Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\

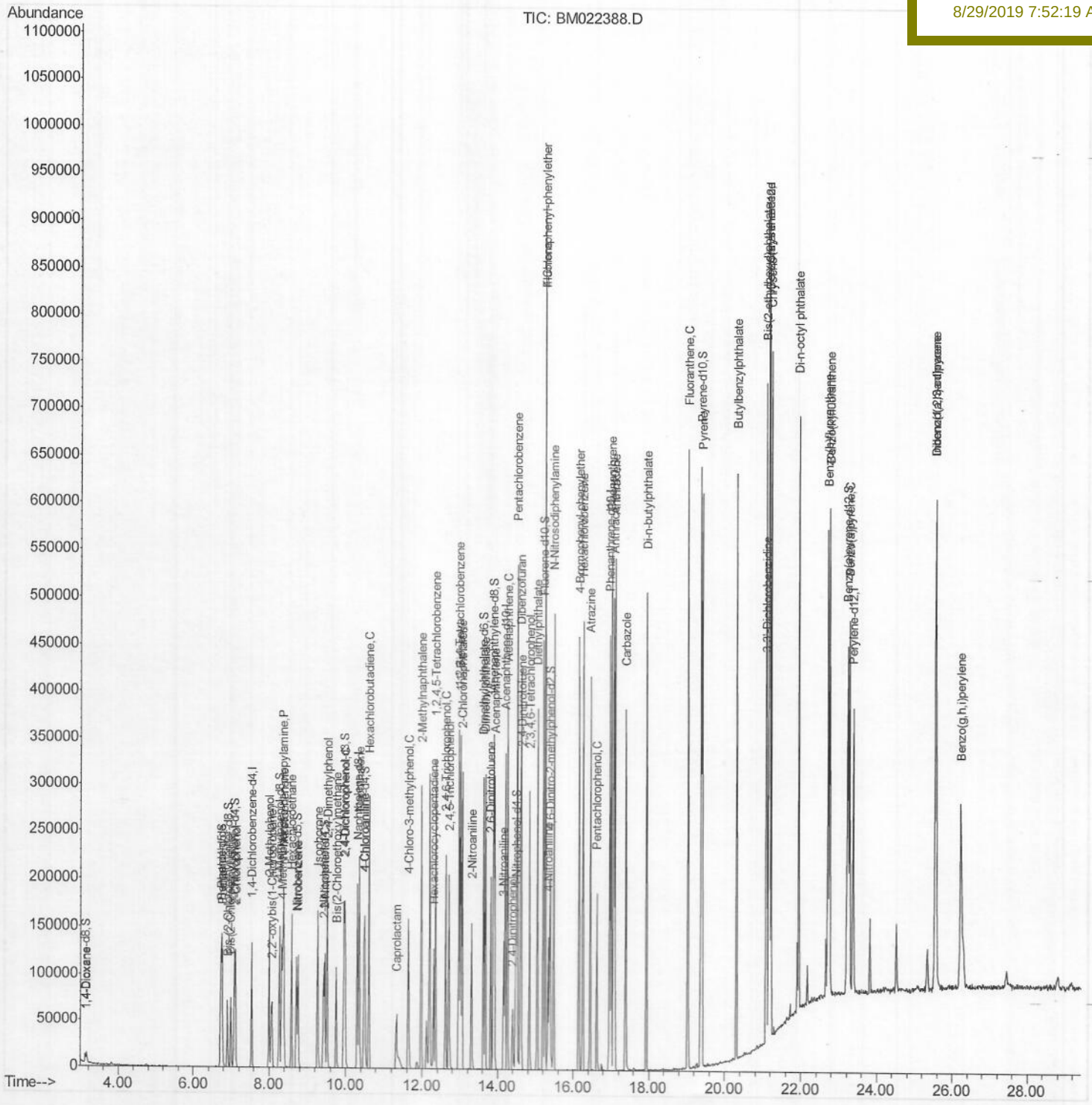
Quantitation Report (QT Reviewed)

