Quantitation Report (Qedit)

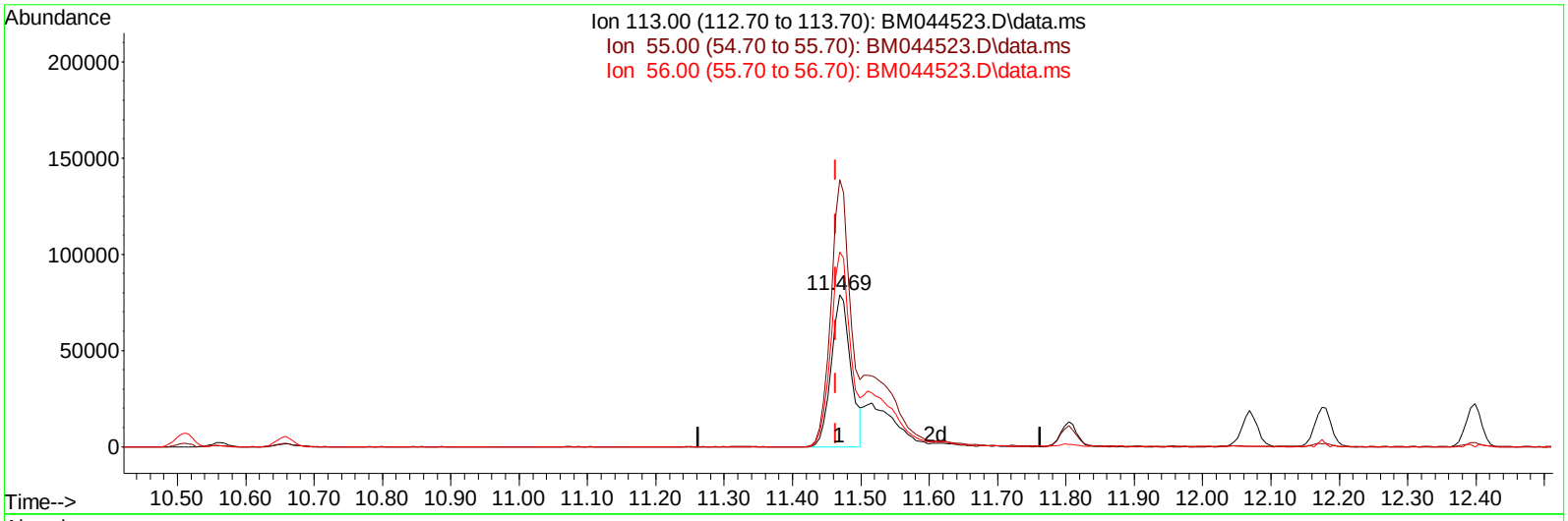
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
Data File : BM044523.D
Acq On : 06 Mar 2024 19:33
Operator : MA/JU
Sample : PB159370BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

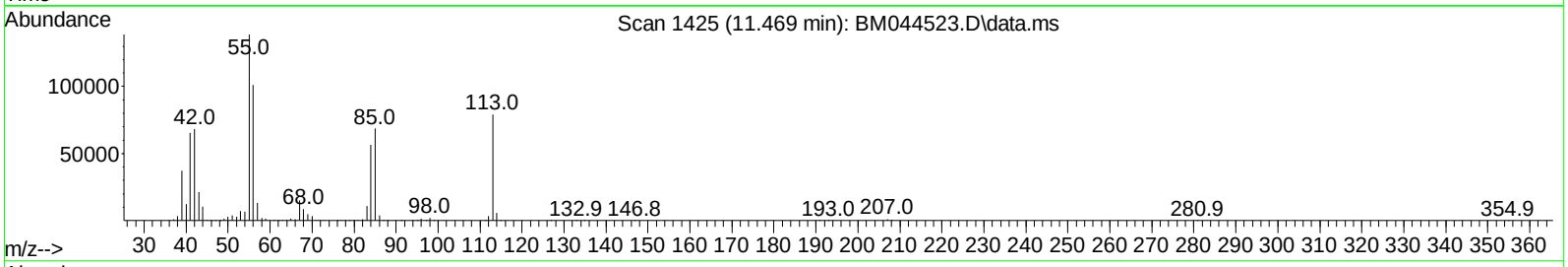
Quant Time: Mar 06 22:06:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
Response via : Initial Calibration

