

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
 Data File : BM022381.D
 Acq On : 28 Aug 2019 10:32
 Operator : HP/JU
 Sample : K4414-04DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8DL

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:52:08 AM

Quant Time: Aug 28 13:41:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 24 05:49:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	19505	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.31	136	89250	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	64260	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	151092	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	141571	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	142943	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.77	99	1746m	1.04	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	5086	5.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	6300	4.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	3006	2.06	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	3216	4.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	3518	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	6819	4.32	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	34759	6.14	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	36080	5.92	ng/ul	-0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.21	176	30257	6.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	1711m	1.47	ng/ul	0.04
70) Anthracene-d10	17.07	188	49948	6.24	ng/ul	0.00
78) Pyrene-d10	19.37	212	64565	8.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	51204	6.52	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.36	128	244101	49.560	ng/ul	100
47) Acenaphthylene	13.92	152	27396	4.334	ng/ul	98
69) Phenanthrene	17.00	178	11797	1.305	ng/ul	97
79) Pyrene	19.40	202	16875	1.842	ng/ul#	93

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

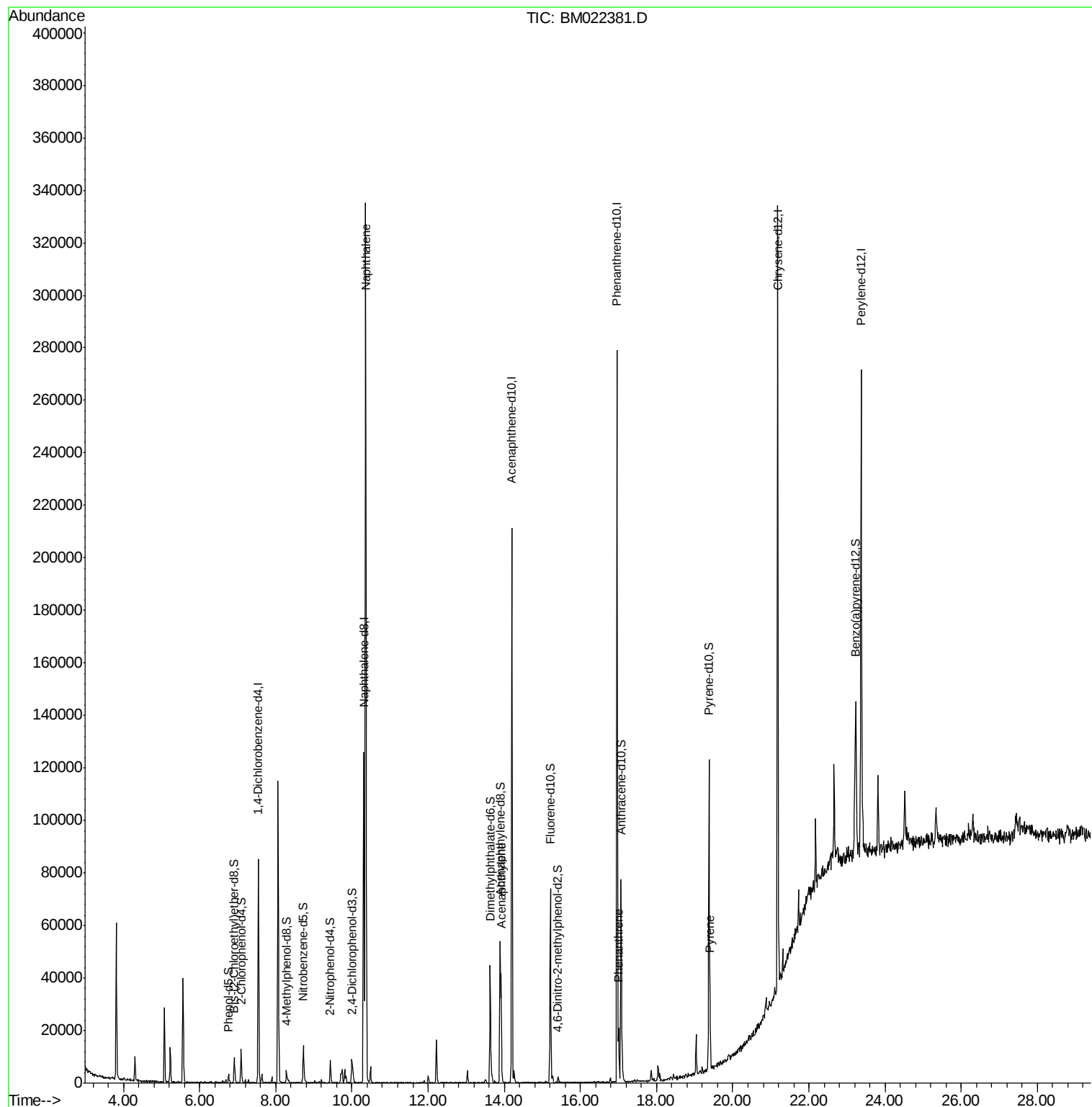
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

