Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042847.D
Acq On : 17 Nov 2023 16:49
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020148

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 17:27:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	23733	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	99975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	66702	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	151499	20.000	ng/ul	-0.01
79) Chrysene-d12	21.415	240	180419	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	203092	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	7718	10.204	ng/uL	-0.01
4) Pyridine-d5	3.611	84	47730	25.369	ng/ul	0.00
7) Phenol-d5	6.987	99	55001	23.812	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	44002	27.111	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	42530	23.863	ng/ul	-0.01
15) 4-Methylphenol-d8	8.540	113	42368	23.296	ng/ul	-0.01
21) Nitrobenzene-d5	9.022	128	19381	22.111	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	21515	20.982	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	41969	22.012	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	50648	20.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	142863	22.630	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	153019	22.654	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.728	143	11074	15.527	ng/ul	-0.01
60) Fluorene-d10	15.469	176	118296	22.629	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	20358	17.740	ng/ul	-0.01
73) Anthracene-d10	17.327	188	185419	21.839	ng/ul	-0.01
81) Pyrene-d10	19.627	212	253461	21.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	271732	22.368	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	8113	10.072	ng/uL#	83
5) Pyridine	3.628	79	50820	24.841	ng/ul	89
6) Benzaldehyde	6.987	77	39795	30.029	ng/ul	95
8) Phenol	7.010	94	56301	24.505	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.263	93	48559	25.586	ng/ul	93
12) 2-Chlorophenol	7.375	128	42873	24.171	ng/ul#	86
13) 2-Methylphenol	8.275	108	39737	23.193	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	97043m	28.089	ng/ul	
16) Acetophenone	8.675	105	71951	23.528	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.640	70	46058	24.741	ng/ul	92
18) 4-Methylphenol	8.604	108	42627	22.884	ng/ul	99
19) Hexachloroethane	8.869	117	25066	25.355	ng/ul	83
22) Nitrobenzene	9.063	77	65766	24.825	ng/ul	93
23) Isophorone	9.569	82	122732	23.261	ng/ul	97
25) 2-Nitrophenol	9.763	139	23208	22.277	ng/ul#	86
26) 2,4-Dimethylphenol	9.804	107	51952	23.308	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.063	93	64562	24.214	ng/ul	96
29) 2,4-Dichlorophenol	10.287	162	40157	22.246	ng/ul	96
30) Naphthalene	10.681	128	142862	22.809	ng/ul	100
32) 4-Chloroaniline	10.834	127	48897	21.054	ng/ul	100
33) Hexachlorobutadiene	10.904	225	37322	23.406	ng/ul	96
34) Caprolactam	11.651	113	10531m	19.676	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	41505	21.458	ng/ul	96
36) 2-Methylnaphthalene	12.292	142	94038	22.402	ng/ul	94

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Manual Integrations APPROVED