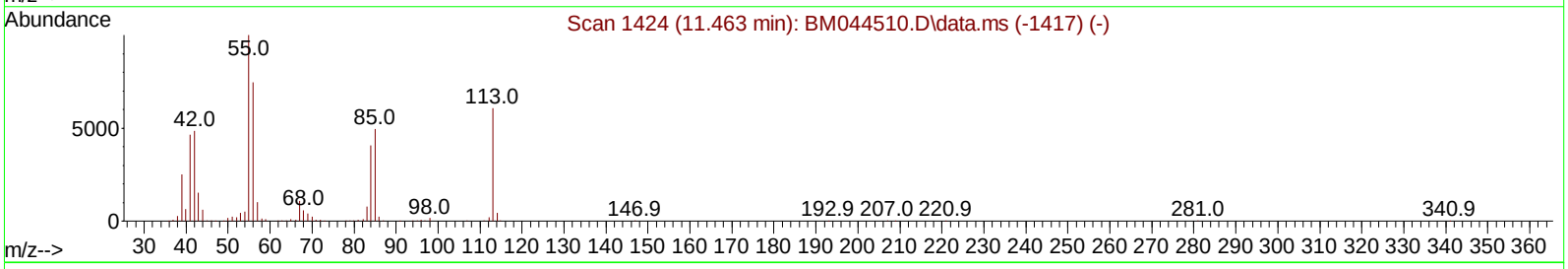
Instrument :
BNA_M
ClientSampleId :
SLCS370

