

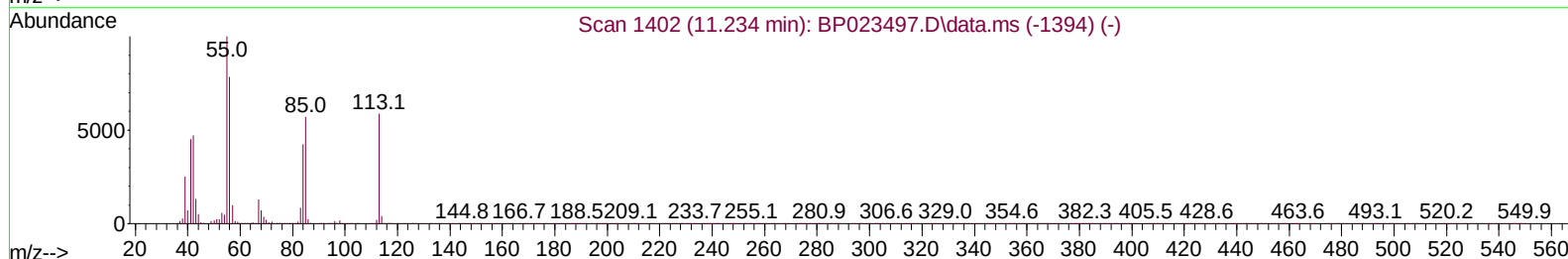
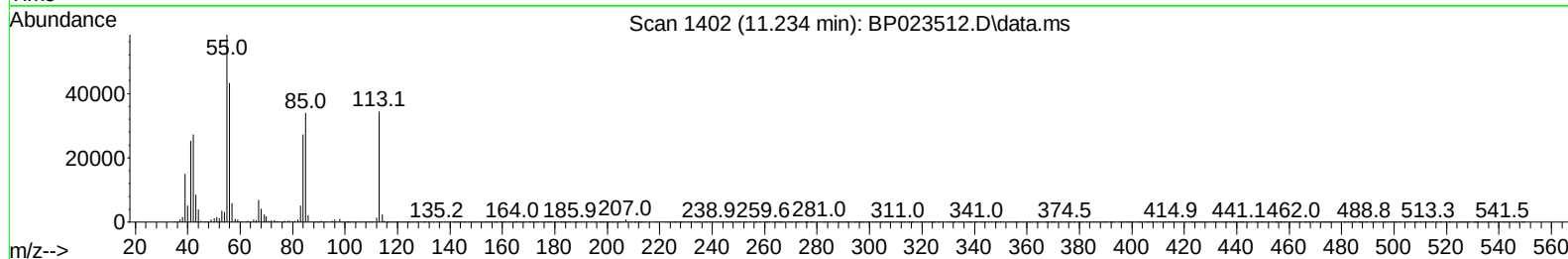
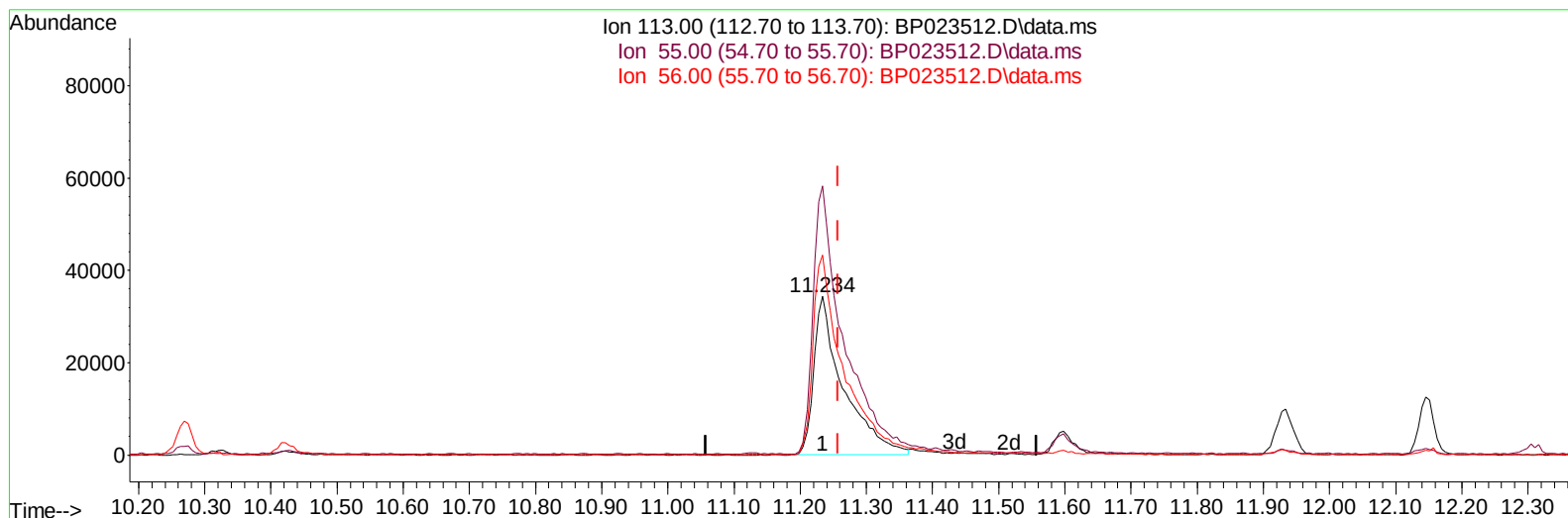
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023512.D
Acq On : 19 Dec 2024 01:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 19 05:25:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023512.D\data.ms