Data File : BM022388.D
Acq On : 28 Aug 2019 18:14
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 02:27:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:19 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022388.D
Acq On : 28 Aug 2019 18:14
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 18:49:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
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Instrument :
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LabSampleId :
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mohammad
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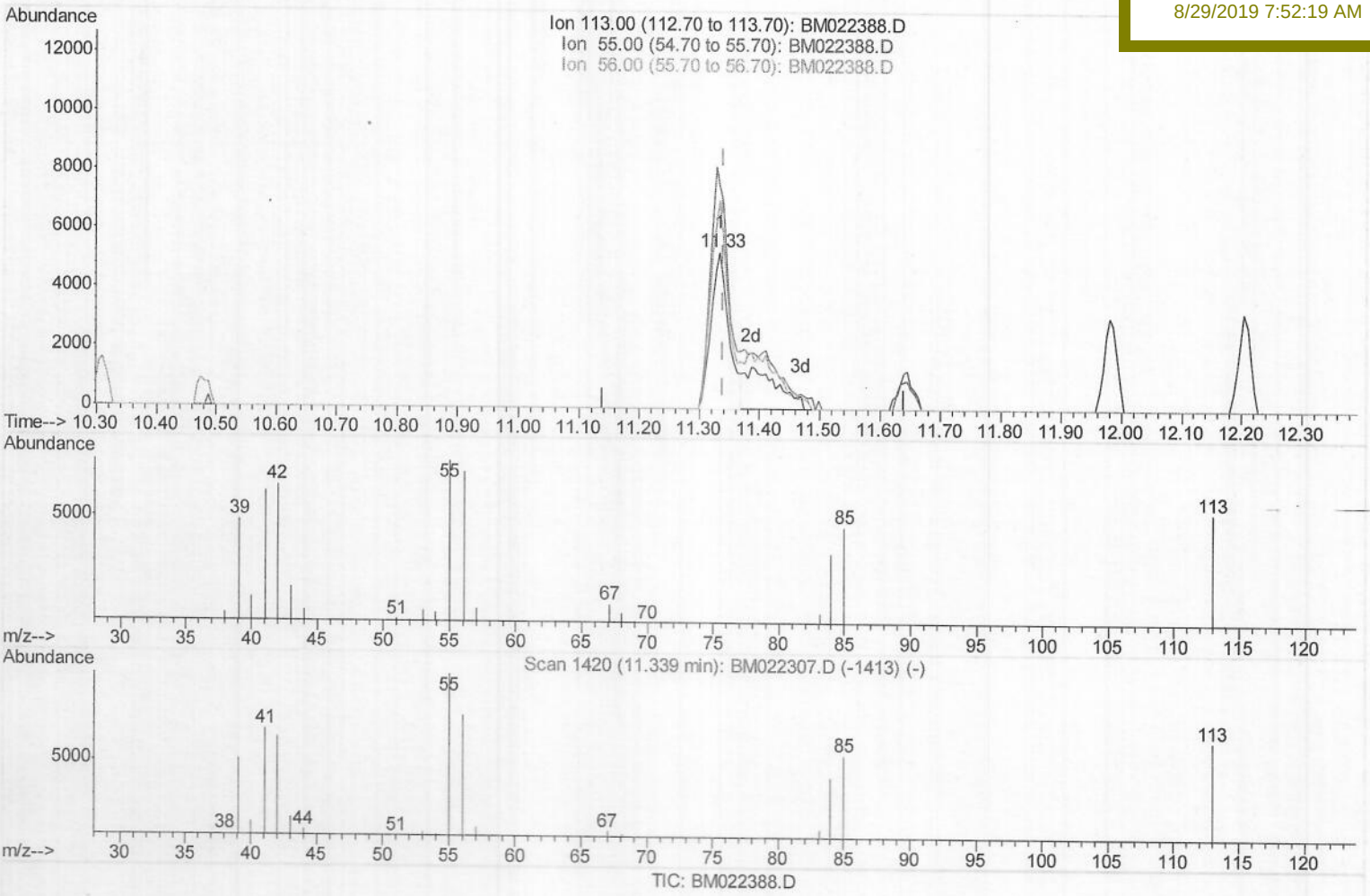

