Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021479.D
Acq On : 16 Jul 2019 22:16
Operator : HP/JU
Sample : K3787-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C88

Quant Time: Jul 17 01:55:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	158570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	627794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	361284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	810940	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	766739	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	895513	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	20199	6.27	ng/uL	0.00
5) Phenol-d5	6.90	99	91933	7.46	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	250399	34.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	288651	27.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	185564	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	184590	35.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	206855	35.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	382042	32.76	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	28977	2.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1295901	40.96	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1479489	37.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	29266	5.84	ng/ul	0.00
57) Fluorene-d10	15.36	176	1103610	39.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	163357	29.97	ng/ul	0.00
70) Anthracene-d10	17.22	188	1710913	40.62	ng/ul	0.00
78) Pyrene-d10	19.52	212	1896384	45.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	2133307	41.42	ng/ul	-0.01
Target Compounds						Qvalue
20) Nitrobenzene	8.94	77	1909820	164.884	ng/ul	97
23) 2-Nitrophenol	9.63	139	20192	3.467	ng/ul	94
44) Dimethylphthalate	13.83	163	123926	4.206	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	61059	4.593	ng/uL	97

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

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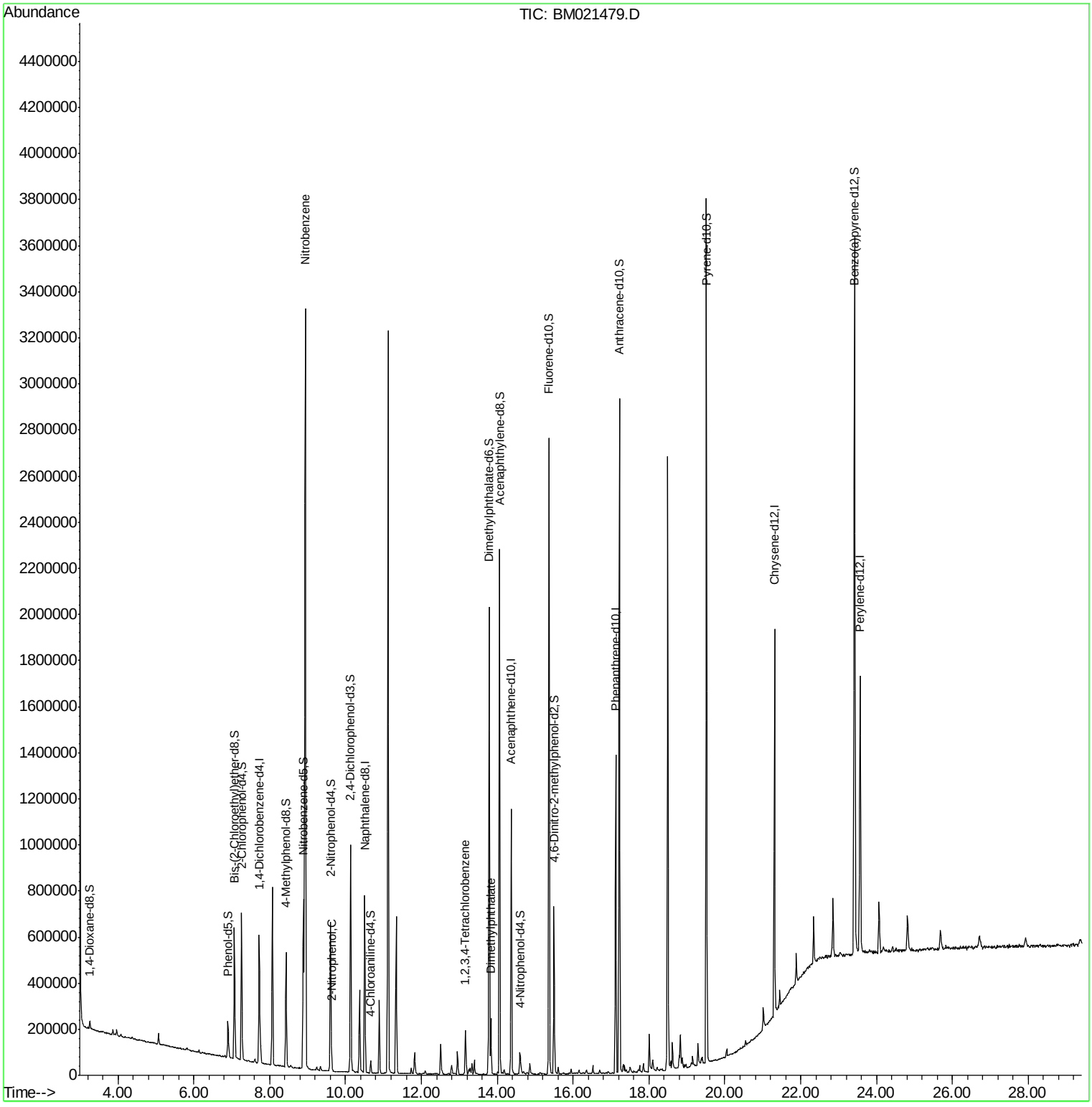
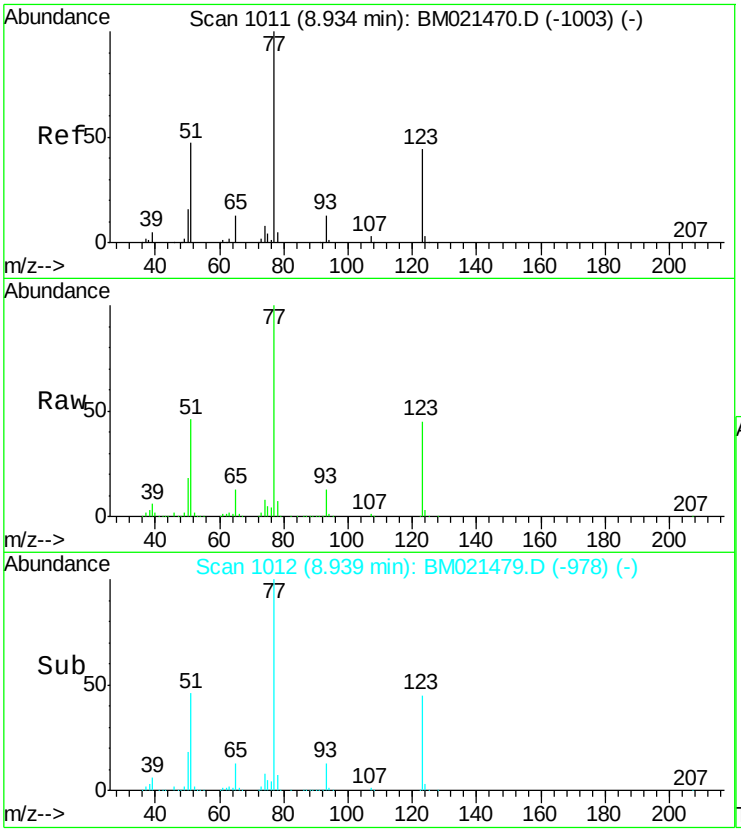