(34) Caprolactam

11.234min (-0.024) 20.83 ng/ul

response 107375

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	169.37
56.00	125.90	126.00
0.00	0.00	0.00

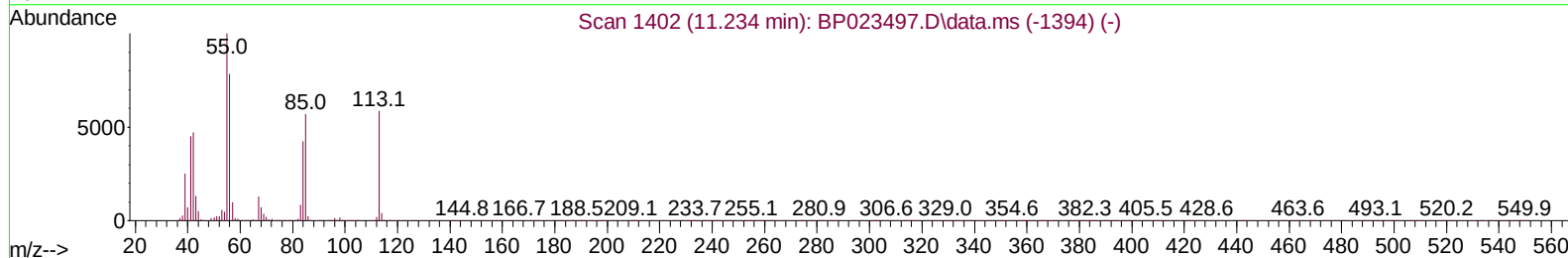
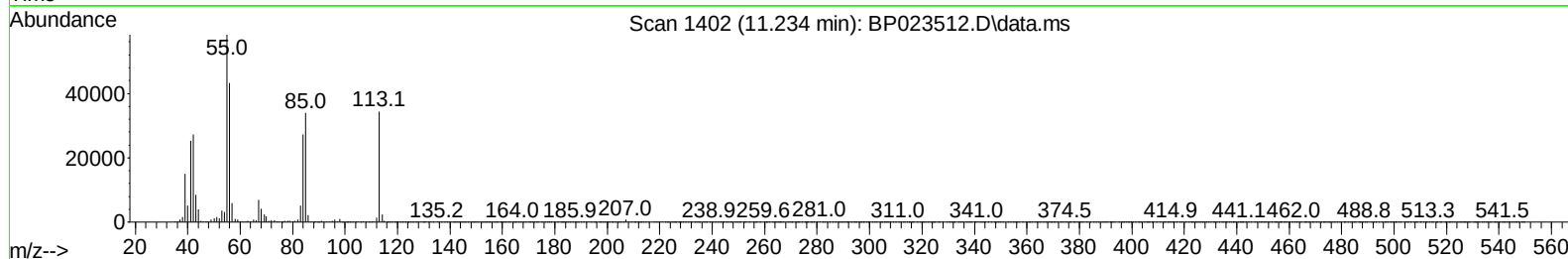
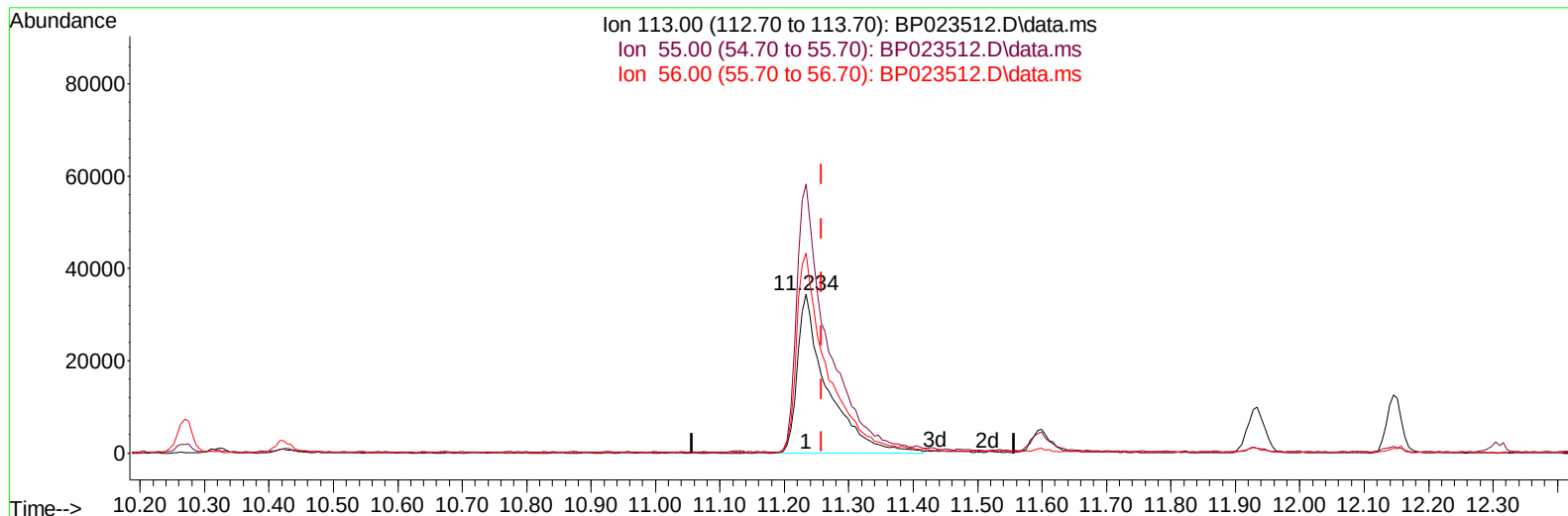
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(34) Caprolactam