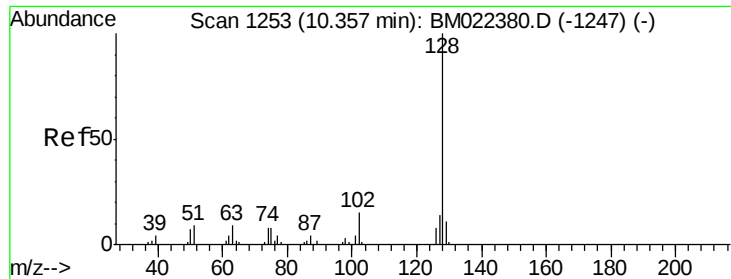
Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Quant Time: Aug 28 13:41:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
8/29/2019 7:52:08 AM





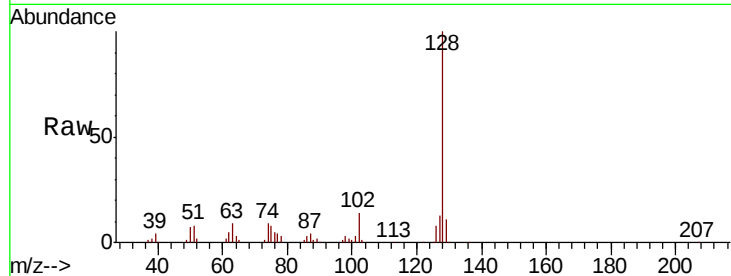
#28
Naphthalene
Concen: 49.560 ng/ul
RT: 10.36 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BM022381.D
Acq: 28 Aug 2019 10:32

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	244101		
129	10.6		8.6	13.0
127	12.9		10.4	15.6

Manual Integrations
APPROVED

mohammad
8/29/2019 7:52:08 AM

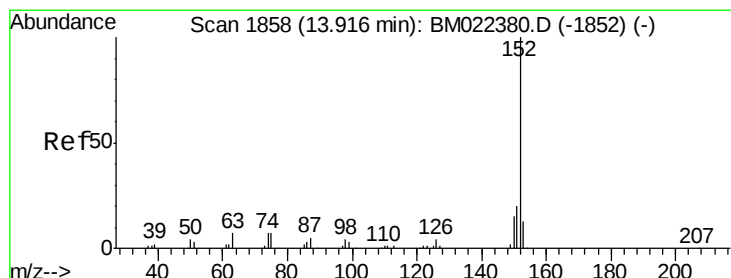
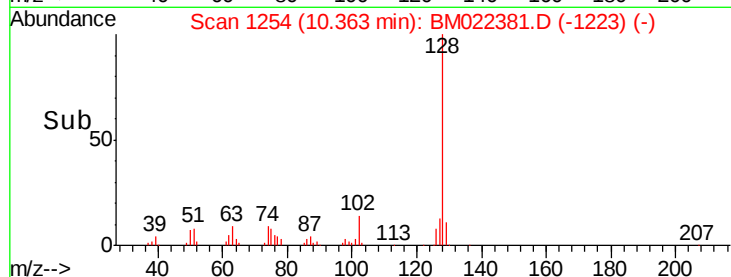
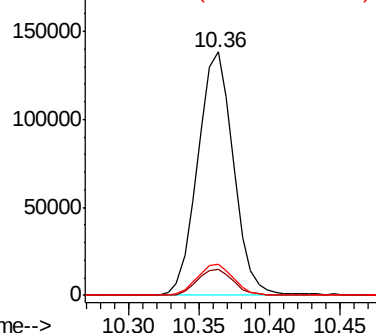


Abundance

Ion 128.00 (127.70 to 128.70): E

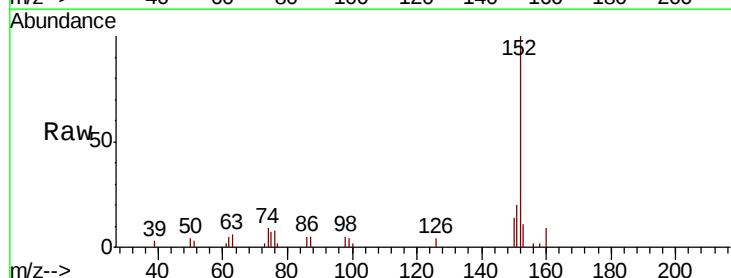
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#47
Acenaphthylene
Concen: 4.334 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM022381.D
Acq: 28 Aug 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	27396		
151	19.9		16.0	24.0
153	11.0		10.4	15.6

