Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045037.D
Acq On : 08 Apr 2024 11:47
Operator : MA/JU
Sample : P2012-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 12:39:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AM3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	56121	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	255346	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	166821	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	356823	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	341147	20.000	ng/ul	0.00
88) Perylene-d12	23.456	264	398963	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	12866m	8.561	ng/uL	-0.02
4) Pyridine-d5	3.622	84	27725	6.784	ng/ul	0.02
7) Phenol-d5	6.810	99	31335	6.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	116591	41.132	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	118474	31.785	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	64400	17.293	ng/ul	0.00
21) Nitrobenzene-d5	8.786	128	80670	41.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	83773	40.466	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	138833	36.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	157331	26.035	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	501146	43.145	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	565856	41.237	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	9677m	3.992	ng/ul	0.04
60) Fluorene-d10	15.274	176	461712	44.587	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.415	200	66765	31.557	ng/ul	0.00
73) Anthracene-d10	17.133	188	737016	45.915	ng/ul	0.00
81) Pyrene-d10	19.439	212	889707	52.965	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	916713	47.101	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	5581	3.556	ng/uL#	79
30) Naphthalene	10.445	128	20795	1.538	ng/ul	97

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

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Manual Integrations APPROVED

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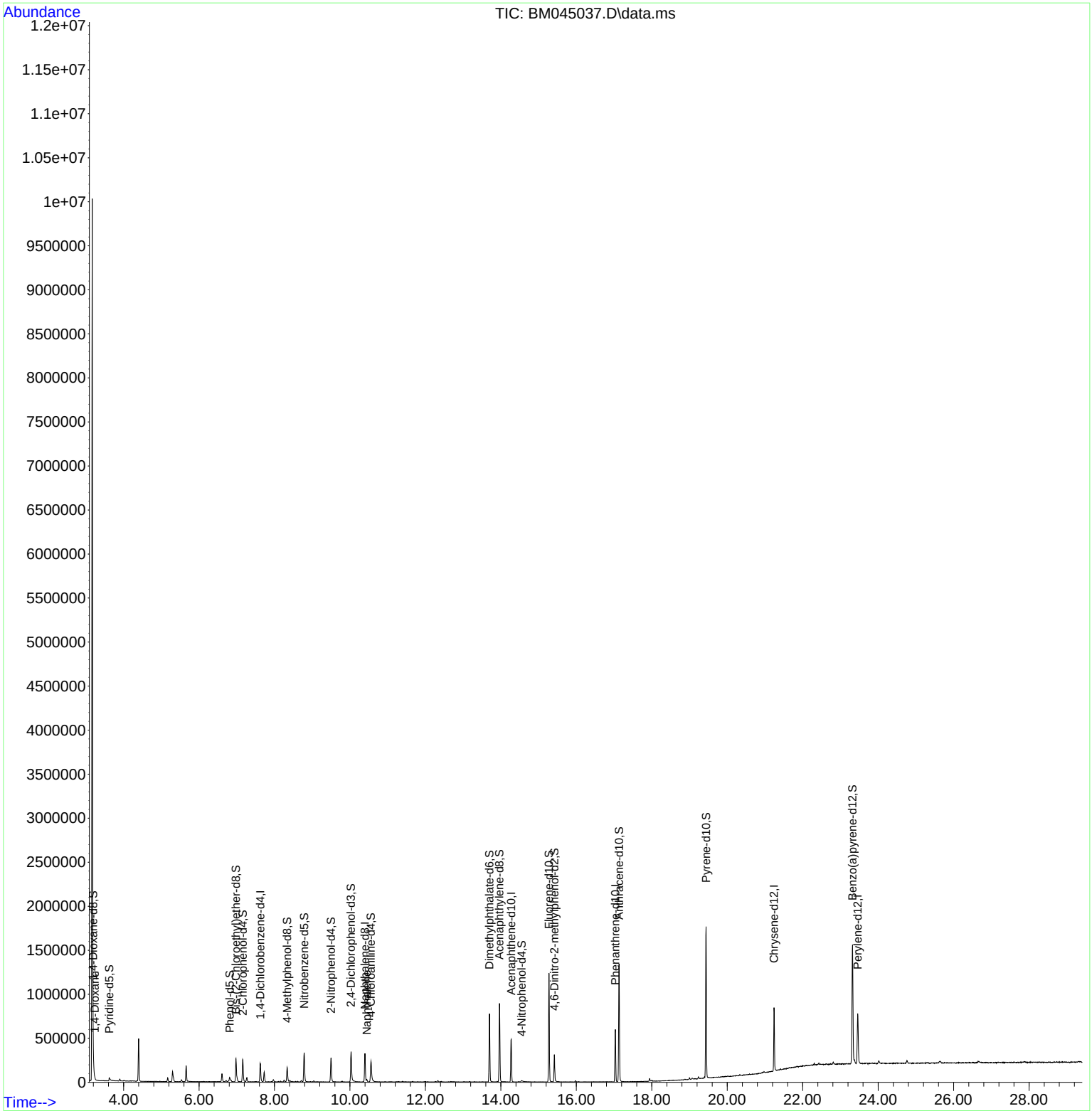

