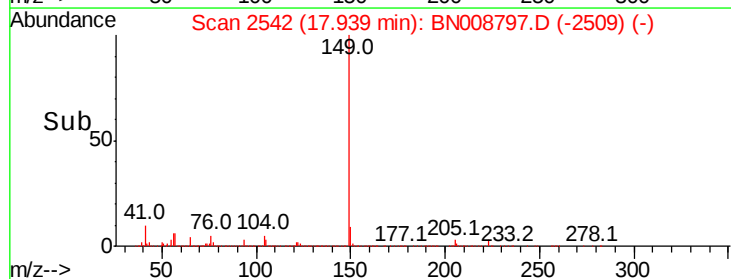
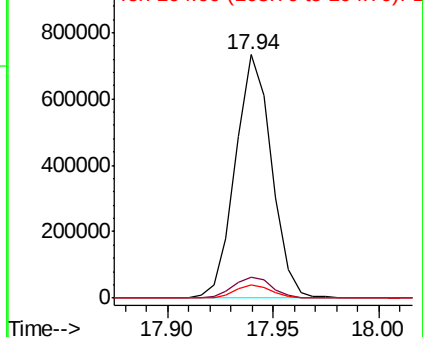
104 5.5 4.1 6.1

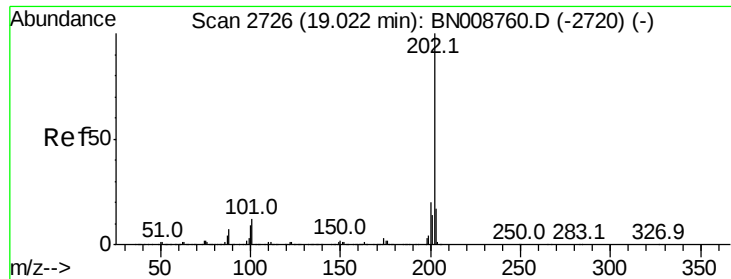


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 2.556 ng/ul

RT: 19.02 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

Instrument :

BNA_N

ClientSampled :

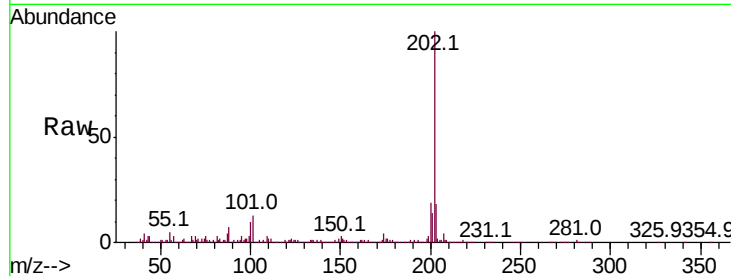
Tot Ion:202 Resp: 540137

Ion Ratio Lower Upper

202 100

101 13.2 9.6 14.4

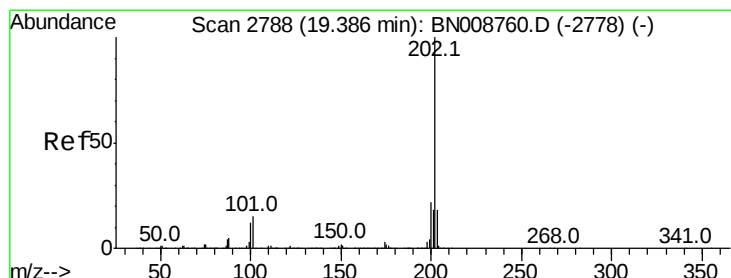
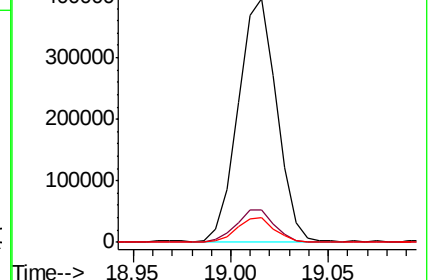
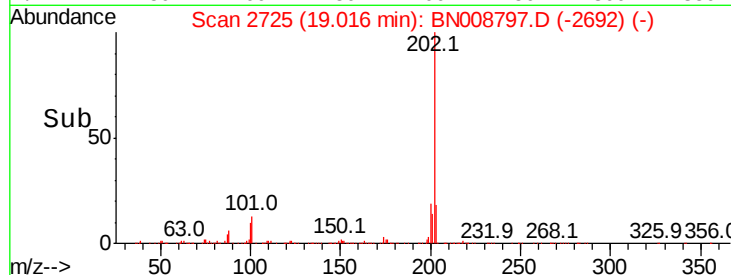
100 10.1 7.4 11.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 2.376 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