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Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	98177	22.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	60516	23.133	ng/ul	98
40) Hexachlorocyclopentadiene	12.586	237	23726	19.157	ng/ul	89
41) 2,4,6-Trichlorophenol	12.910	196	34781	21.767	ng/ul	97
42) 2,4,5-Trichlorophenol	12.986	196	33601	21.778	ng/ul	93
43) 1,1'-Biphenyl	13.310	154	126739	22.784	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	102177	22.833	ng/ul	99
45) 2-Nitroaniline	13.610	65	35919	24.612	ng/ul	88
47) Dimethylphthalate	13.945	163	140210	22.803	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	24890	21.547	ng/ul	94
50) Acenaphthylene	14.204	152	170753	22.561	ng/ul	100
51) 3-Nitroaniline	14.445	138	19784	20.944	ng/ul	96
52) Acenaphthene	14.539	153	116393	22.739	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	7699	13.404	ng/ul#	85
55) 4-Nitrophenol	14.745	109	23517m	20.953	ng/ul	
56) Dibenzofuran	14.880	168	159366	22.432	ng/ul	95
57) 2,4-Dinitrotoluene	14.886	165	38040	22.431	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	35054	21.887	ng/ul#	98
59) Diethylphthalate	15.292	149	147616	22.895	ng/ul	99
61) Fluorene	15.527	166	138991	23.043	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	75389	23.192	ng/ul	97
63) 4-Nitroaniline	15.616	138	19825	23.021	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.633	198	22147	18.957	ng/ul#	85
67) N-Nitrosodiphenylamine	15.745	169	108080	22.746	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	46025	22.823	ng/ul	89
69) Hexachlorobenzene	16.492	284	52705	21.379	ng/ul	97
70) Atrazine	16.698	200	41710	22.789	ng/ul	95
71) Pentachlorophenol	16.869	266	27174	19.142	ng/ul	90
72) Phenanthrene	17.274	178	216649	22.891	ng/ul	97
74) Anthracene	17.363	178	211091	22.174	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	61763	23.056	ng/uL	99
76) Pentachlorobenzene	14.769	250	64111	22.809	ng/uL	97
77) Carbazole	17.657	167	174485	22.197	ng/ul	100
78) Di-n-butylphthalate	18.174	149	261490	22.749	ng/ul	98
80) Fluoranthene	19.286	202	279949	20.782	ng/ul	98
82) Pyrene	19.657	202	296781	20.778	ng/ul	98
83) Butylbenzylphthalate	20.539	149	137796	22.587	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.345	252	88078	19.075	ng/ul	97
85) Benzo(a)anthracene	21.398	228	314274	22.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	194693	21.034	ng/ul	98
87) Chrysene	21.451	228	300332	21.865	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	336987	20.541	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	314084	22.661	ng/ul	97
91) Benzo(k)fluoranthene	23.092	252	330981	22.433	ng/ul	98
93) Benzo(a)pyrene	23.668	252	301456	22.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	389008	23.176	ng/ul	97
95) Dibenzo(a,h)anthracene	26.244	278	317216	22.796	ng/ul	99
96) Benzo(g,h,i)perylene	26.997	276	309589	23.228	ng/ul	99

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

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ClientSampleId :
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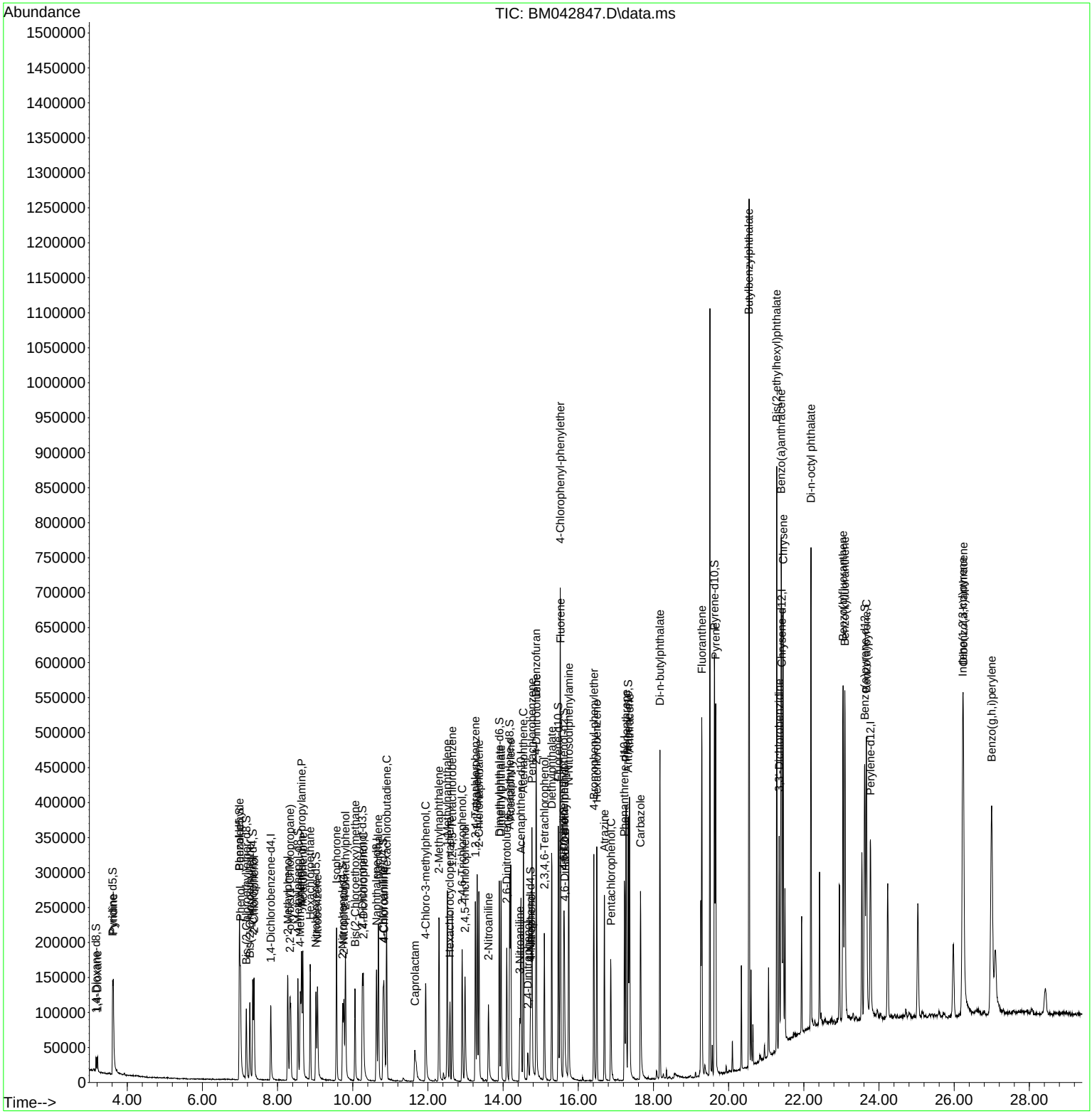
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



