Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101521\
Data File : BN016973.D
Acq On : 15 Oct 2021 13:59
Operator : CG/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 16:01:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 15 15:46:00 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005222

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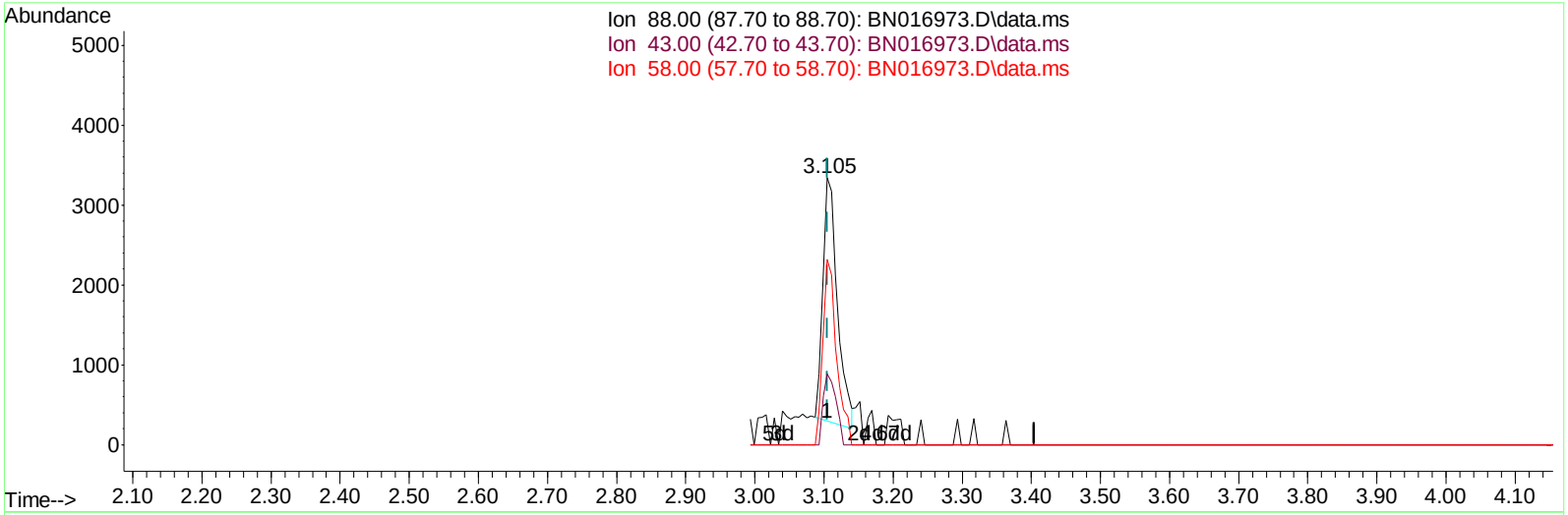