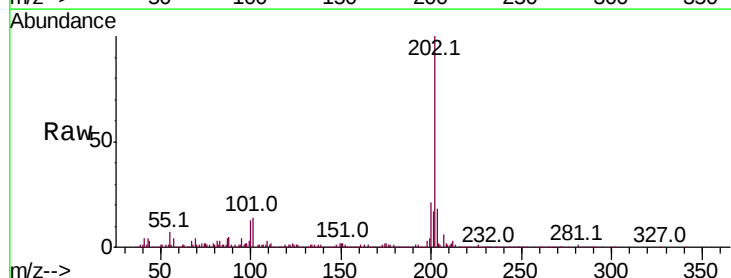
Tgt Ion:202 Resp: 553575

Ion Ratio Lower Upper

202 100

101 14.4 11.8 17.6

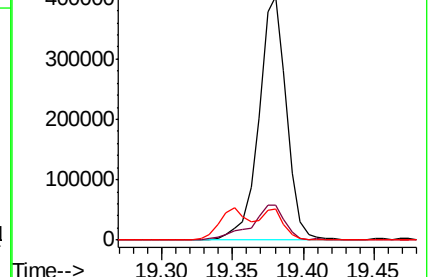
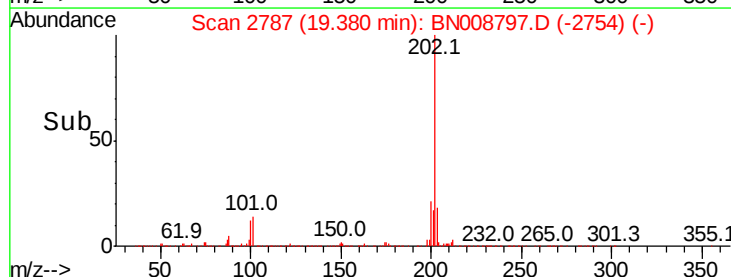
100 12.5 9.6 14.4