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024







TIC: BM044523.D\data.ms

(34) Caprolactam

11.469min (+ 0.006) 23.78 ng/ul

response 156769

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	175.31
56.00	127.70	127.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : PB159370BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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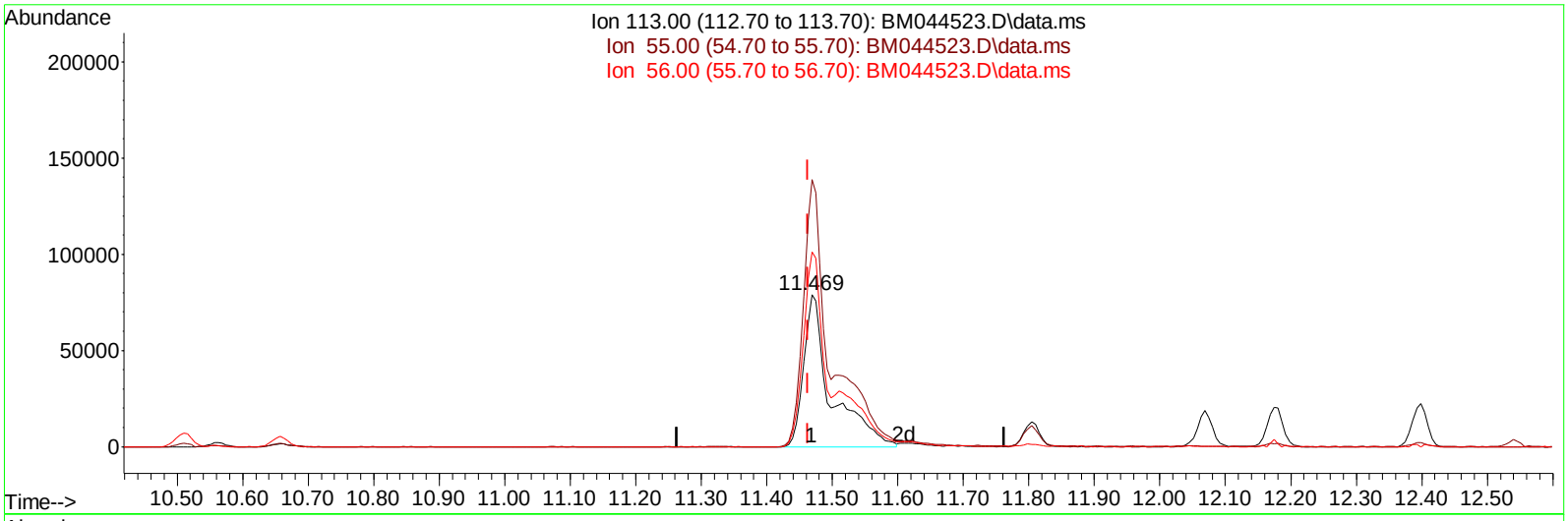
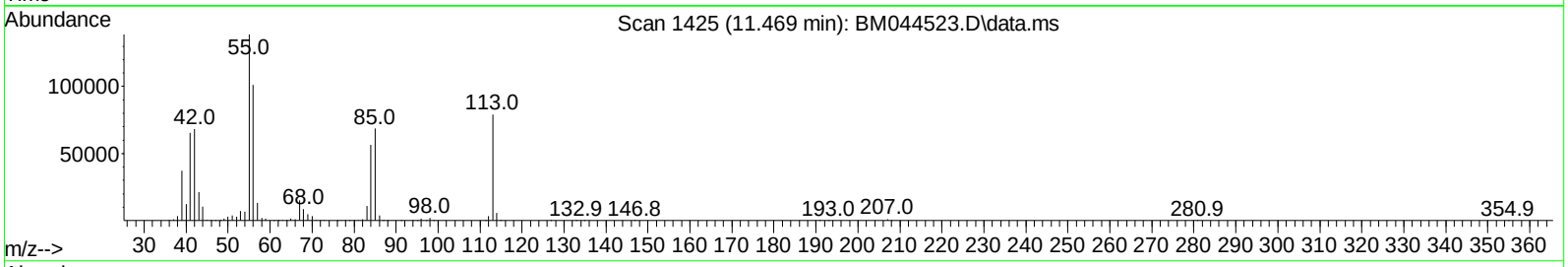
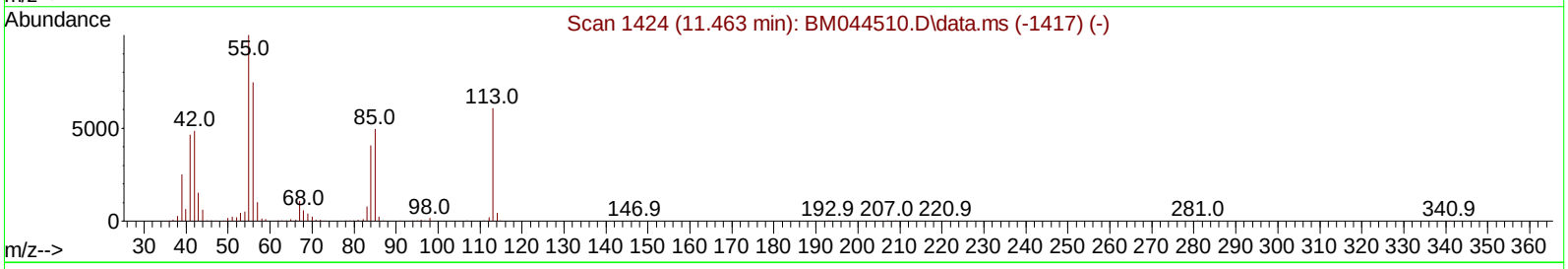
Supervised By :mohammad ahmed 03/09/2024







TIC: BM044523.D\data.ms

(34) Caprolactam

11.469min (+ 0.006) 34.85 ng/ul m

response 229714

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	175.31
56.00	127.70	127.77
0.00	0.00	0.00

