Quantitation Report (Qedit)

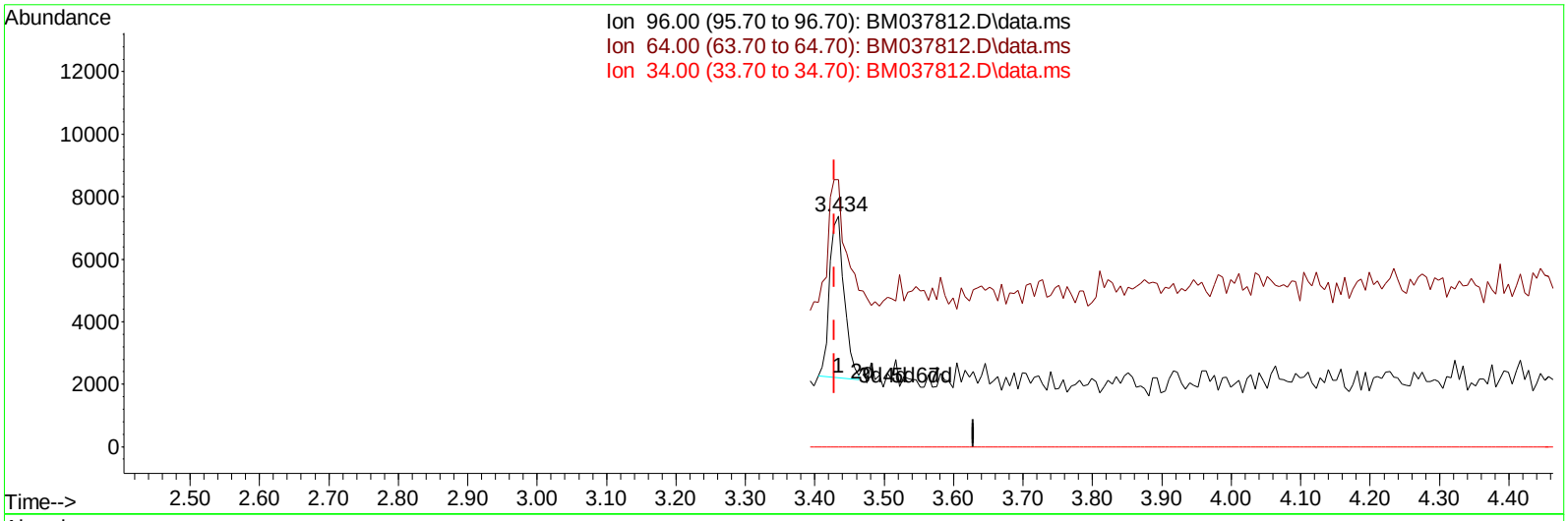
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120122\
Data File : BM037812.D
Acq On : 01 Dec 2022 16:24
Operator : CG/JU
Sample : SSTD00596
Misc :
ALS Vial : 2 Sample Multiplier: 1

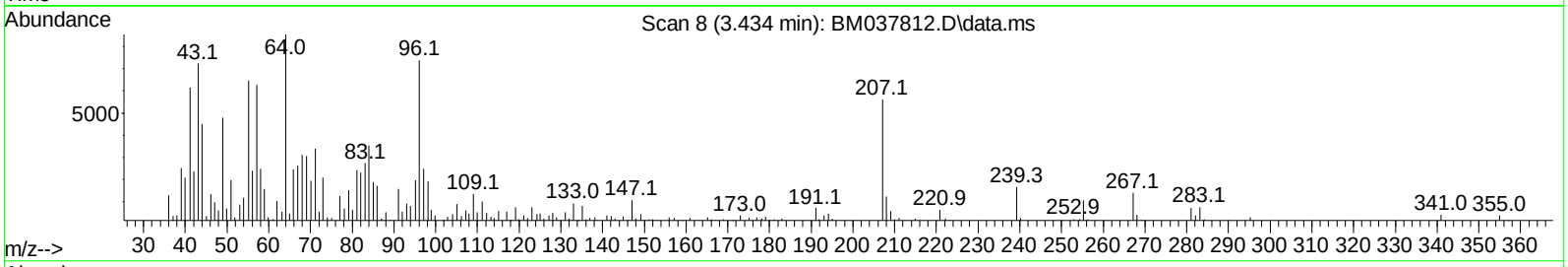
Quant Time: Dec 02 00:17:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 00:13:28 2022
Response via : Initial Calibration

