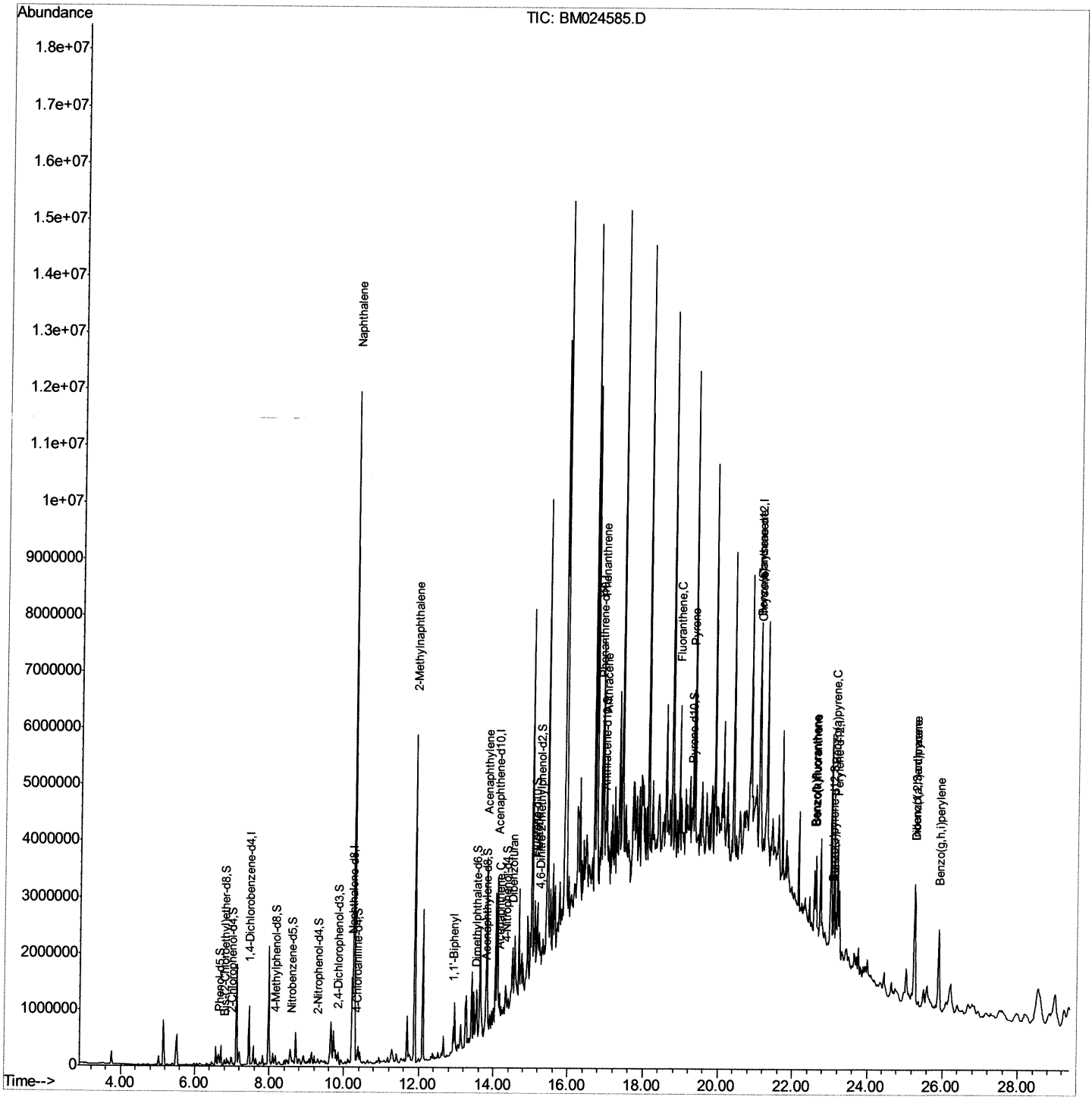
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012220\
Data File : BM024585.D
Acq On : 22 Jan 2020 17:10
Operator : JU
Sample : L1118-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 22 17:44:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GASK2DL

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:38 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012220\
Data File : BM024585.D
Acq On : 22 Jan 2020 17:10
Operator : JU
Sample : L1118-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 22 17:42:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration

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ClientSampleId :
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Manual Integrations APPROVED
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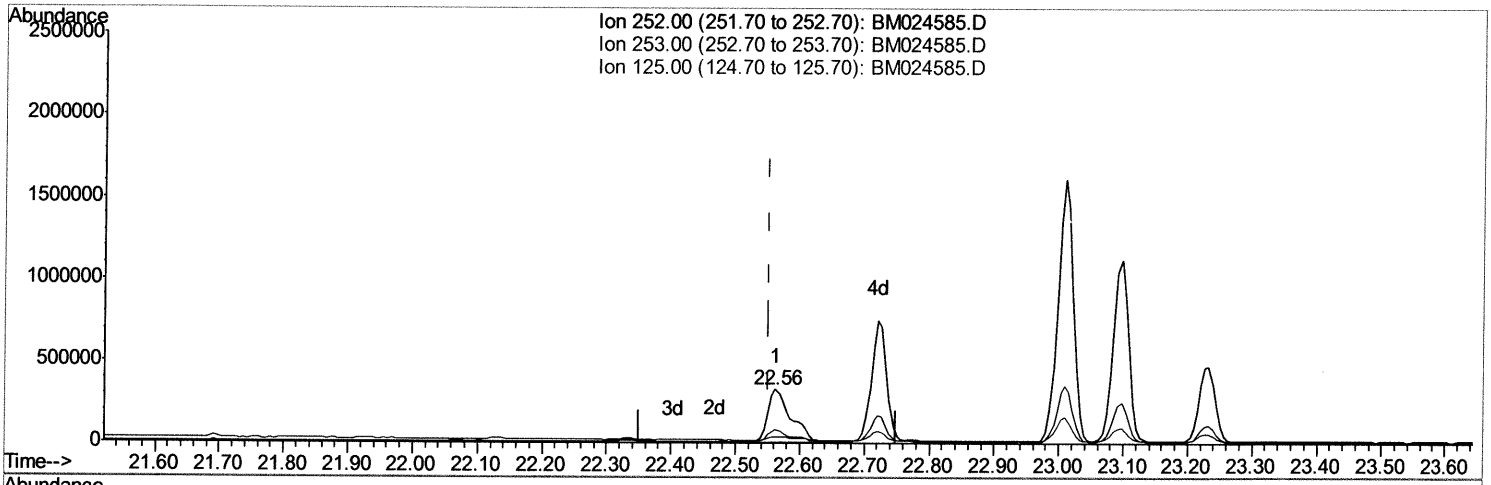