Quantitation Report (Qedit)

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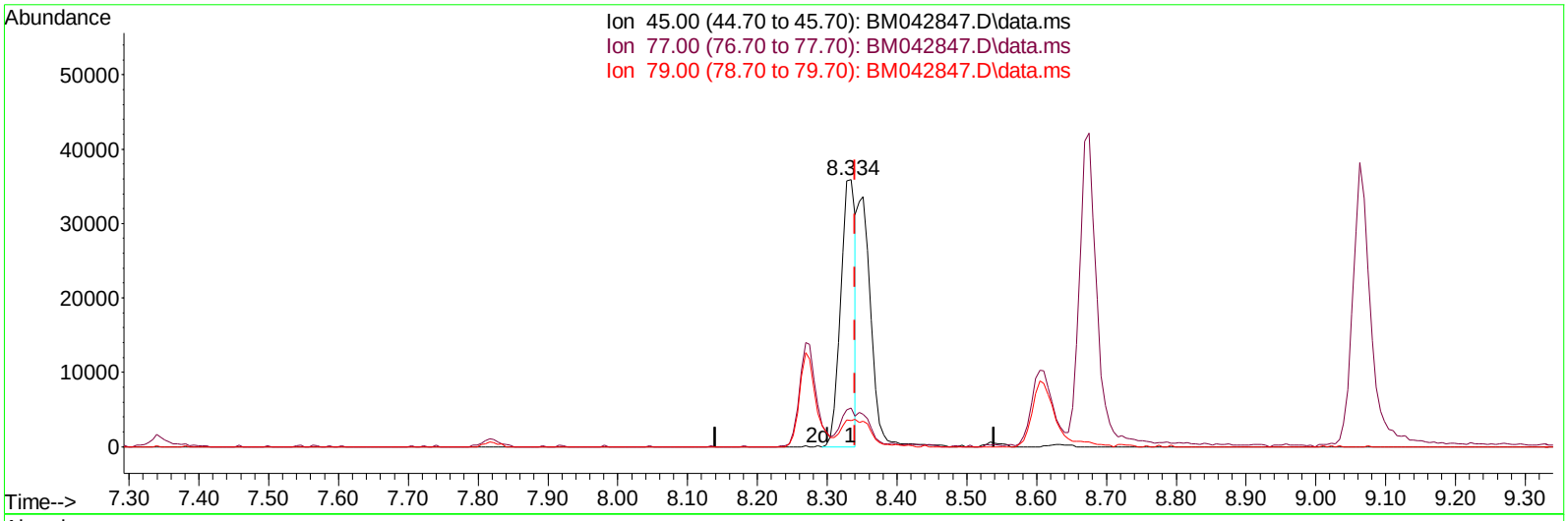