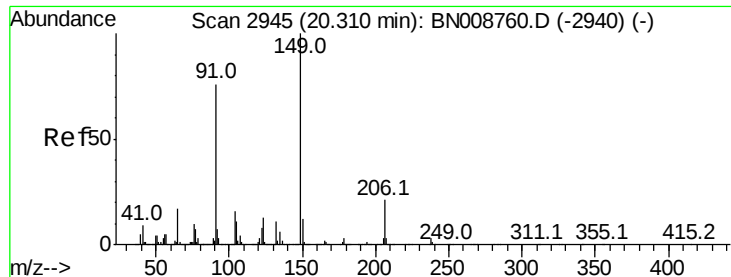


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

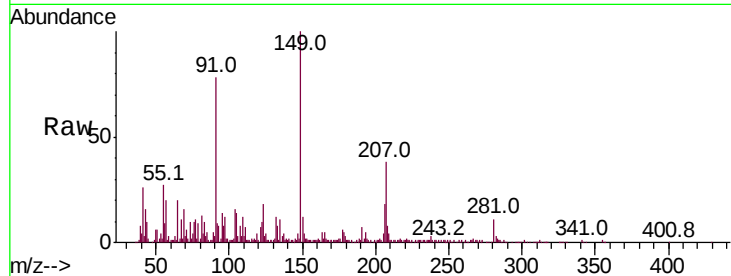




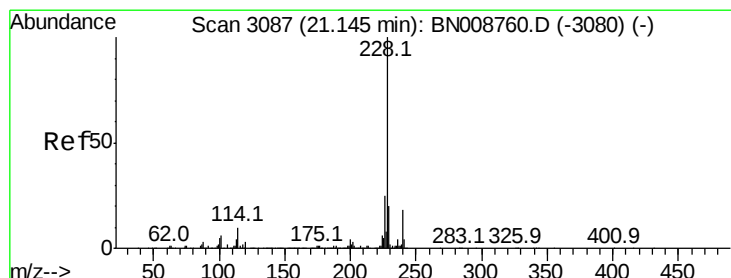
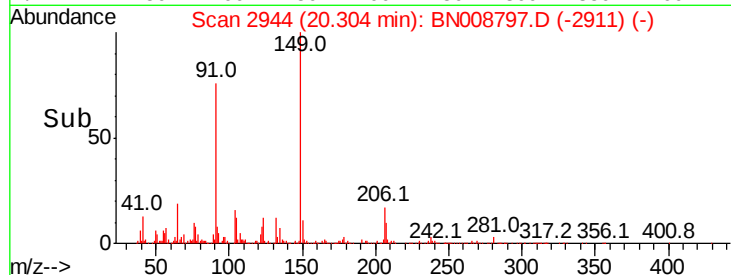
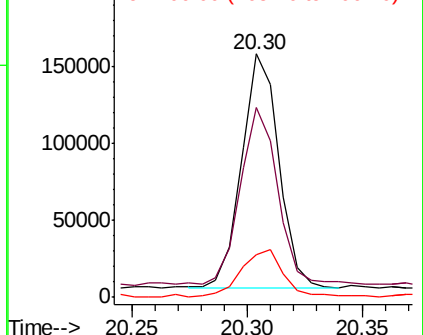
#80
Butylbenzylphthalate
Concen: 1.748 ng/ul
RT: 20.30 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BN008797.D
Acq: 28 Nov 2019 14:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.1	62.9	94.3
206	17.7	16.2	24.2

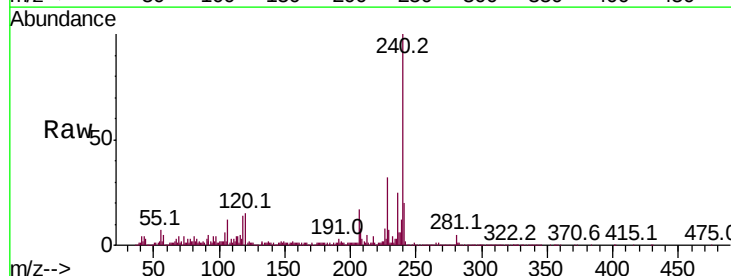


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA_N
Ion 206.00 (205.70 to 206.70): E

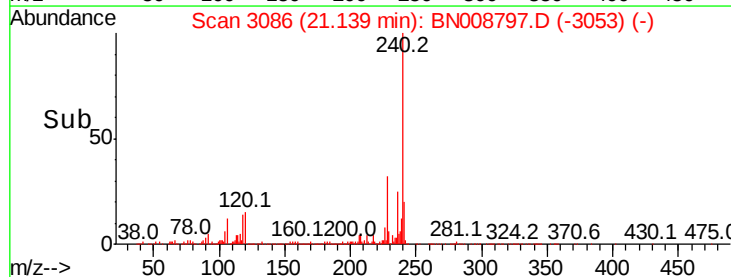
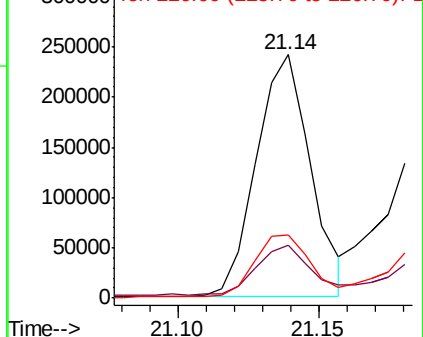