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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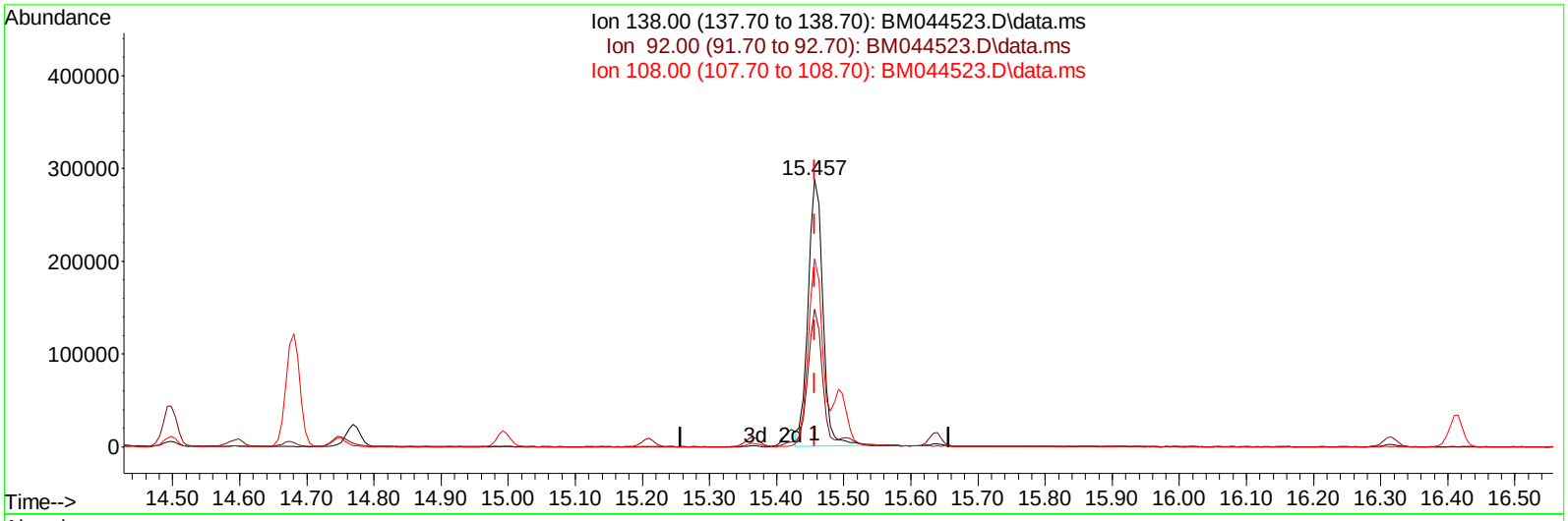