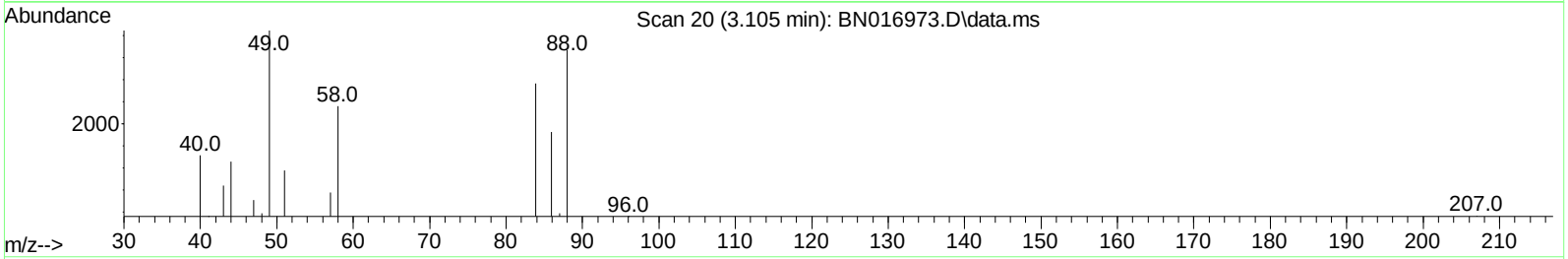

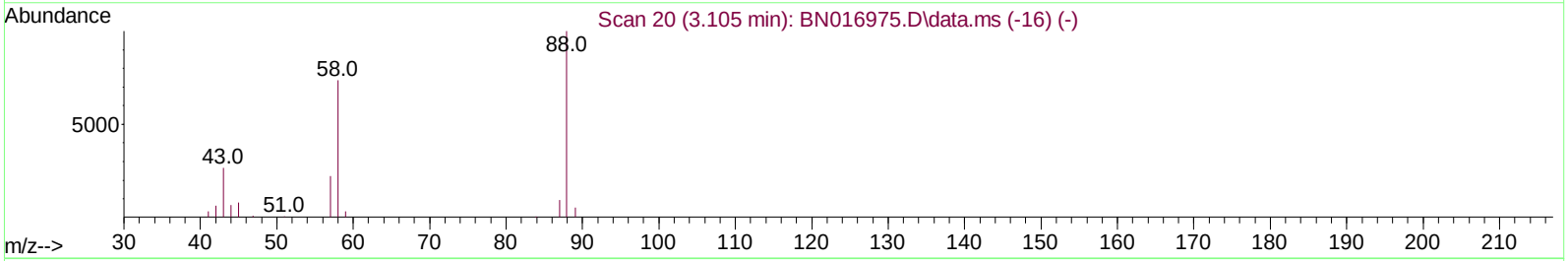

TIC: BN016973.D\data.ms

(2) 1,4-Dioxane

3.105min (-0.000) 1.78 ng/uL

response 4405

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.80	26.50
58.00	71.40	69.46
0.00	0.00	0.00

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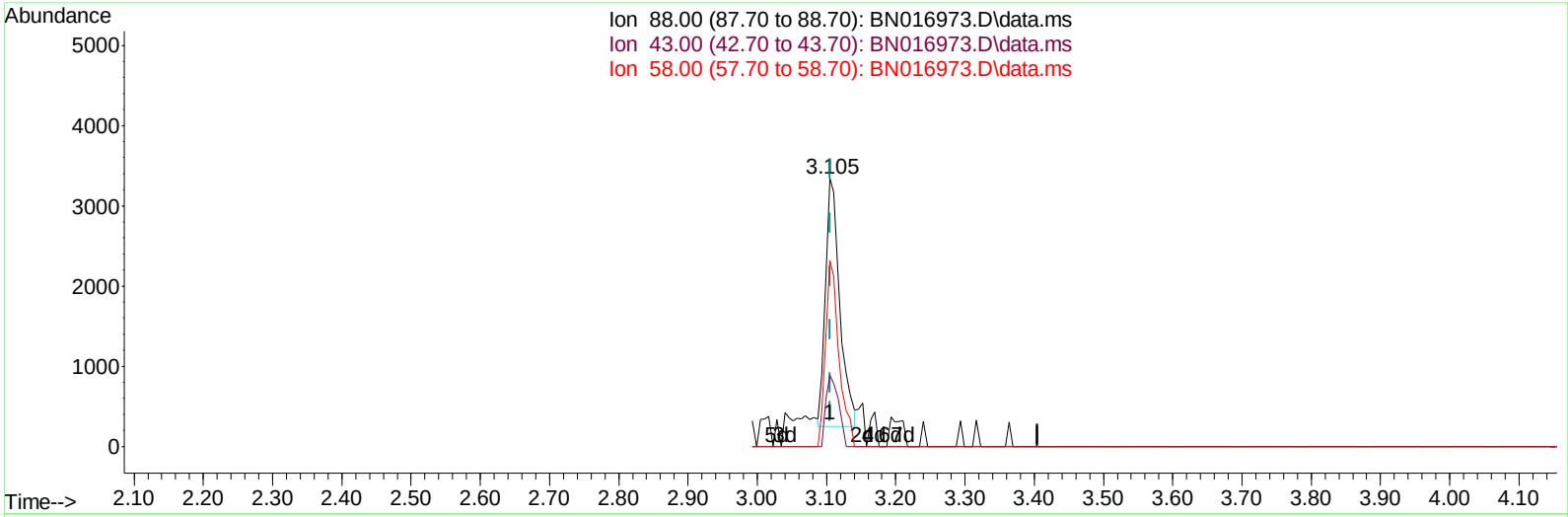