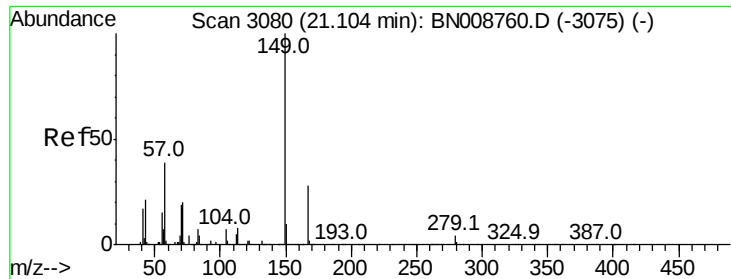
#82
Benzo(a)anthracene
Concen: 1.379 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BN008797.D
Acq: 28 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.9	23.9
226	26.0	21.5	32.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

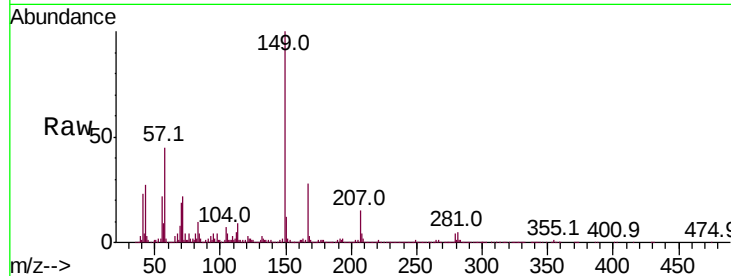




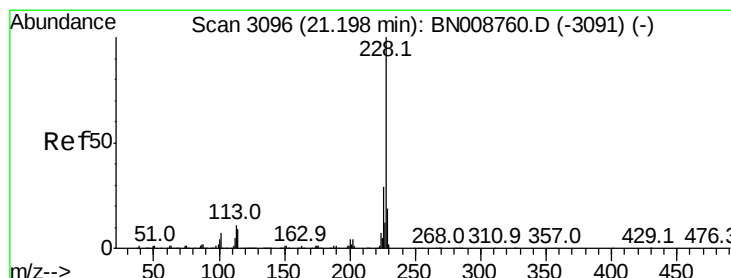
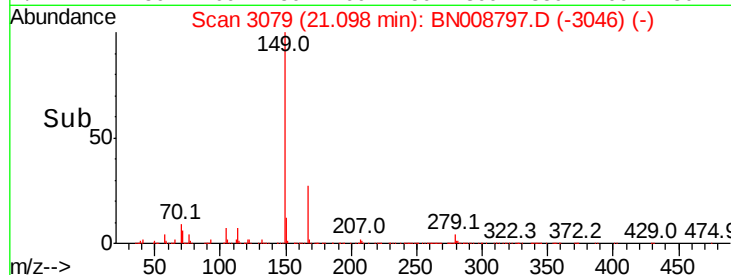
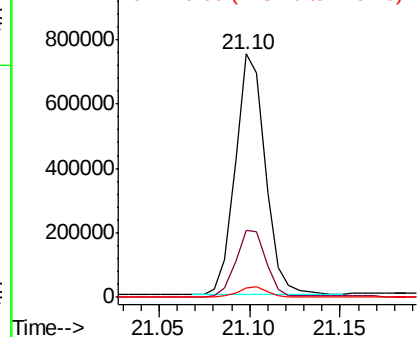
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.791 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	3.9	3.3	4.9