TIC: BM022388.D

(32) Caprolactam

11.333min (-0.006) 15.12ng/ul

response 10821

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	142.17
56.00	130.80	132.94
0.00	0.00	0.00

Quantitation Report (Qedit)

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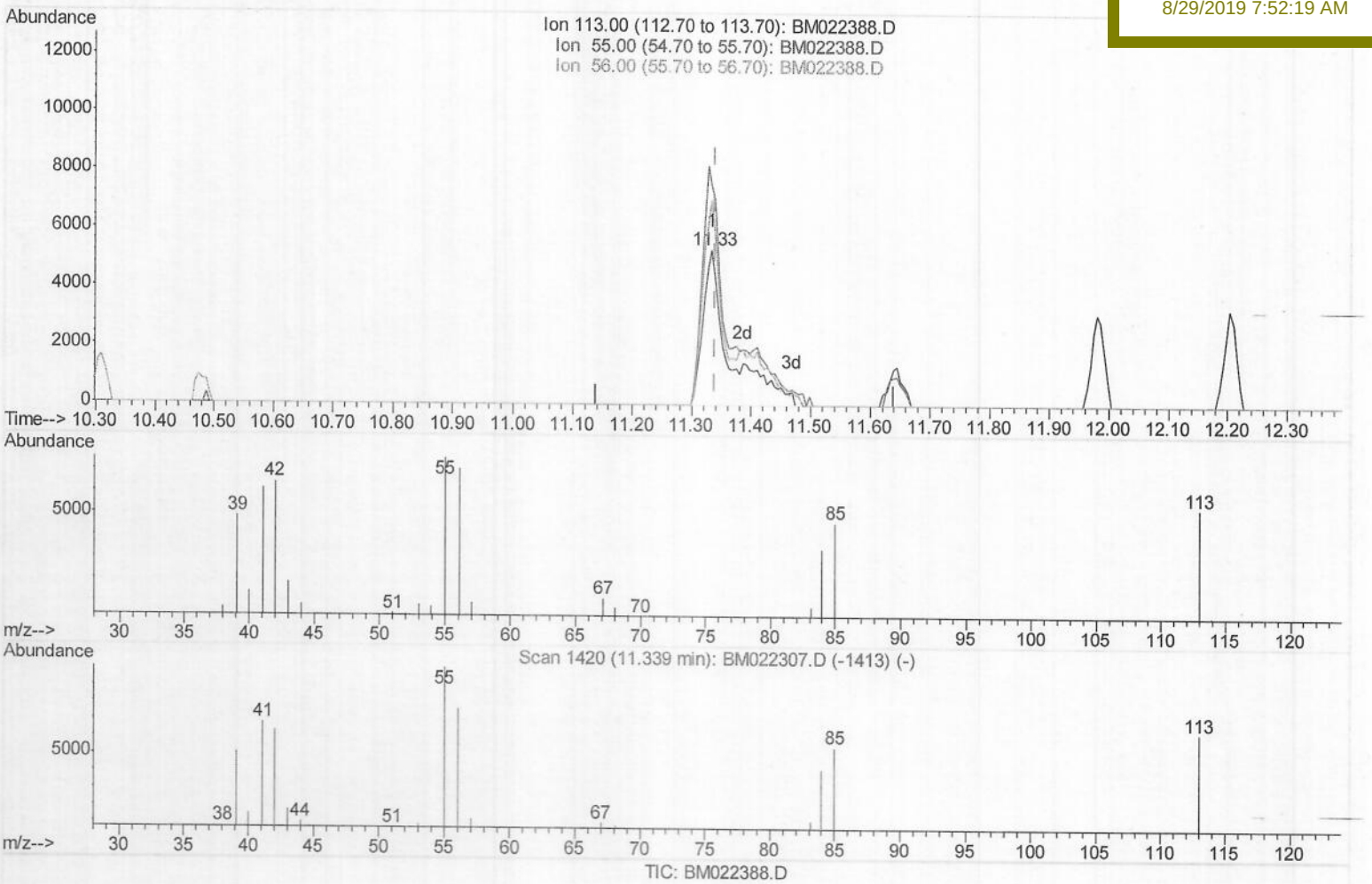
Manual Integrations APPROVED
mohammad
8/29/2019 7:52:19 AM