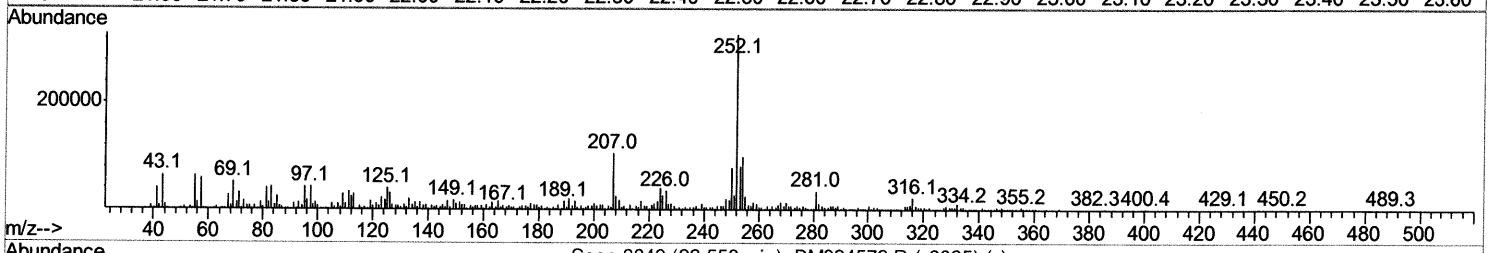

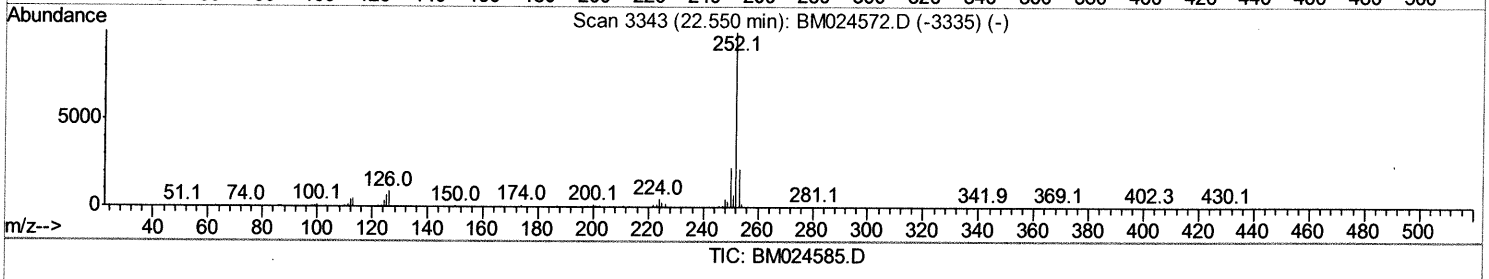

(88) Benzo(b)fluoranthene

22.562min (+0.012) 8.84ng/ul

response 801195

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.47
125.00	6.60	12.26#
0.00	0.00	0.00

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Manual Integrations APPROVED
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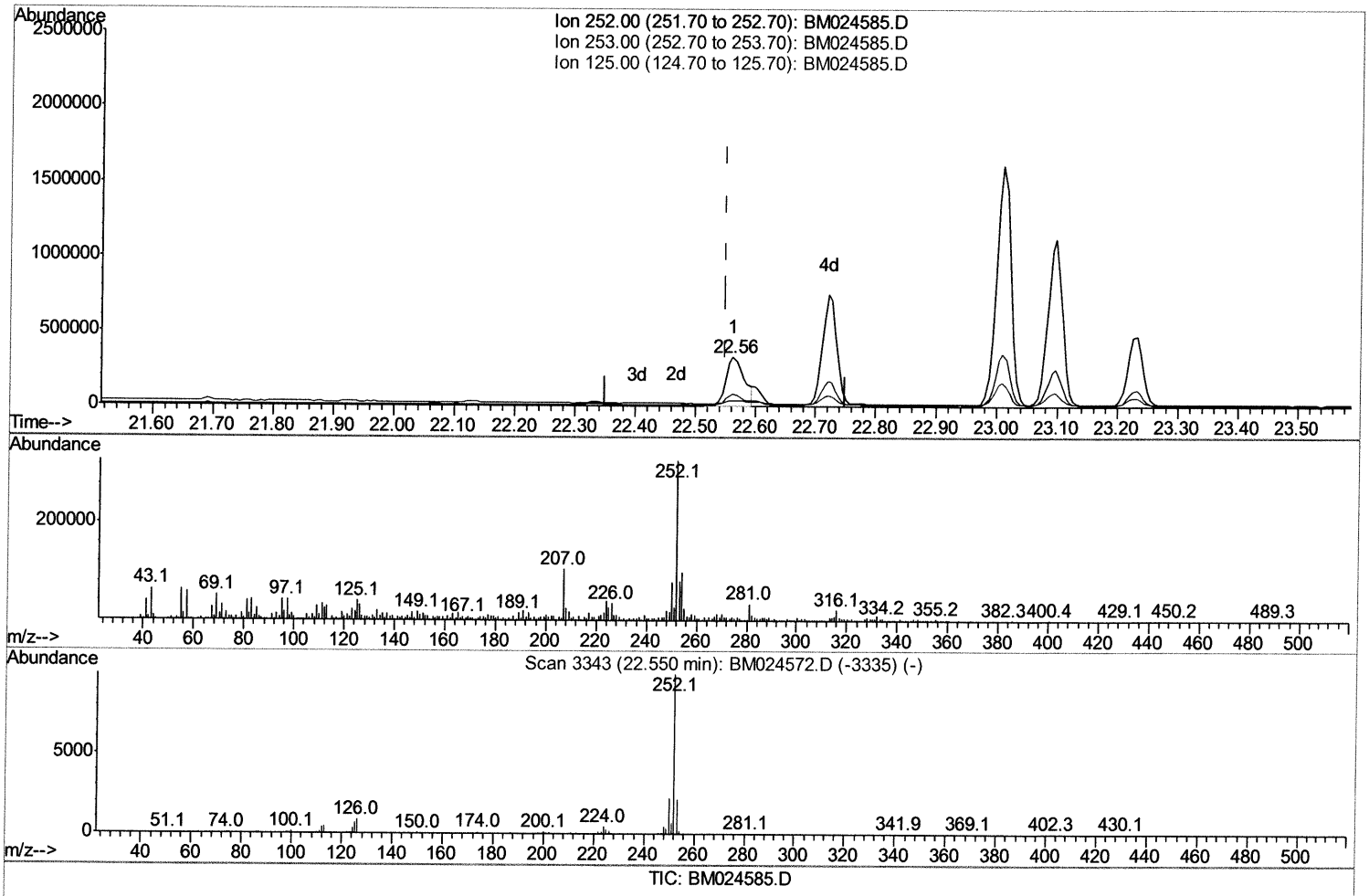
1/23/2020 1:52:38 PM