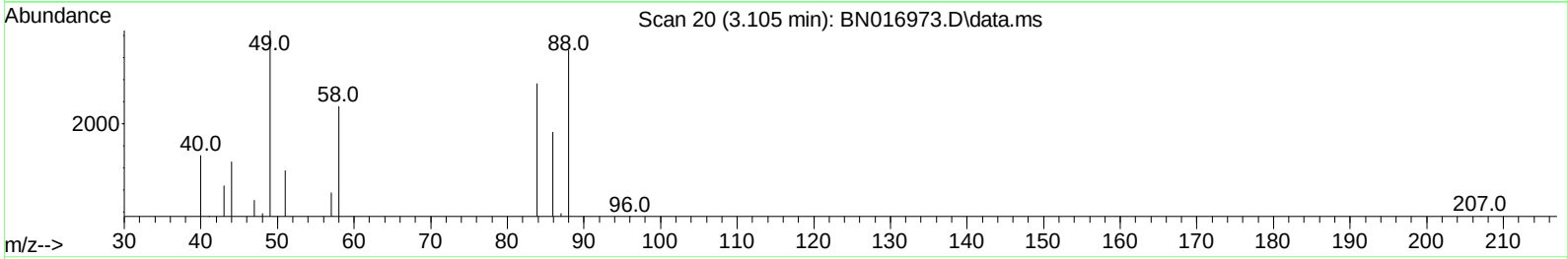

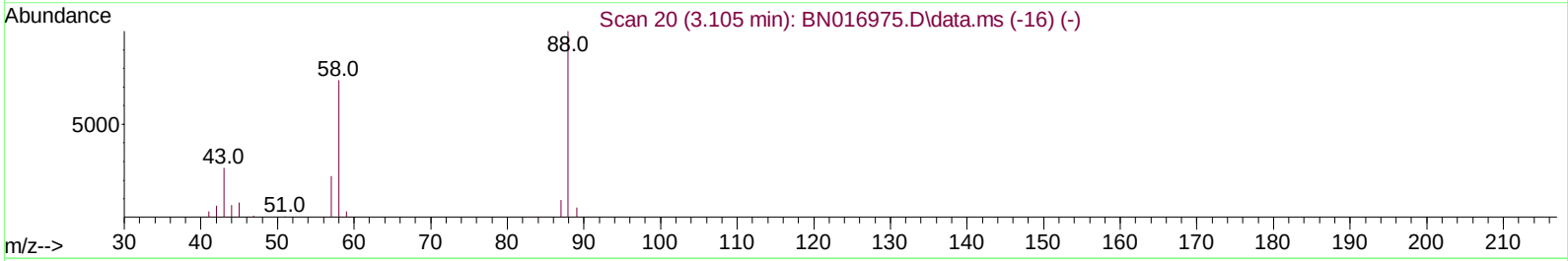

TIC: BN016973.D\data.ms

(2) 1,4-Dioxane

3.105min (-0.000) 1.82 ng/uL m

response 4504

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	25.80	26.50
58.00	71.40	69.46
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	7.546	152	98059	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	472799	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	332439	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	718606	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	821381	20.000	ng/ul	0.00
88) Perylene-d12	23.374	264	898616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	4245	1.832	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	7.075	132	28288	4.595	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.693	128	13396	4.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	13670	4.505	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.946	165	28580	4.555	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.622	166	103377	4.858	ng/ul	0.00
49) Acenaphthylene-d8	13.887	160	128899	4.696	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.198	176	92556	4.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.051	188	147320	4.882	ng/ul	0.00
81) Pyrene-d10	19.357	212	171135	4.416	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.233	264	203952	4.742	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	4504m	1.820	ng/uL	
12) 2-Chlorophenol	7.111	128	30194	4.777	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.352	70	23687	5.247	ng/ul	97
19) Hexachloroethane	8.605	117	12199	4.931	ng/ul	90
22) Nitrobenzene	8.734	77	33916	4.692	ng/ul	95
23) Isophorone	9.257	82	64860	4.748	ng/ul	100
25) 2-Nitrophenol	9.446	139	16530	4.759	ng/ul	99
26) 2,4-Dimethylphenol	9.516	107	35474	4.693	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.752	93	45522	4.980	ng/ul	99
29) 2,4-Dichlorophenol	9.975	162	30572	4.868	ng/ul	98
30) Naphthalene	10.369	128	114600	4.976	ng/ul	99
33) Hexachlorobutadiene	10.657	225	19782	4.998	ng/ul	96
35) 4-Chloro-3-methylphenol	11.628	107	31851	4.768	ng/ul	99
36) 2-Methylnaphthalene	11.993	142	78841	5.130	ng/ul	100