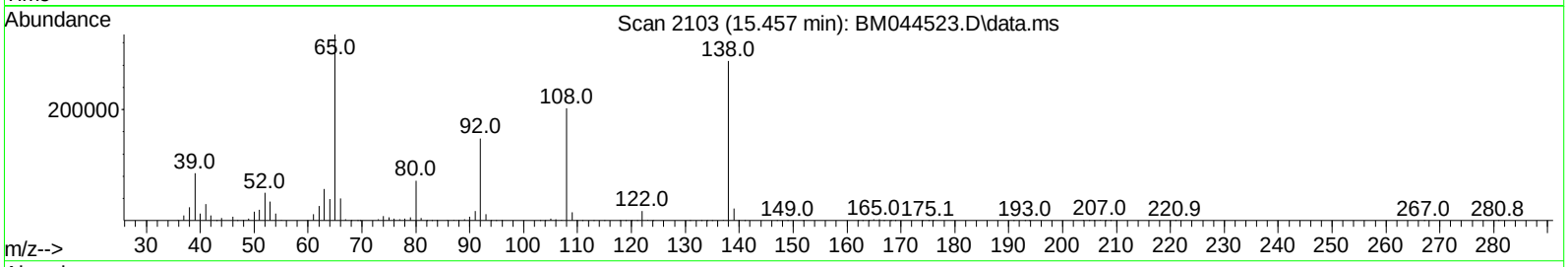

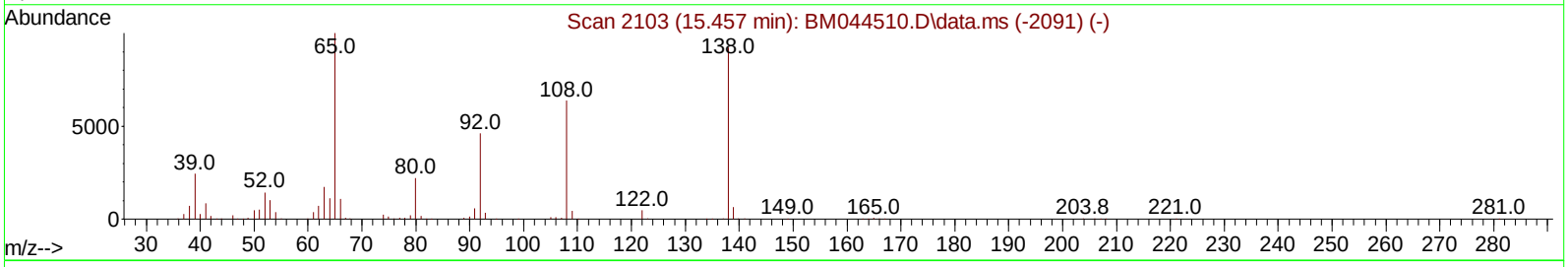

TIC: BM044523.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 38.76 ng/ul

response 440786

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.52
108.00	68.30	70.48
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB159370BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 22:06:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 23:05:11 2024
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Instrument :
BNA_M
ClientSampleId :
SLCS370

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
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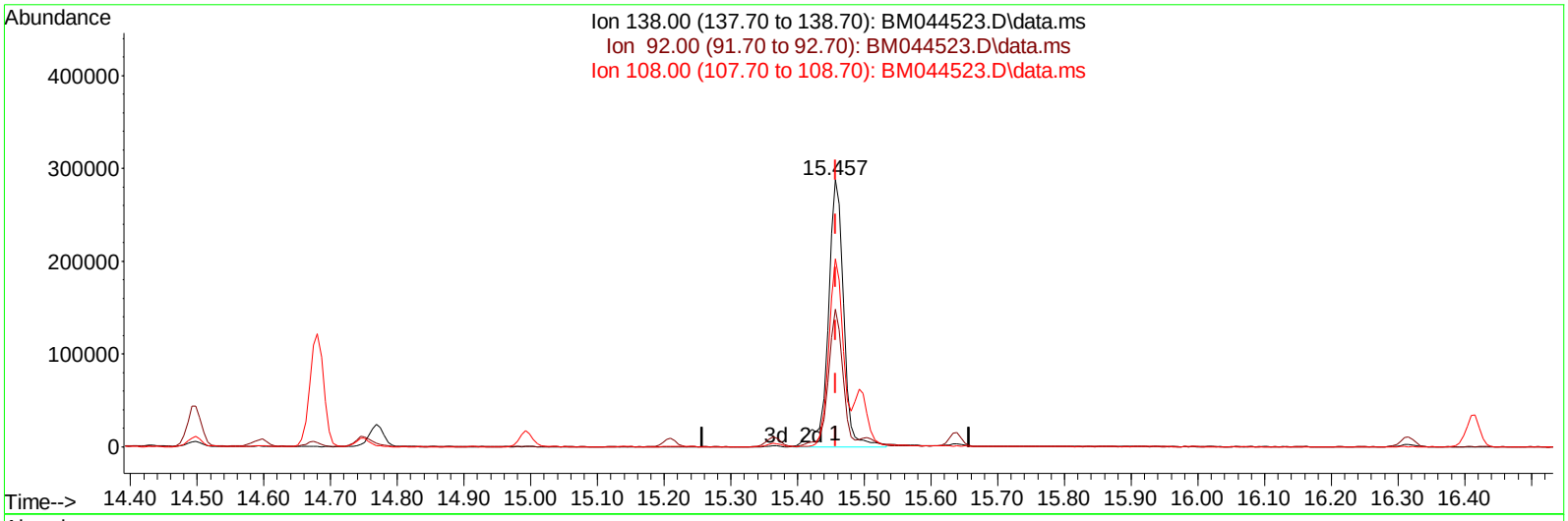