TIC: BM022388.D

(32) Caprolactam

11.333min (-0.006) 22.63ng/ul m) JU 08/29/19

response 16191

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	142.17
56.00	130.80	132.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022388.D
Acq On : 28 Aug 2019 18:14
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 18:51:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
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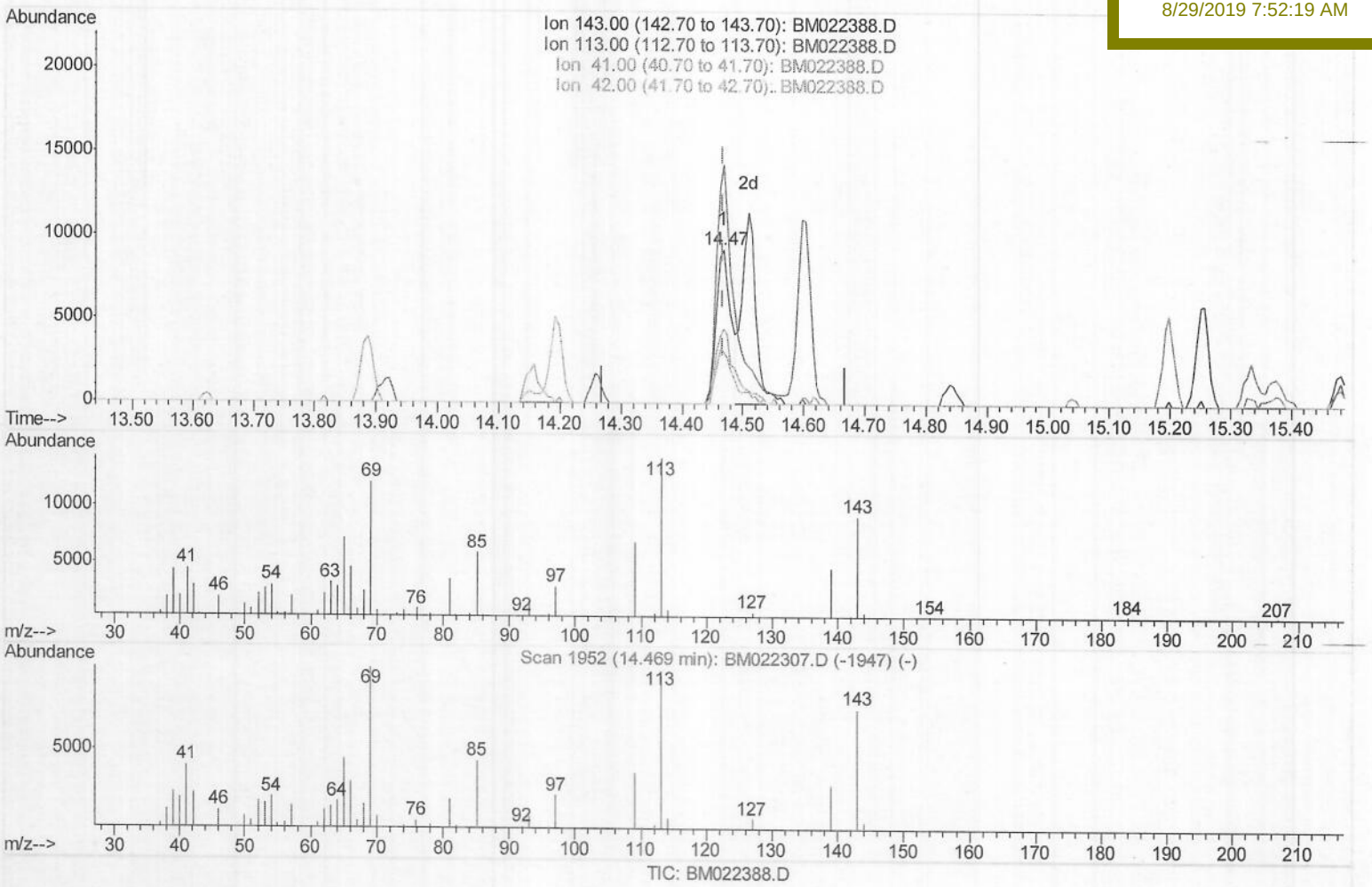