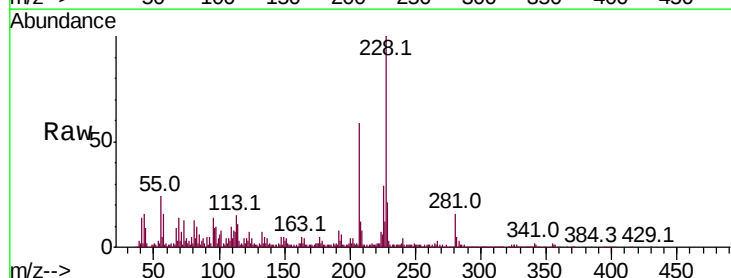


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

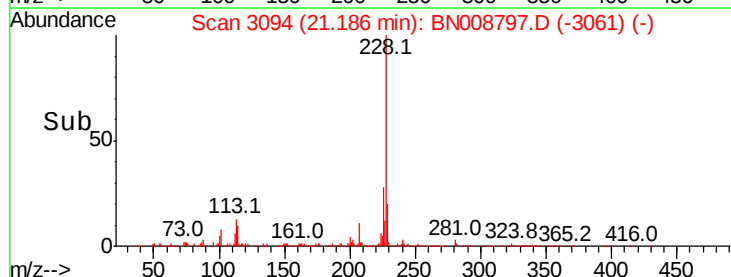
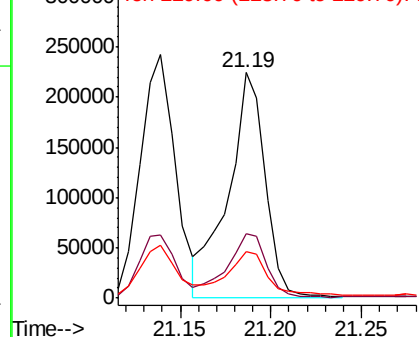


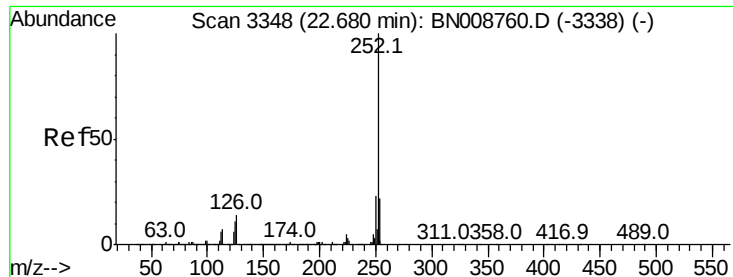
#84
 Chrysene
 Concen: 1.447 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN008797.D
 Acq: 28 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	20.8	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.808 ng/ul

RT: 22.67 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

Instrument :

BNA_N

ClientSampleId :

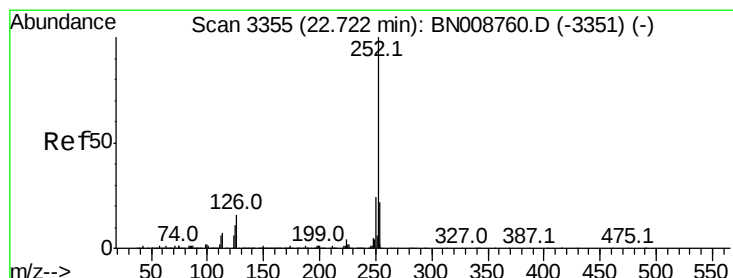
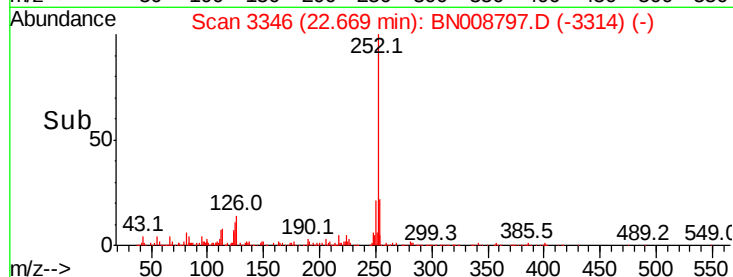
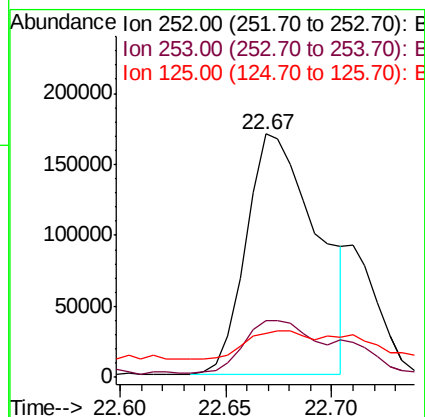
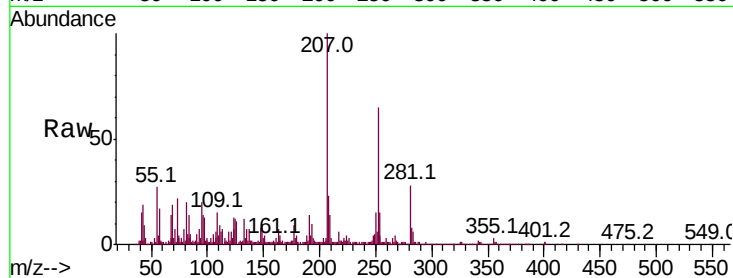
Tot Ion:252 Resp: 396083