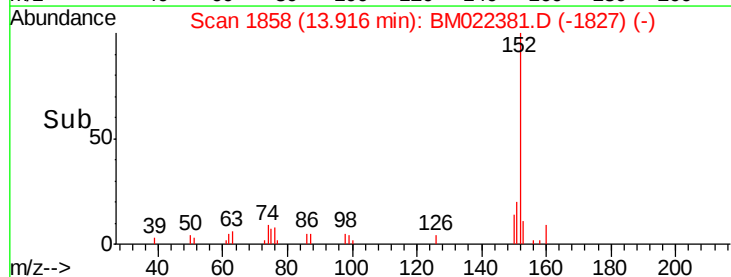
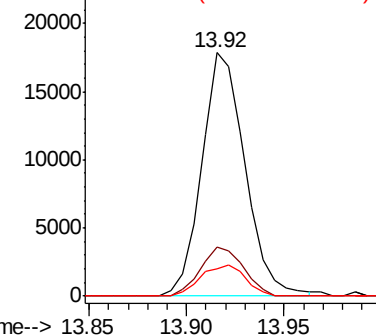


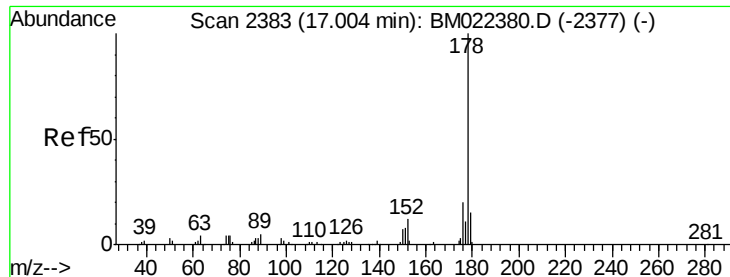
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 1.305 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022381.D

Acq: 28 Aug 2019 10:32

Instrument :

BNA_M

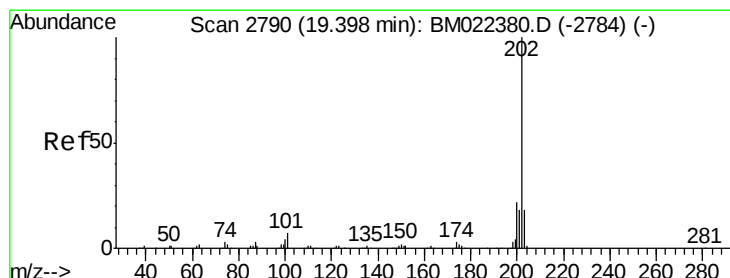
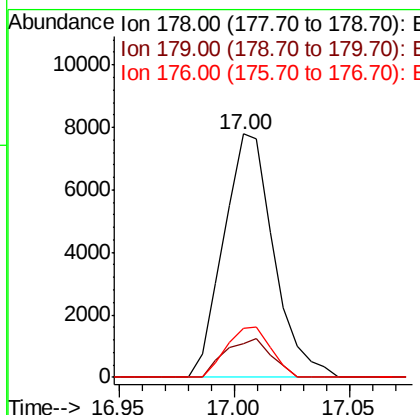
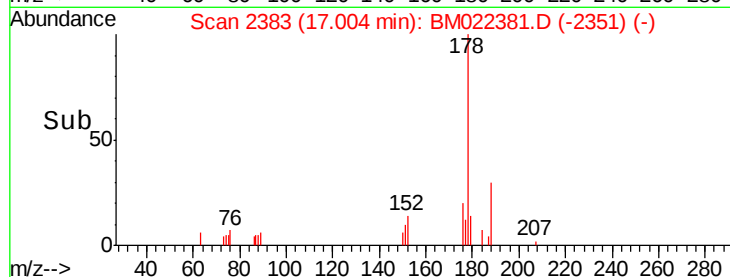
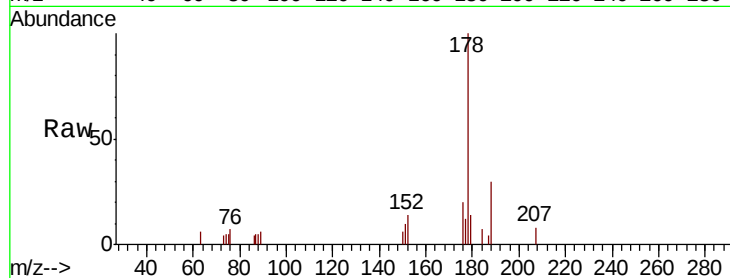
ClientSampleId :

ETJQ8DL

Tot Ion:	178	Resp:	11797
Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.4	18.6
176	20.2	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/29/2019 7:52:08 AM



#79

Pyrene

Concen: 1.842 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM022381.D

Acq: 28 Aug 2019 10:32

Tgt Ion:	202	Resp:	16875
Ion	Ratio	Lower	Upper
202	100		
101	5.8	7.0	10.4#
100	9.2	5.8	8.8#