11.234min (-0.024) 21.36 ng/ul m

response 110131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	169.37
56.00	125.90	126.00
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	7.528	152	252970	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.269	136	981489	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.140	164	696291	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1487406	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.374	240	1590519	20.000	ng/ul	#-0.01
88) Perylene-d12	24.545	264	1658237	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	46799	6.811	ng/uL	-0.01
4) Pyridine-d5	3.505	84	351596	19.899	ng/ul	-0.01
7) Phenol-d5	6.740	99	421954	21.259	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	274448	21.916	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	304470	20.784	ng/ul	-0.01
15) 4-Methylphenol-d8	8.240	113	320859	20.029	ng/ul	-0.02
21) Nitrobenzene-d5	8.669	128	145960	19.915	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	170727	20.212	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.928	165	340523	19.101	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	409097	20.484	ng/ul	-0.02
46) Dimethylphthalate-d6	13.551	166	999897	18.498	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1117580	19.602	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	111567	16.843	ng/ul	0.01
60) Fluorene-d10	15.151	176	835078	17.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	171004	19.023	ng/ul	0.00
73) Anthracene-d10	17.051	188	1351392	19.908	ng/ul	0.00
81) Pyrene-d10	19.433	212	1682108	20.243	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.333	264	1689687	19.035	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	53582	7.048	ng/uL	95
5) Pyridine	3.522	79	359477	19.917	ng/ul	94
6) Benzaldehyde	6.699	77	282045	24.856	ng/ul	99
8) Phenol	6.769	94	448542	21.707	ng/ul#	84
10) Bis(2-Chloroethyl)ether	6.969	93	357008	21.887	ng/ul	99
12) 2-Chlorophenol	7.105	128	312419	20.343	ng/ul	98
13) 2-Methylphenol	7.981	108	319636	20.858	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	450730	22.723	ng/ul	98
16) Acetophenone	8.340	105	534449	19.822	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.316	70	295056	20.083	ng/ul	93
18) 4-Methylphenol	8.310	108	345440	20.884	ng/ul	96
19) Hexachloroethane	8.569	117	143936	19.249	ng/ul	87
22) Nitrobenzene	8.710	77	431534	19.350	ng/ul	100
23) Isophorone	9.222	82	814977	20.632	ng/ul#	98
25) 2-Nitrophenol	9.410	139	180709	20.028	ng/ul#	84
26) 2,4-Dimethylphenol	9.481	107	385527	19.296	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.699	93	487210	21.831	ng/ul	97
29) 2,4-Dichlorophenol	9.952	162	334074	18.908	ng/ul	98
30) Naphthalene	10.322	128	981648	19.105	ng/ul	100
32) 4-Chloroaniline	10.446	127	399577	20.633	ng/ul	98
33) Hexachlorobutadiene	10.587	225	248406	15.849	ng/ul	95
34) Caprolactam	11.234	113	110131m	21.362	ng/ul	
35) 4-Chloro-3-methylphenol	11.593	107	373025	19.443	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.934	142	714520	18.753	ng/ul	96