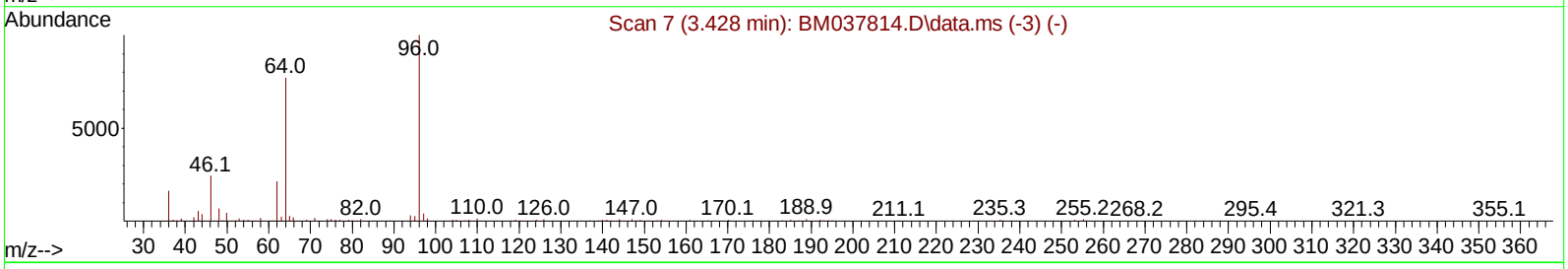
Instrument :
BNA_M
ClientSampleId :
SSTD005047

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022







TIC: BM037812.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.434min (+ 0.006) 1.50 ng/uL

response 7627

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	115.62#
34.00	0.00	0.00
0.00	0.00	0.00

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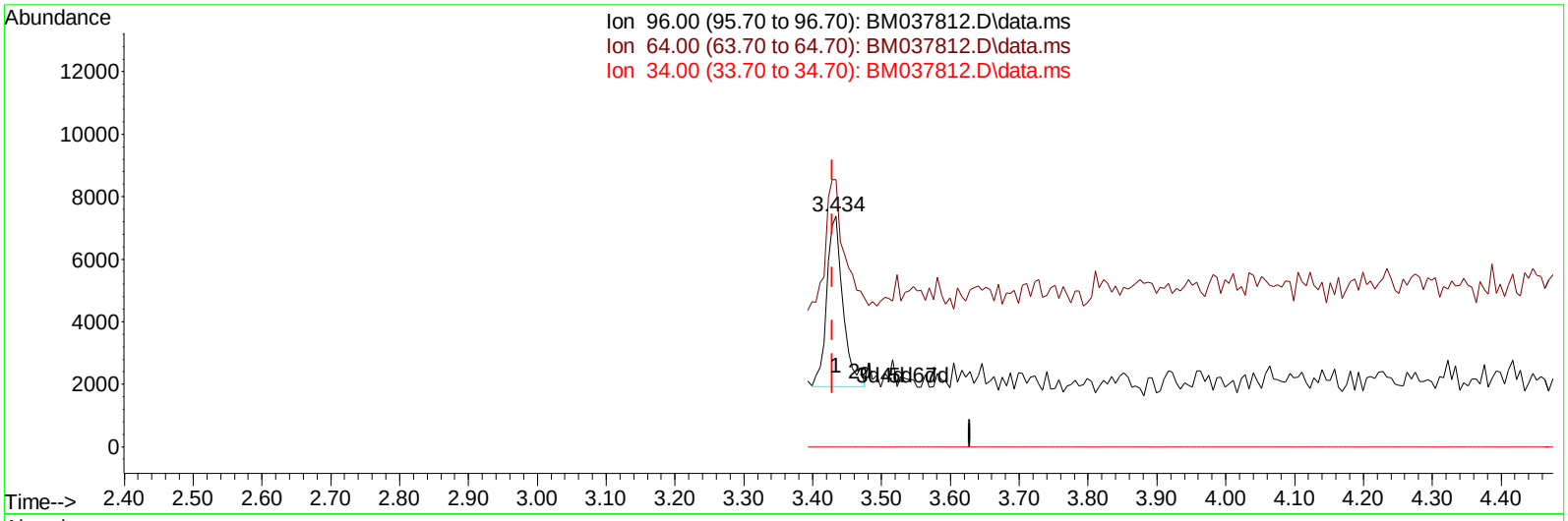