37) 1-Methylnaphthalene	12.216	142	82353	5.272	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.369	216	41624	4.655	ng/ul	99
41) 2,4,6-Trichlorophenol	12.616	196	23722	4.383	ng/ul	99
42) 2,4,5-Trichlorophenol	12.687	196	27160	4.551	ng/ul	99
43) 1,1'-Biphenyl	13.028	154	114560	4.893	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	85253	4.765	ng/ul	99
45) 2-Nitroaniline	13.275	65	16586	3.925	ng/ul	91
47) Dimethylphthalate	13.669	163	106451	4.923	ng/ul	100
48) 2,6-Dinitrotoluene	13.787	165	15678	4.079	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	13.916	152	138831	4.799	ng/ul	100
52) Acenaphthene	14.263	153	93729	4.948	ng/ul	99
56) Dibenzofuran	14.598	168	139047	5.166	ng/ul	96
57) 2,4-Dinitrotoluene	14.575	165	25515	4.618	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.834	232	22457	4.831	ng/ul	95
59) Diethylphthalate	15.045	149	103738	4.742	ng/ul	99
61) Fluorene	15.251	166	110481	5.146	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.257	204	54459	5.167	ng/ul	98
67) N-Nitrosodiphenylamine	15.475	169	91251	4.664	ng/ul	97
68) 4-Bromophenyl-phenylether	16.151	248	32894	4.950	ng/ul	95
69) Hexachlorobenzene	16.257	284	42085	5.505	ng/ul	99
72) Phenanthrene	16.992	178	184855	5.099	ng/ul	99
74) Anthracene	17.086	178	179680	4.916	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	44756	4.536	ng/uL	96
76) Pentachlorobenzene	14.516	250	48474	5.081	ng/uL	98
78) Di-n-butylphthalate	17.945	149	152156	4.148	ng/ul	99
80) Fluoranthene	19.022	202	206143	4.257	ng/ul	99
82) Pyrene	19.386	202	228546	4.529	ng/ul	98
83) Butylbenzylphthalate	20.316	149	62622	3.629	ng/ul	98
85) Benzo(a)anthracene	21.145	228	227788	4.720	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.104	149	106739	3.883	ng/ul#	98
87) Chrysene	21.198	228	232373	4.922	ng/ul	97
90) Benzo(b)fluoranthene	22.710	252	247329	4.720	ng/ul	99
91) Benzo(k)fluoranthene	22.751	252	241120	4.804	ng/ul	99
93) Benzo(a)pyrene	23.274	252	240496	4.728	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.604	276	292283	6.031	ng/ul	98
95) Dibenzo(a,h)anthracene	25.621	278	248590	4.982	ng/ul	99
96) Benzo(g,h,i)perylene	26.274	276	241783	4.989	ng/ul	98

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

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