Scan 1952 (14.469 min): BM022307.D (-1947) (-)

TIC: BM022388.D

(51) 4-Nitrophenol-d4 (S)

14.469min (+0.000) 11.75ng/ul

response 15180

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	154.44#
41.00	50.80	48.32
42.00	27.00	32.85#

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\

Quantitation Report (Qedit)

Data File : BM022388.D
Acq On : 28 Aug 2019 18:14
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
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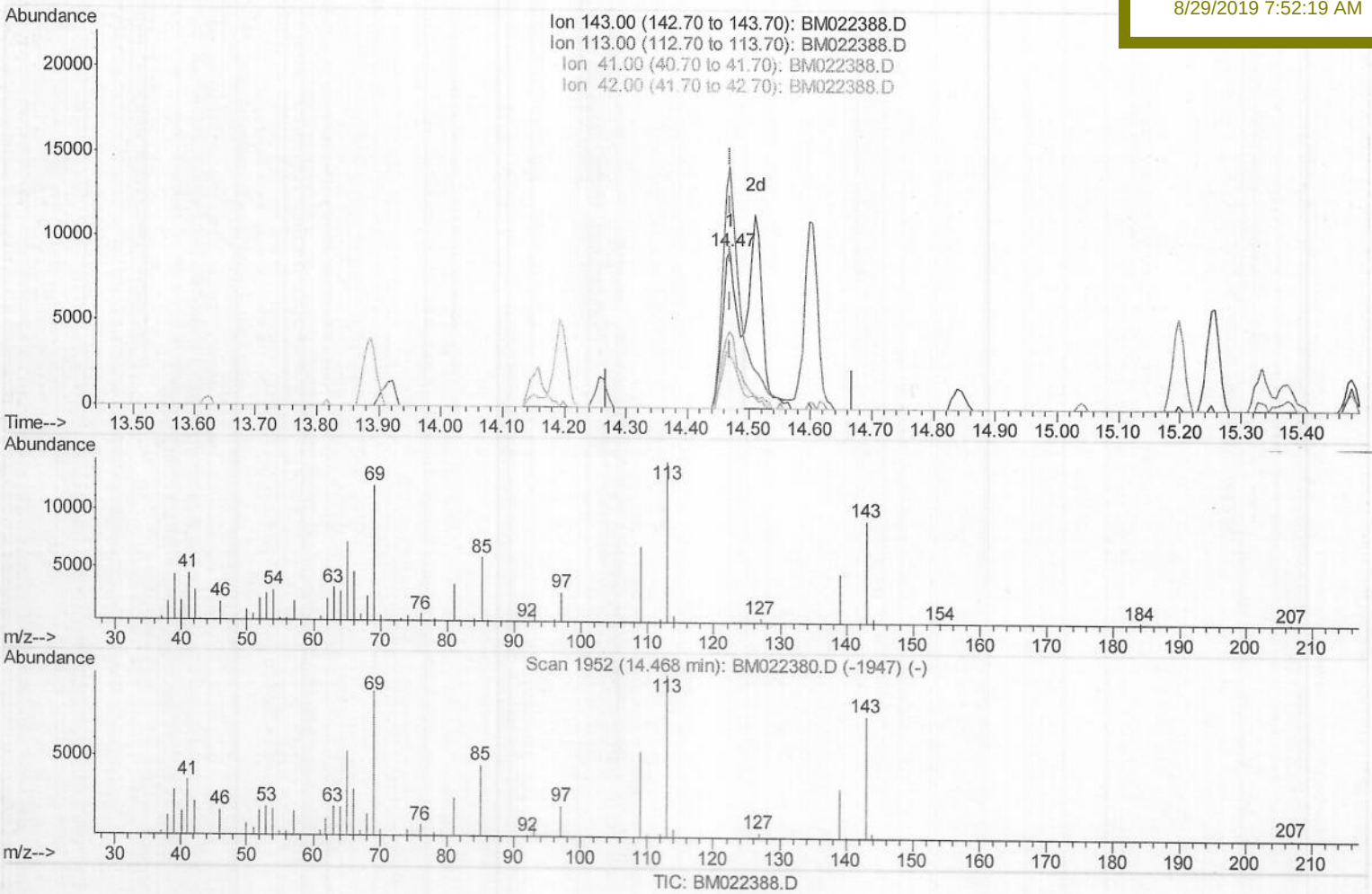
Manual Integrations APPROVED
mohammad
8/29/2019 7:52:19 AM