37) 1-Methylnaphthalene	12.146	142	720978	18.569	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.310	216	452797	17.820	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	247437	20.268	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	292508	19.453	ng/ul	100
42) 2,4,5-Trichlorophenol	12.657	196	300834	18.725	ng/ul	96
43) 1,1'-Biphenyl	12.951	154	946006	19.175	ng/ul	97
44) 2-Chloronaphthalene	12.998	162	754701	18.912	ng/ul	95
45) 2-Nitroaniline	13.228	65	238461	20.625	ng/ul	94
47) Dimethylphthalate	13.598	163	983948	18.479	ng/ul	98
48) 2,6-Dinitrotoluene	13.734	165	203140	19.911	ng/ul	91
50) Acenaphthylene	13.863	152	1134719	19.543	ng/ul	99
51) 3-Nitroaniline	14.081	138	188952	22.098	ng/ul	99
52) Acenaphthene	14.204	153	802720	18.915	ng/ul	98
53) 2,4-Dinitrophenol	14.310	184	112401	17.085	ng/ul	90
55) 4-Nitrophenol	14.440	109	149197	16.719	ng/ul#	69
56) Dibenzofuran	14.545	168	1218977	18.914	ng/ul	96
57) 2,4-Dinitrotoluene	14.551	165	309052	18.798	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	256995	16.113	ng/ul	98
59) Diethylphthalate	14.981	149	963414	18.142	ng/ul	98
61) Fluorene	15.210	166	928636	17.696	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	488686	16.056	ng/ul	97
63) 4-Nitroaniline	15.263	138	172495	22.936	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.328	198	185695	19.473	ng/ul	95
67) N-Nitrosodiphenylamine	15.428	169	814343	21.439	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	321962	18.336	ng/ul	99
69) Hexachlorobenzene	16.245	284	363055	16.877	ng/ul	98
70) Atrazine	16.410	200	334188	20.220	ng/ul	99
71) Pentachlorophenol	16.616	266	210737	16.784	ng/ul	96
72) Phenanthrene	16.992	178	1571839	20.441	ng/ul	99
74) Anthracene	17.086	178	1565404	20.359	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.916	216	442320	20.630	ng/uL	100
76) Pentachlorobenzene	14.469	250	447260	18.926	ng/uL	99
77) Carbazole	17.381	167	1418522	22.645	ng/ul	99
78) Di-n-butylphthalate	17.951	149	1718282	22.324	ng/ul	98
80) Fluoranthene	19.092	202	1977591	20.769	ng/ul#	92
82) Pyrene	19.475	202	2118344	20.965	ng/ul#	92
83) Butylbenzylphthalate	20.422	149	806877	23.057	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.286	252	716413	19.630	ng/ul#	99
85) Benzo(a)anthracene	21.357	228	2058084	19.296	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1161987	23.122	ng/ul	100
87) Chrysene	21.422	228	1942947	19.009	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	1976807	24.409	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	2079057	19.955	ng/ul#	97
91) Benzo(k)fluoranthene	23.616	252	1937862	18.694	ng/ul#	98
93) Benzo(a)pyrene	24.398	252	1853859	19.625	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.121	276	2283026	18.807	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.180	278	1796185	18.489	ng/ul#	97
96) Benzo(g,h,i)perylene	29.251	276	1764651	18.986	ng/ul#	95

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

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