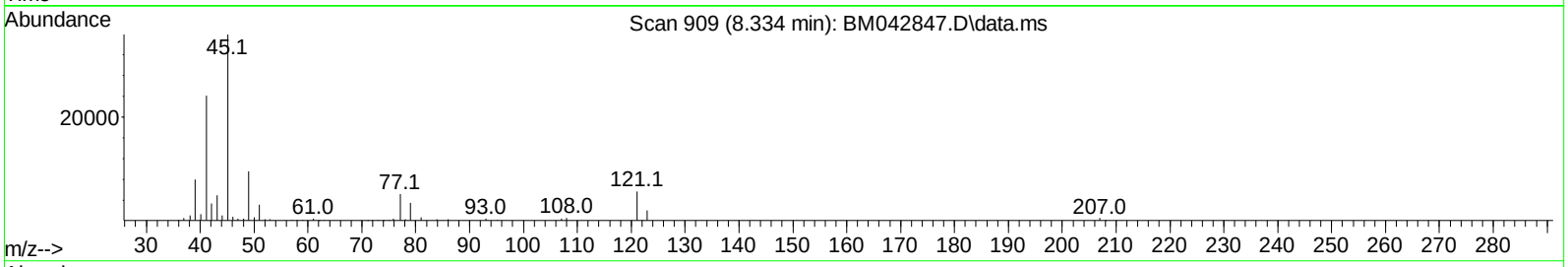

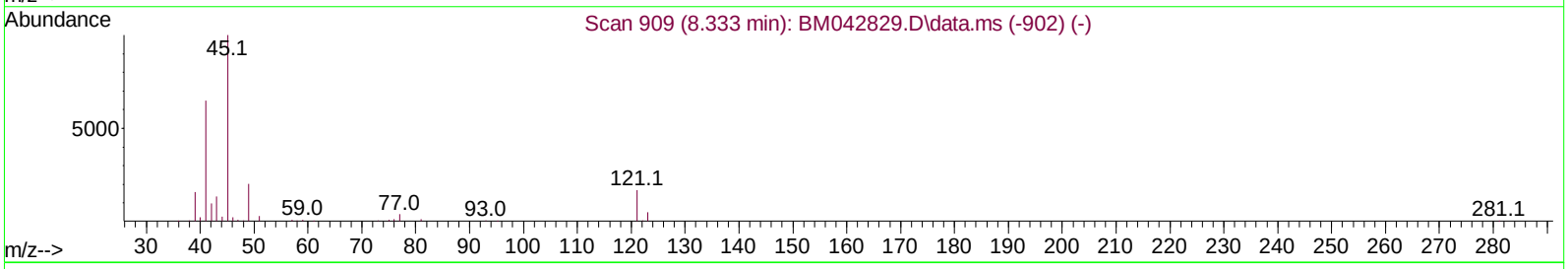

TIC: BM042847.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.334min (-0.006) 15.30 ng/ul

response 52853

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.54
79.00	10.20	9.85
0.00	0.00	0.00