(88) Benzo(b)fluoranthene

22.562min (+0.012) 7.65ng/ul m SJ 01/23/20

response 693402

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.47
125.00	6.60	12.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012220\
Data File : BM024585.D
Acq On : 22 Jan 2020 17:10
Operator : JU
Sample : L1118-11DL 5X
Misc :
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Quant Title : SVOA CALIBRATION
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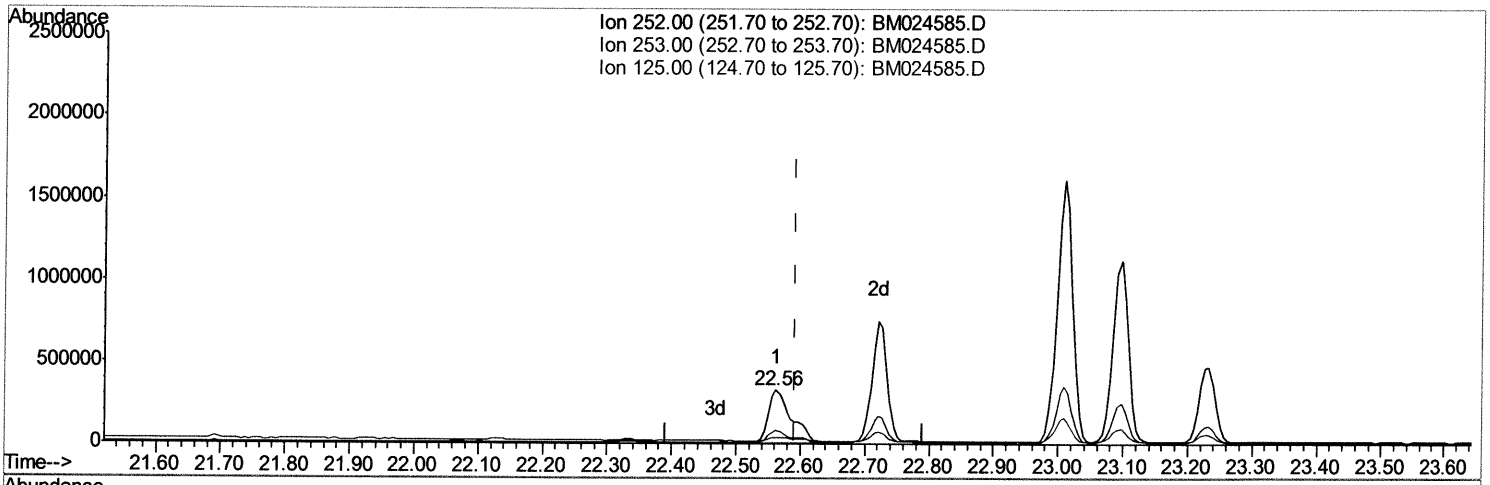
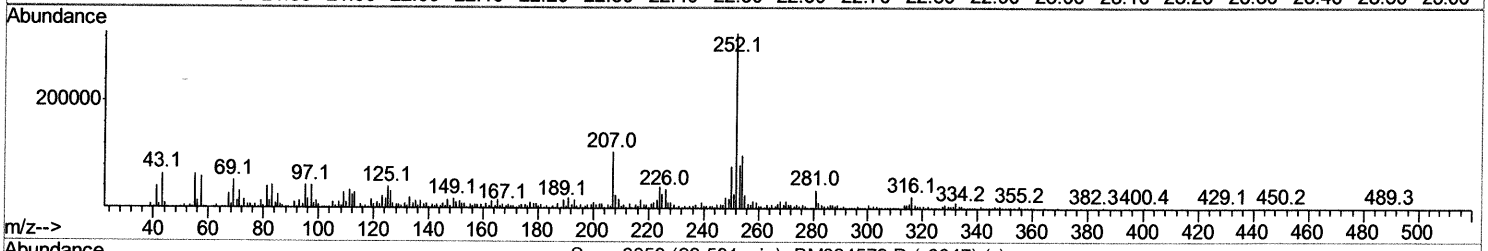
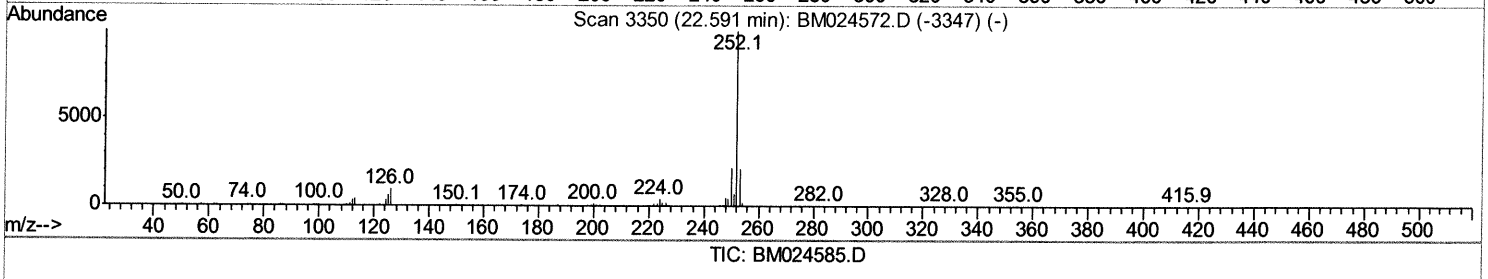
Instrument :
BNA_M
ClientSampleId :
GASK2DL