TIC: BM022388.D

(51) 4-Nitrophenol-d4 (S)

14.469min (+0.000) 12.93ng/ul m JJU 08/29/19

response 16699

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	154.44#
41.00	50.80	48.32
42.00	27.00	32.85#

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\

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LabSampleId : SSTD02061

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	28265	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	128813	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	99020	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	238866	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	247820	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	221423	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5929	9.39	ng/uL	0.00
5) Phenol-d5	6.74	99	49624	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	29135	20.53	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.07	132	42678	21.67	ng/ul	-0.01
13) 4-Methylphenol-d8	8.26	113	43058	20.37	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	20690	21.54	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	24296	21.73	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.95	165	52599	23.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.48	131	61062	22.06	ng/ul	-0.01
43) Dimethylphthalate-d6	13.62	166	175774	20.16	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	207328	22.07	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.47	143	16699m	12.93	ng/ul	0.00
57) Fluorene-d10	15.20	176	153572	21.24	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	30838	16.73	ng/ul	0.00
70) Anthracene-d10	17.06	188	265461	20.99	ng/ul	-0.01
78) Pyrene-d10	19.37	212	323835	25.14	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	244763	20.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6666	9.846	ng/uL	92
4) Benzaldehyde	6.72	77	37013	26.360	ng/ul	92
6) Phenol	6.76	94	49912	19.108	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.99	93	35893	18.874	ng/ul	94
10) 2-Chlorophenol	7.11	128	42767	20.918	ng/ul	96
11) 2-Methylphenol	7.99	108	38679	18.803	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.07	45	45896	18.520	ng/ul	99
14) Acetophenone	8.37	105	70333	19.243	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.36	70	34999	18.917	ng/ul	94
16) 4-Methylphenol	8.33	108	43127	19.069	ng/ul	96
17) Hexachloroethane	8.58	117	21730	21.677	ng/ul	95
20) Nitrobenzene	8.75	77	60211	21.288	ng/ul	96
21) Isophorone	9.27	82	98747	19.156	ng/ul	98
23) 2-Nitrophenol	9.45	139	26295	21.416	ng/ul	88
24) 2,4-Dimethylphenol	9.51	107	60279	20.934	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	54682	19.648	ng/ul	98
27) 2,4-Dichlorophenol	9.97	162	50740	22.007	ng/ul	97
28) Naphthalene	10.36	128	146544	20.615	ng/ul	98
30) 4-Chloroaniline	10.50	127	59124	20.523	ng/ul	95
31) Hexachlorobutadiene	10.61	225	55392	25.048	ng/ul	95
32) Caprolactam	11.33	113	16191m	22.627	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	53382	20.971	ng/ul	97
34) 2-Methylnaphthalene	11.98	142	115181	21.030	ng/ul	97