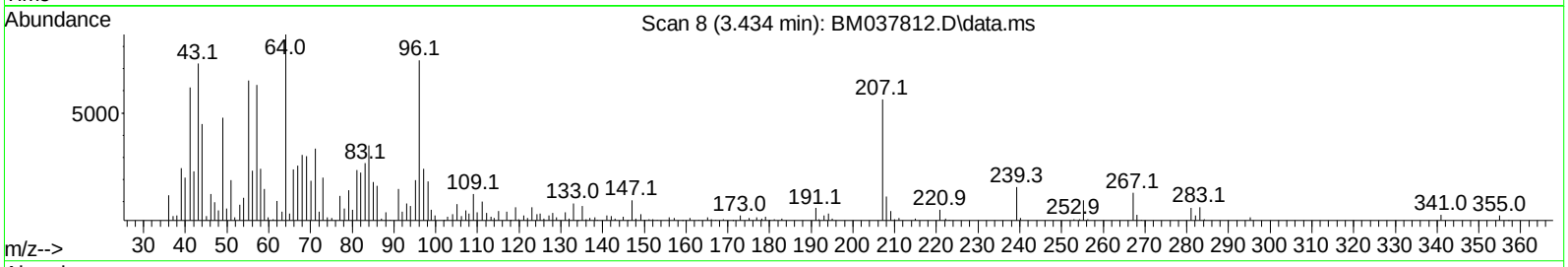

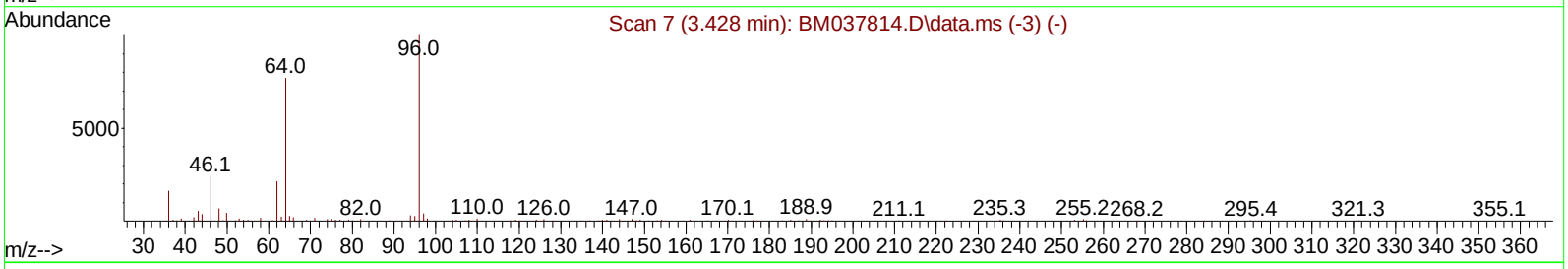

TIC: BM037812.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.434min (+ 0.006) 1.77 ng/uL m