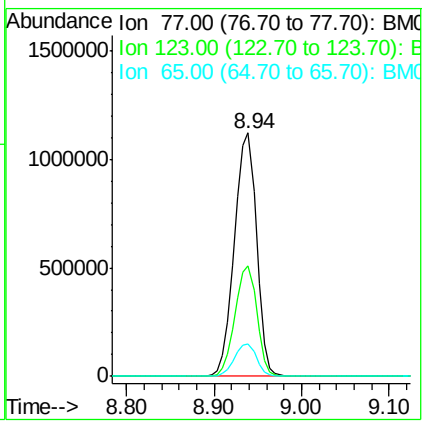


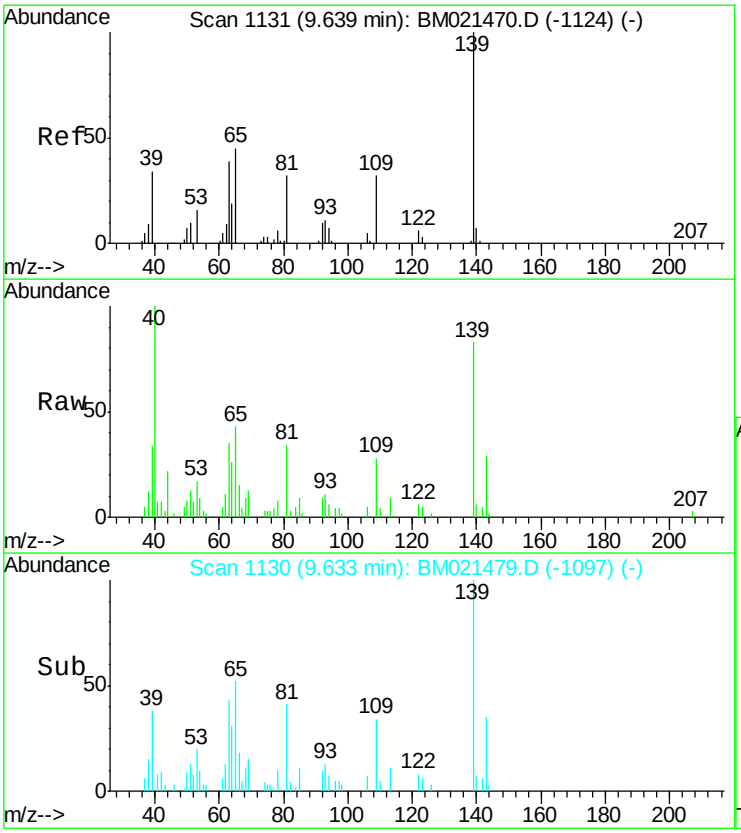
#20
Nitrobenzene
Concen: 164.884 ng/ul
RT: 8.94 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BM021479.D
Acq: 16 Jul 2019 22:16