JU 08/29/19

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Manual Integrations APPROVED
mohammad
8/29/2019 7:52:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	94121	22.984	ng/ul	98
37) Hexachlorocyclopentadiene	12.30	237	31095	16.365	ng/ul	99
38) 2,4,6-Trichlorophenol	12.62	196	50593	22.000	ng/ul	95
39) 2,4,5-Trichlorophenol	12.70	196	54900	21.827	ng/ul	96
40) 1,1'-Biphenyl	13.02	154	155060	19.242	ng/ul	99
41) 2-Chloronaphthalene	13.06	162	127573	20.311	ng/ul	99
42) 2-Nitroaniline	13.31	65	39455	20.556	ng/ul	97
44) Dimethylphthalate	13.67	163	172544	19.446	ng/ul#	99
45) 2,6-Dinitrotoluene	13.82	165	33076	19.412	ng/ul	98
47) Acenaphthylene	13.92	152	184913	18.986	ng/ul	99
48) 3-Nitroaniline	14.15	138	29510	20.344	ng/ul	89
49) Acenaphthene	14.26	153	138485	20.027	ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	15736	15.444	ng/ul	96
52) 4-Nitrophenol	14.48	109	42613	19.850	ng/ul	90
53) Dibenzofuran	14.60	168	203556	19.765	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	52038	19.758	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.84	232	56015	21.964	ng/ul	93
56) Diethylphthalate	15.04	149	185807	19.525	ng/ul	98
58) Fluorene	15.26	166	176378	20.333	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.25	204	118803	22.370	ng/ul	98
60) 4-Nitroaniline	15.33	138	28718	19.080	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.39	198	30949	15.650	ng/ul	98
64) N-Nitrosodiphenylamine	15.48	169	144762	19.449	ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	76290	22.312	ng/ul	93
66) Hexachlorobenzene	16.25	284	81200	21.313	ng/ul	99
67) Atrazine	16.45	200	87449	22.558	ng/ul	95
68) Pentachlorophenol	16.62	266	34976	15.197	ng/ul	94
69) Phenanthrene	17.00	178	282652	19.780	ng/ul	99
71) Anthracene	17.10	178	292784	19.689	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	92790	21.839	ng/uL	98
73) Pentachlorobenzene	14.51	250	105103	22.804	ng/uL	98
74) Carbazole	17.39	167	226688	16.878	ng/ul	99
75) Di-n-butylphthalate	17.93	149	320110	18.657	ng/ul	99
76) Fluoranthene	19.03	202	375089	17.418	ng/ul#	96
79) Pyrene	19.40	202	378659	23.606	ng/ul#	93
80) Butylbenzylphthalate	20.31	149	146837	21.629	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.10	252	108290	16.797	ng/ul	97
82) Benzo(a)anthracene	21.16	228	376876	20.206	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	215719	21.117	ng/ul#	96
84) Chrysene	21.22	228	348060	19.958	ng/ul	99
86) Di-n-octyl phthalate	21.94	149	335967	20.473	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	317559	20.617	ng/ul#	97
88) Benzo(k)fluoranthene	22.76	252	306471	20.518	ng/ul#	98
90) Benzo(a)pyrene	23.27	252	294664	20.070	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.55	276	341845	20.051	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.55	278	283923	19.617	ng/ul	98
93) Benzo(g,h,i)perylene	26.22	276	271639	20.886	ng/ul	98

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