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 18.3 8.7 13.1#



#88

Benzo(k)fluoranthene

Concen: 1.915 ng/ul

RT: 22.67 min Scan# 3346

Delta R.T. -0.05 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

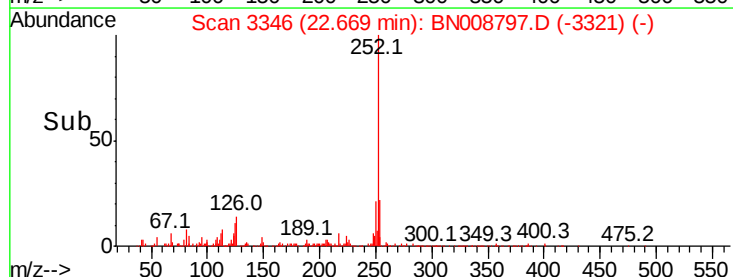
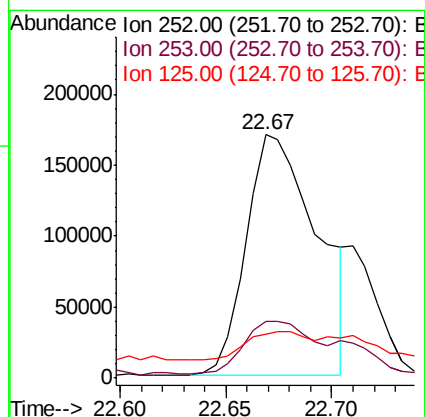
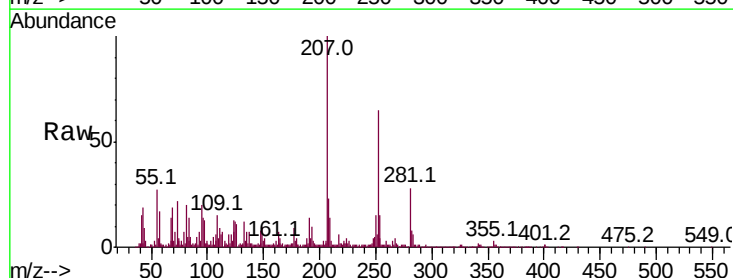
Tgt Ion:252 Resp: 396083

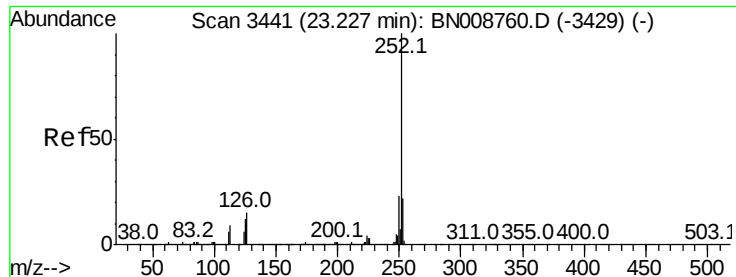
Ion Ratio Lower Upper

252 100

253 23.5 16.6 24.8

125 18.3 8.7 13.1#





#90

Benzo(a)pyrene

Concen: 1.200 ng/ul

RT: 23.22 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BN008797.D

Acq: 28 Nov 2019 14:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	251385
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	19.1	9.8	14.6