Instrument :
BNA_M
ClientSampleId :
C0C88

Tgt Ion: 77 Resp: 1909820

Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.3	51.5
65	13.1	10.5	15.7

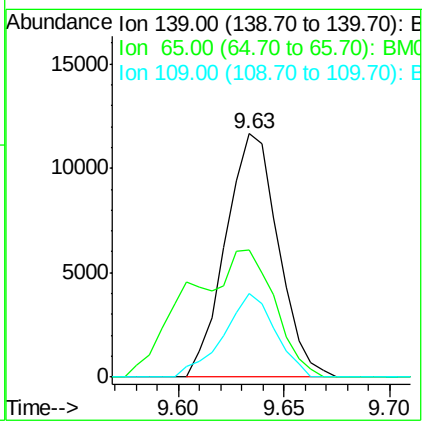


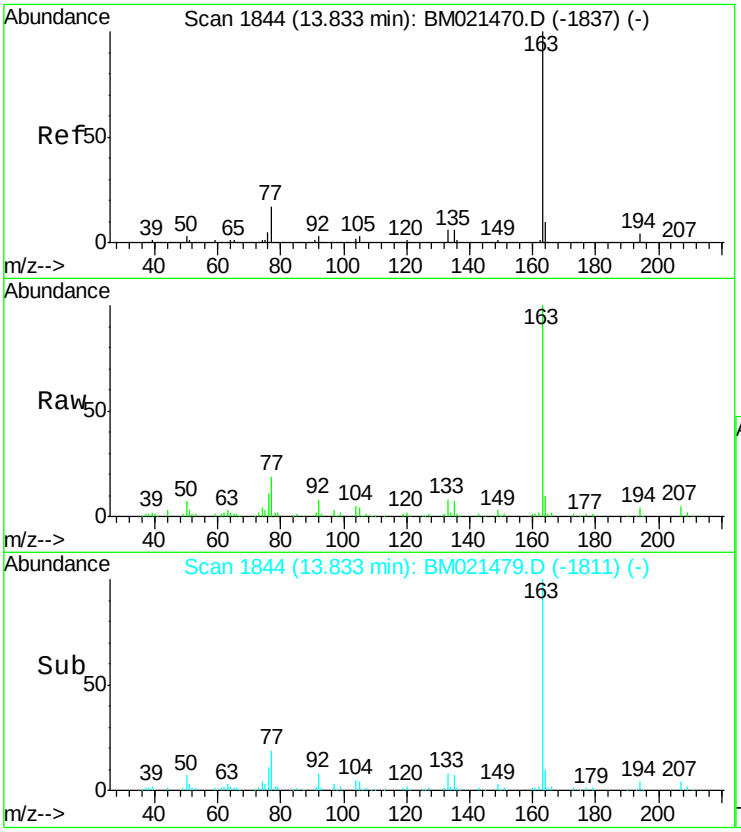


#23
2-Nitrophenol
Concen: 3.467 ng/ul
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM021479.D
Acq: 16 Jul 2019 22:16

Tgt Ion:139 Resp: 20192

Ion	Ratio	Lower	Upper
139	100		
65	52.3	40.2	60.4
109	34.4	23.2	34.8



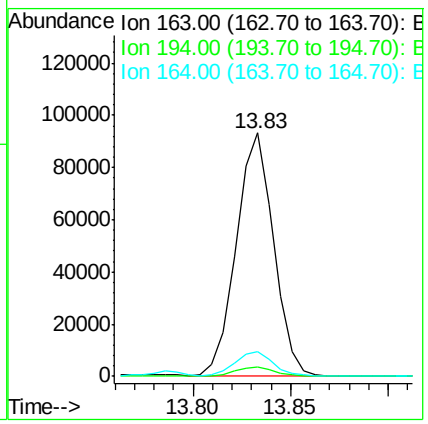


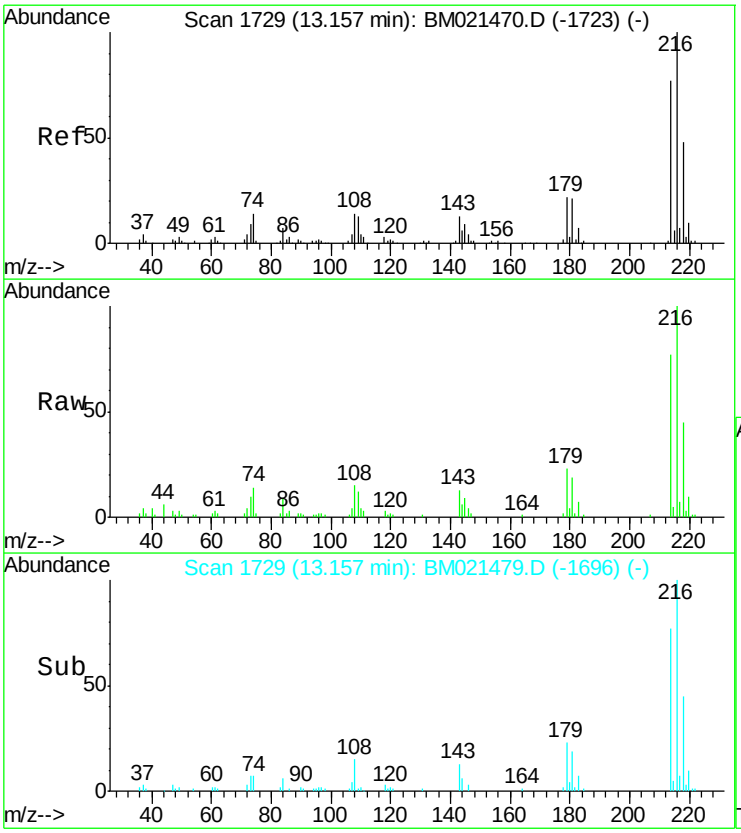
#44
Dimethylphthalate
Concen: 4.206 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM021479.D
Acq: 16 Jul 2019 22:16

Instrument :
BNA_M
ClientSampleId :
C0C88

Tgt Ion:163 Resp: 123926

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	9.9	8.3	12.5





#72
1,2,3,4-Tetrachlorobenzene
Concen: 4.593 ng/uL
RT: 13.16 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BM021479.D
Acq: 16 Jul 2019 22:16

Tgt Ion:216 Resp: 61059

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.1	94.7
218	45.5	38.8	58.2