response 8971

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	115.62#
34.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	210409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	948620	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	630788	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1342827	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1350626	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1381980	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	8971m	1.768	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.622	132	64135	4.397	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.269	128	33611	4.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	33520	4.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	63257	4.717	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.128	166	194952	4.363	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	238609	4.524	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176	178621	4.565	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.557	188	288519	4.595	ng/ul	0.00
81) Pyrene-d10	19.839	212	327971	4.778	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	312285	4.390	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	9145	1.640	ng/uL#	53
12) 2-Chlorophenol	7.657	128	69493	4.361	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.904	70	53108	3.295	ng/ul	95
19) Hexachloroethane	9.187	117	26428	3.835	ng/ul	92
22) Nitrobenzene	9.310	77	69679	3.436	ng/ul	98
23) Isophorone	9.840	82	153117	3.747	ng/ul	99
25) 2-Nitrophenol	10.028	139	35826	4.323	ng/ul	99
26) 2,4-Dimethylphenol	10.081	107	72654	3.992	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.316	93	94957	4.050	ng/ul	95
29) 2,4-Dichlorophenol	10.557	162	63400	4.621	ng/ul	96
30) Naphthalene	10.969	128	233611	4.504	ng/ul	99
33) Hexachlorobutadiene	11.251	225	41801	5.804	ng/ul	99
35) 4-Chloro-3-methylphenol	12.187	107	66012	3.764	ng/ul	97
36) 2-Methylnaphthalene	12.569	142	162993	4.524	ng/ul	99
37) 1-Methylnaphthalene	12.781	142	163781	4.518	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.928	216	82627	5.335	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	50519	4.530	ng/ul	97
42) 2,4,5-Trichlorophenol	13.233	196	53162	4.455	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	209451	4.373	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	163673	4.396	ng/ul	98
45) 2-Nitroaniline	13.810	65	41797	2.961	ng/ul	99
47) Dimethylphthalate	14.175	163	202430	4.262	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	38292	4.175	ng/ul#	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.445	152	265712	4.457	ng/ul	100
52) Acenaphthene	14.786	153	185473	4.350	ng/ul	98
56) Dibenzofuran	15.122	168	247636	4.450	ng/ul	98
57) 2,4-Dinitrotoluene	15.075	165	52492	3.901	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.339	232	44986	4.595	ng/ul#	95
59) Diethylphthalate	15.527	149	211309	4.122	ng/ul	99
61) Fluorene	15.763	166	214844	4.457	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.757	204	102492	4.874	ng/ul	96
67) N-Nitrosodiphenylamine	15.969	169	177791	4.261	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	64781	5.998	ng/ul	96
69) Hexachlorobenzene	16.763	284	74797	5.392	ng/ul	99
72) Phenanthrene	17.504	178	337455	4.290	ng/ul	99
74) Anthracene	17.592	178	339618	4.253	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.533	216	83703	5.211	ng/uL	99
76) Pentachlorobenzene	15.039	250	91343	5.346	ng/uL	99
78) Di-n-butylphthalate	18.416	149	389655	3.545	ng/ul	99
80) Fluoranthene	19.510	202	404889	4.618	ng/ul	97
82) Pyrene	19.868	202	420100	4.536	ng/ul	98
83) Butylbenzylphthalate	20.751	149	171319	3.971	ng/ul	96
85) Benzo(a)anthracene	21.615	228	406253	4.496	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	267849	4.109	ng/ul	98
87) Chrysene	21.668	228	373864	4.397	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	398163	4.238	ng/ul	98
91) Benzo(k)fluoranthene	23.403	252	402498	4.393	ng/ul	100
93) Benzo(a)pyrene	24.003	252	349470	4.280	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.709	276	398394	4.253	ng/ul	99
95) Dibenzo(a,h)anthracene	26.733	278	362471	4.310	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	353241	4.330	ng/ul	99

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

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