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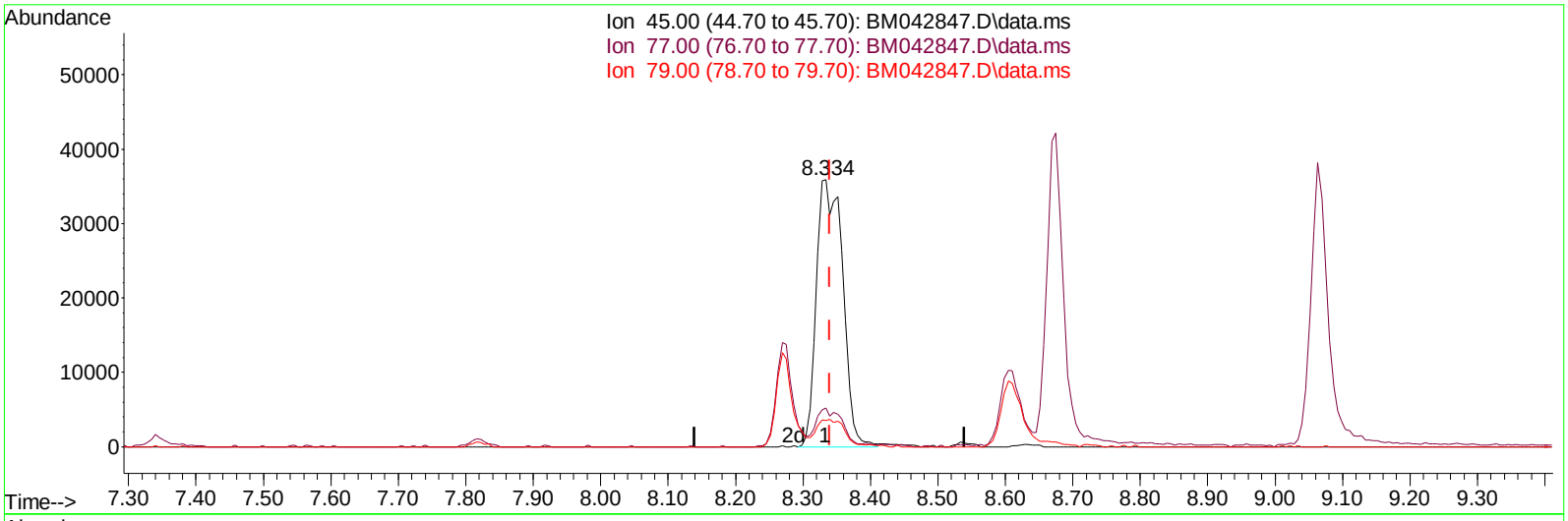