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:38 PM







(89) Benzo(k)fluoranthene

22.562min (-0.029) 9.00ng/ul

response 801195

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.47
125.00	6.50	12.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012220\
Data File : BM024585.D
Acq On : 22 Jan 2020 17:10
Operator : JU
Sample : L1118-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GASK2DL

Manual Integrations APPROVED
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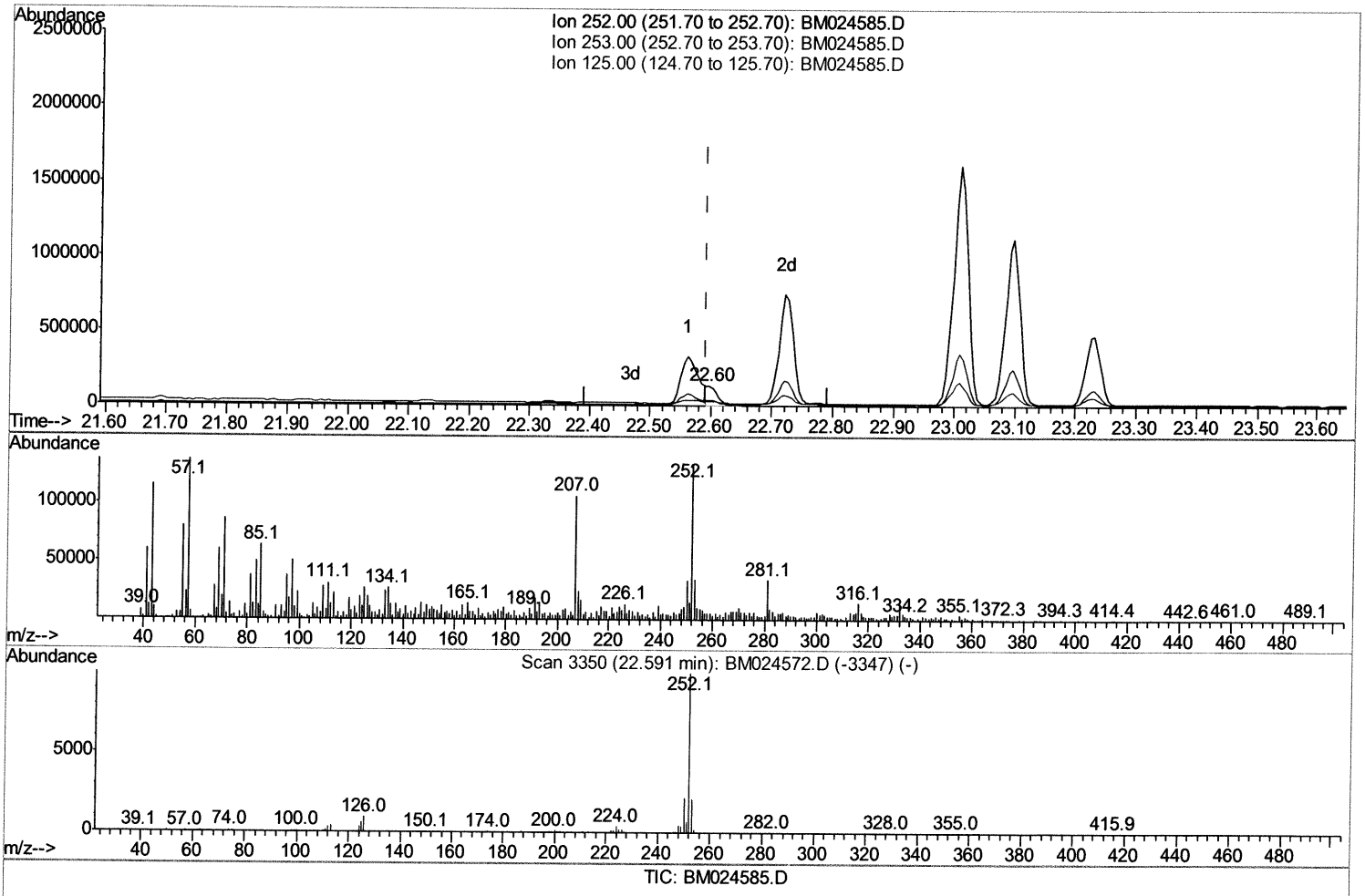
1/23/2020 1:52:38 PM