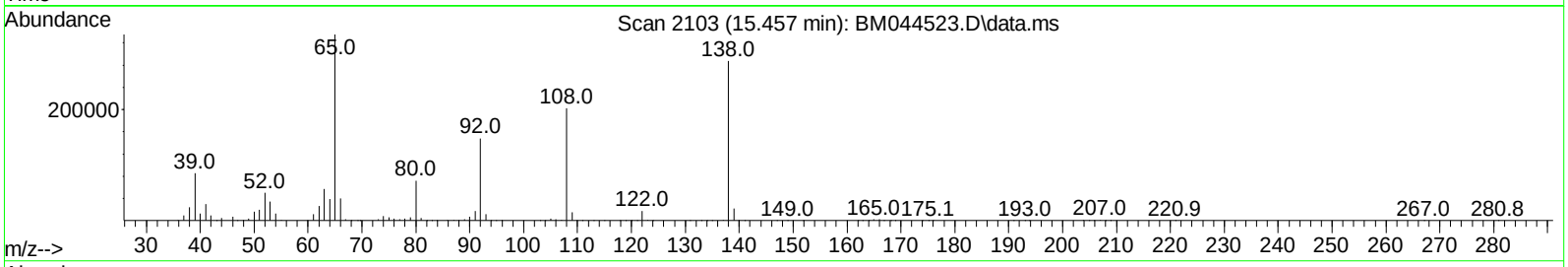

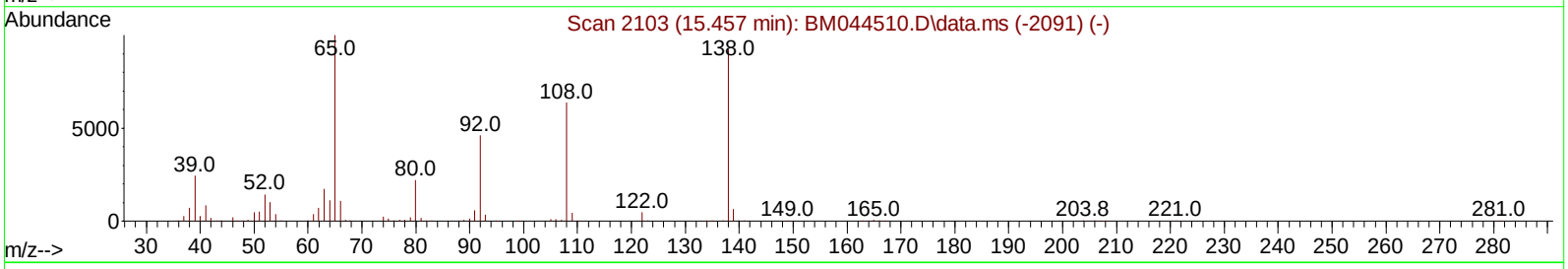

TIC: BM044523.D\data.ms

(63) 4-Nitroaniline

15.457min (+ 0.000) 41.20 ng/ul m

response 468567

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.52
108.00	68.30	70.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 06 Mar 2024 19:33
Operator : MA/JU
Sample : PB159370BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 22:32:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
SLCS370

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	241130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1097516	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	690988	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1400001	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1140585	20.000	ng/ul	0.00
88) Perylene-d12	23.556	264	1069980	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	43318	6.093	ng/uL	0.00
4) Pyridine-d5	3.681	84	654529	31.279	ng/ul	0.00
7) Phenol-d5	6.904	99	853851	34.442	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	532077	34.747	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	640164	35.139	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	669887	34.407	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	335901	36.346	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	367551	36.892	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	648054	38.220	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	831743	29.535	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	1913071	35.294	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	2197499	35.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	392422	34.911	ng/ul	0.00
60) Fluorene-d10	15.363	176	1611029	35.368	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	343263	37.772	ng/ul	0.00
73) Anthracene-d10	17.215	188	2450987	36.626	ng/ul	0.00
81) Pyrene-d10	19.515	212	2782806	39.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	2181139	38.783	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	91373	12.415	ng/uL	98
5) Pyridine	3.699	79	661926	30.499	ng/ul	99
6) Benzaldehyde	6.893	77	403729	37.389	ng/ul	97
8) Phenol	6.928	94	881325	34.833	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.169	93	711433	34.244	ng/ul	97
12) 2-Chlorophenol	7.298	128	663026	35.284	ng/ul	99
13) 2-Methylphenol	8.169	108	673071	35.056	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.251	45	1003098	36.561	ng/ul	98
16) Acetophenone	8.557	105	1064863	35.265	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.545	70	567215	36.358	ng/ul	98
18) 4-Methylphenol	8.498	108	736222	35.225	ng/ul	95
19) Hexachloroethane	8.793	117	265116	34.443	ng/ul	95
22) Nitrobenzene	8.934	77	802618	36.621	ng/ul	98
23) Isophorone	9.457	82	1629916	36.451	ng/ul	99
25) 2-Nitrophenol	9.634	139	392482	36.135	ng/ul	99
26) 2,4-Dimethylphenol	9.692	107	683978	34.608	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.939	93	1002119	35.635	ng/ul	98
29) 2,4-Dichlorophenol	10.163	162	634390	37.476	ng/ul	99
30) Naphthalene	10.563	128	2234226	35.943	ng/ul	100
32) 4-Chloroaniline	10.681	127	635933	23.424	ng/ul	98
33) Hexachlorobutadiene	10.828	225	350008	36.890	ng/ul	98
34) Caprolactam	11.469	113	229714m	34.845	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	729767	37.174	ng/ul	99