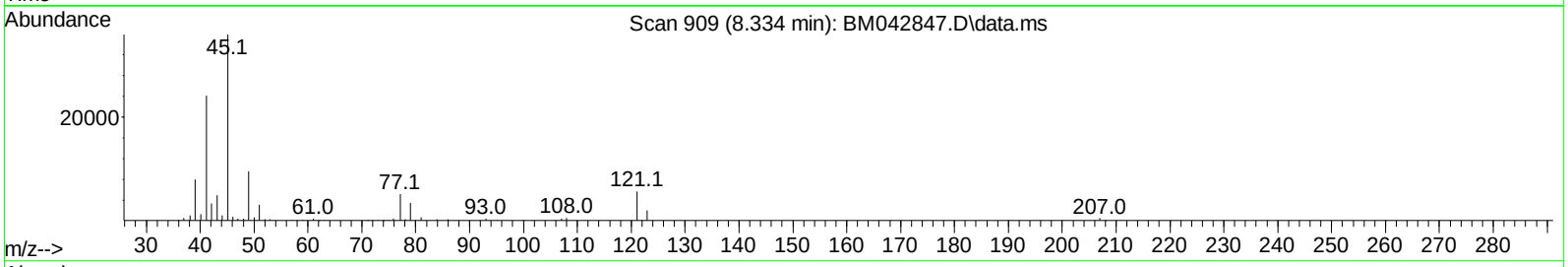

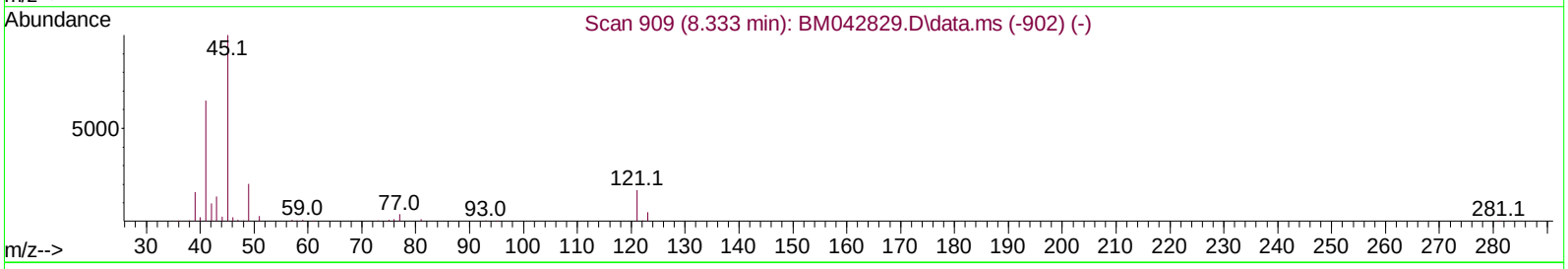

TIC: BM042847.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.334min (-0.006) 28.09 ng/ul m

response 97043

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.54
79.00	10.20	9.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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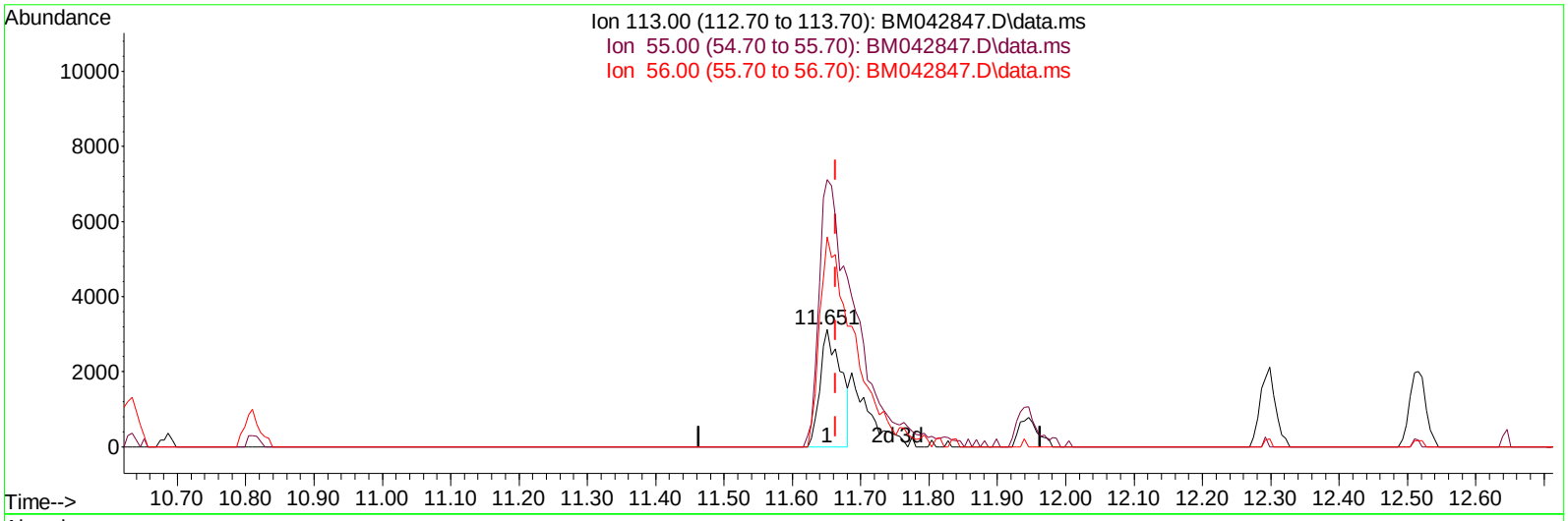