(89) Benzo(k)fluoranthene

22.597min (+0.006) 1.83ng/ul m SJ 01/23/20

response 163014

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	26.59#
125.00	6.50	20.74#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM012220\
Data File : BM024585.D
Acq On : 22 Jan 2020 17:10
Operator : JU
Sample : L1118-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASK2DL

Manual Integrations APPROVED
mohammad
1/23/2020 1:52:38 PM

Quant Time: Jan 22 17:44:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	271764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	1172147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	770600	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1687937	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1519151	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1370754	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	1957	0.35	ng/uL	0.00
5) Phenol-d5	6.65	99	58089	2.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	38987	3.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	55278	3.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	56227	3.03	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	27119	3.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	32380	3.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	63499	3.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	61883	2.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	198181	3.28	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	258311	3.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	18067	1.79	ng/ul	0.00
58) Fluorene-d10	15.10	176	192028	3.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	14694	1.53	ng/ul	0.00
71) Anthracene-d10	16.95	188	308893	3.94	ng/ul	0.00
79) Pyrene-d10	19.26	212	335780	4.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	263112	3.70	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.27	128	9459885	157.535	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	2724801	58.477	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	238276	4.259	ng/ul	99
48) Acenaphthylene	13.82	152	2036885	28.695	ng/ul	99
50) Acenaphthene	14.16	153	103374	2.152	ng/ul	97
54) Dibenzofuran	14.50	168	309698	4.400	ng/ul	98
59) Fluorene	15.16	166	542568	9.118	ng/ul	99
70) Phenanthrene	16.90	178	2397367	26.336	ng/ul	98
72) Anthracene	16.99	178	842366	9.075	ng/ul	98
77) Fluoranthene	18.92	202	965986	8.683	ng/ul	97
80) Pyrene	19.29	202	1526586	14.679	ng/ul	99
83) Benzo(a)anthracene	21.05	228	448983	4.339	ng/ul#	40
85) Chrysene	21.08	228	1369815	13.737	ng/ul	95
88) Benzo(b)fluoranthene	22.56	252	693402m	7.653	ng/ul	SJ 01/23/20
89) Benzo(k)fluoranthene	22.60	252	163014m	1.831	ng/ul	
91) Benzo(a)pyrene	23.10	252	1864315	23.679	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	2025793	24.590	ng/ul	98
93) Dibenzo(a,h)anthracene	25.26	278	409610	5.859	ng/ul#	89
94) Benzo(g,h,i)perylene	25.89	276	1628398	24.871	ng/ul	99

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