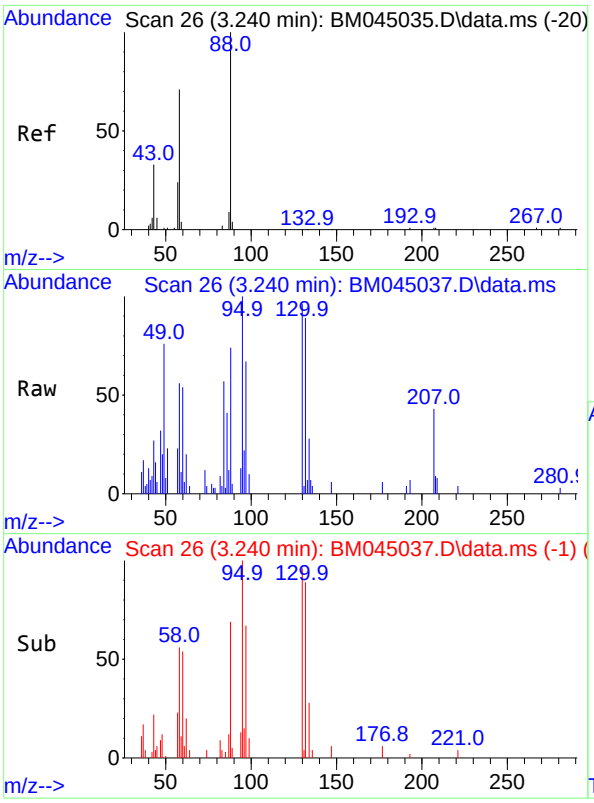

#2
1,4-Dioxane
Concen: 3.556 ng/uL
RT: 3.240 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM045037.D
Acq: 08 Apr 2024 11:47

Tgt Ion: 88 Resp: 558

Ion	Ratio	Lower	Upper
88	100		
43	36.2	24.0	36.0#
58	76.3	45.4	68.2#

Instrument :
BNA_M
ClientSampleId :
C0AM3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/09/2024
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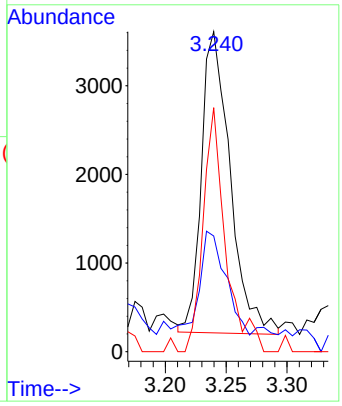

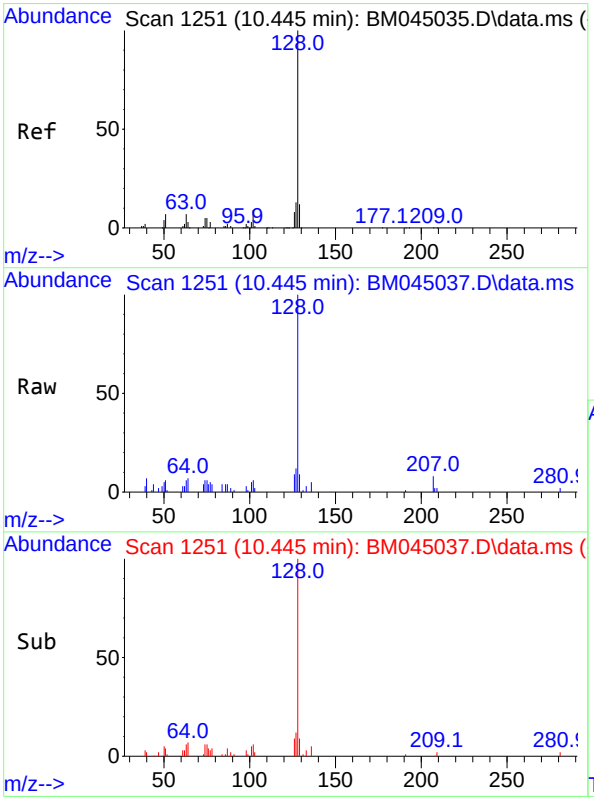

#30
Naphthalene
Concen: 1.538 ng/ul
RT: 10.445 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BM045037.D
Acq: 08 Apr 2024 11:47

Tgt Ion:128 Resp: 20795

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.5	12.7
127	12.1	10.2	15.4