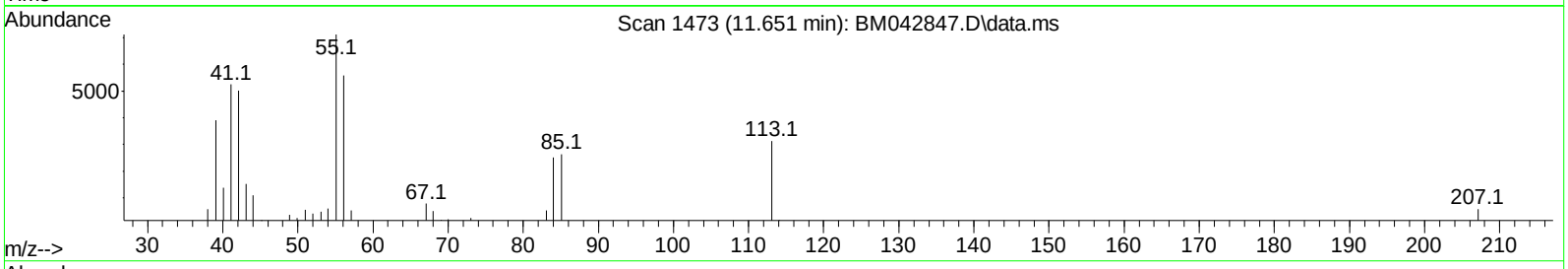

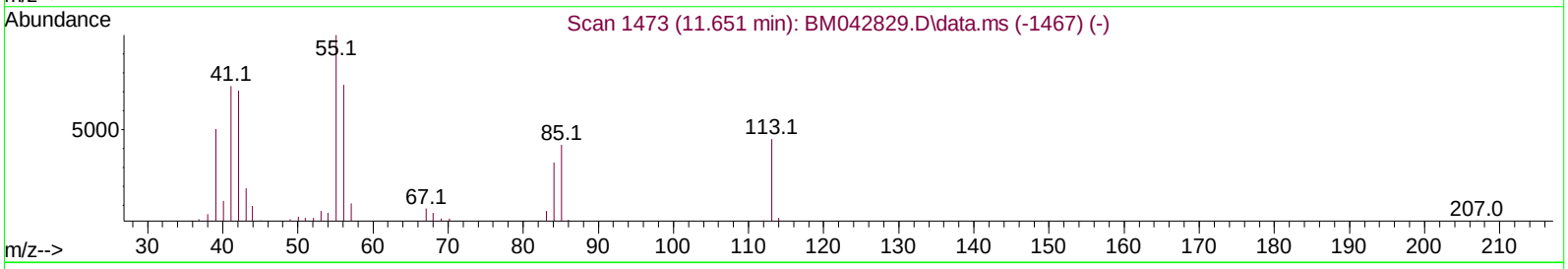

TIC: BM042847.D\data.ms

(34) Caprolactam

11.651min (-0.012) 12.43 ng/ul

response 6652

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	227.29
56.00	167.90	178.62
0.00	0.00	0.00

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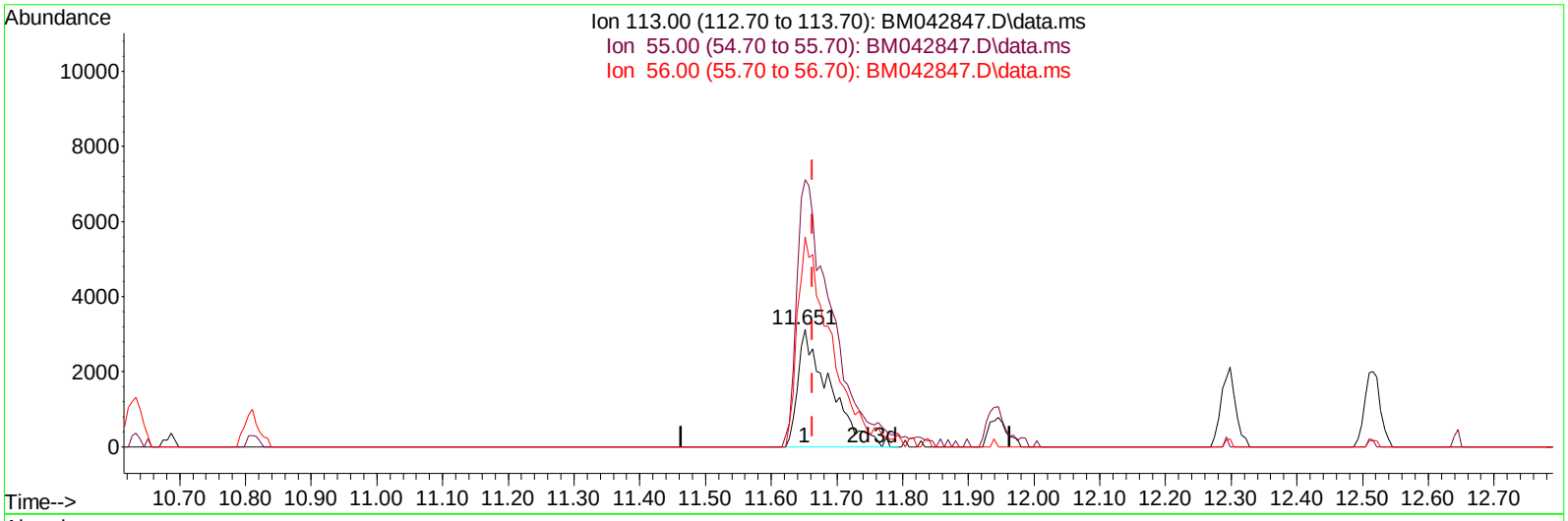