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SLCS370

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	1509375	36.515	ng/ul	100
37) 1-Methylnaphthalene	12.398	142	1495396	36.672	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	699597	35.588	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	423001	32.415	ng/ul	100
41) 2,4,6-Trichlorophenol	12.792	196	476162	34.552	ng/ul	100
42) 2,4,5-Trichlorophenol	12.863	196	523852	35.470	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	1913985	34.882	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	1500647	34.851	ng/ul	100
45) 2-Nitroaniline	13.457	65	499650	36.962	ng/ul	98
47) Dimethylphthalate	13.839	163	1945940	35.281	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	399114	36.227	ng/ul	99
50) Acenaphthylene	14.092	152	2542792	35.194	ng/ul	100
51) 3-Nitroaniline	14.292	138	407967	34.283	ng/ul	100
52) Acenaphthene	14.433	153	1663273	35.018	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	234048	33.211	ng/ul	98
55) 4-Nitrophenol	14.598	109	273683	34.750	ng/ul	97
56) Dibenzofuran	14.769	168	2223028	35.185	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	589575	37.073	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.992	232	420622	34.415	ng/ul	98
59) Diethylphthalate	15.210	149	2016054	35.220	ng/ul	99
61) Fluorene	15.421	166	1822788	35.276	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	857801	35.767	ng/ul	98
63) 4-Nitroaniline	15.457	138	468567m	41.198	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	360124	37.083	ng/ul	100
67) N-Nitrosodiphenylamine	15.639	169	1542416	36.580	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	523597	37.392	ng/ul	97
69) Hexachlorobenzene	16.416	284	616707	38.666	ng/ul	95
70) Atrazine	16.598	200	322312	23.392	ng/ul	99
71) Pentachlorophenol	16.763	266	367189	34.864	ng/ul	100
72) Phenanthrene	17.163	178	2907254	36.607	ng/ul	100
74) Anthracene	17.251	178	2941605	36.624	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	706421	37.778	ng/uL	99
76) Pentachlorobenzene	14.680	250	682891	37.774	ng/uL	98
77) Carbazole	17.527	167	2808875	37.216	ng/ul	99
78) Di-n-butylphthalate	18.098	149	3608597	35.546	ng/ul	100
80) Fluoranthene	19.180	202	3344140	40.141	ng/ul	98
82) Pyrene	19.545	202	3407356	39.285	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1561543	36.614	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.233	252	931190	37.742	ng/ul	99
85) Benzo(a)anthracene	21.292	228	3149027	36.765	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	2256099	36.282	ng/ul	100
87) Chrysene	21.345	228	2906622	36.654	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	3721654	38.866	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2755830	38.492	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	2772273	39.535	ng/ul	99
93) Benzo(a)pyrene	23.462	252	2524893	37.699	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	2702567	35.977	ng/ul	99
95) Dibenzo(a,h)anthracene	25.850	278	2280361	36.407	ng/ul	99
96) Benzo(g,h,i)perylene	26.527	276	2128437	35.506	ng/ul	99

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

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