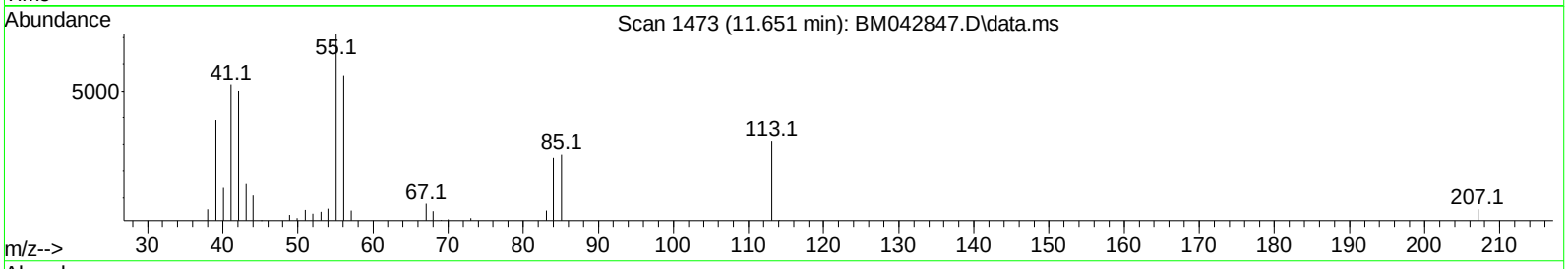

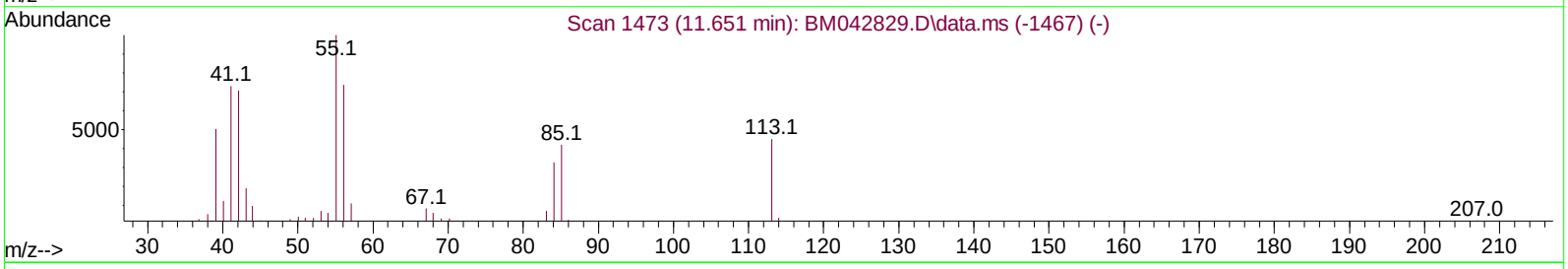

TIC: BM042847.D\data.ms

(34) Caprolactam

11.651min (-0.012) 19.68 ng/ul m

response 10531

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	227.29
56.00	167.90	178.62
0.00	0.00	0.00

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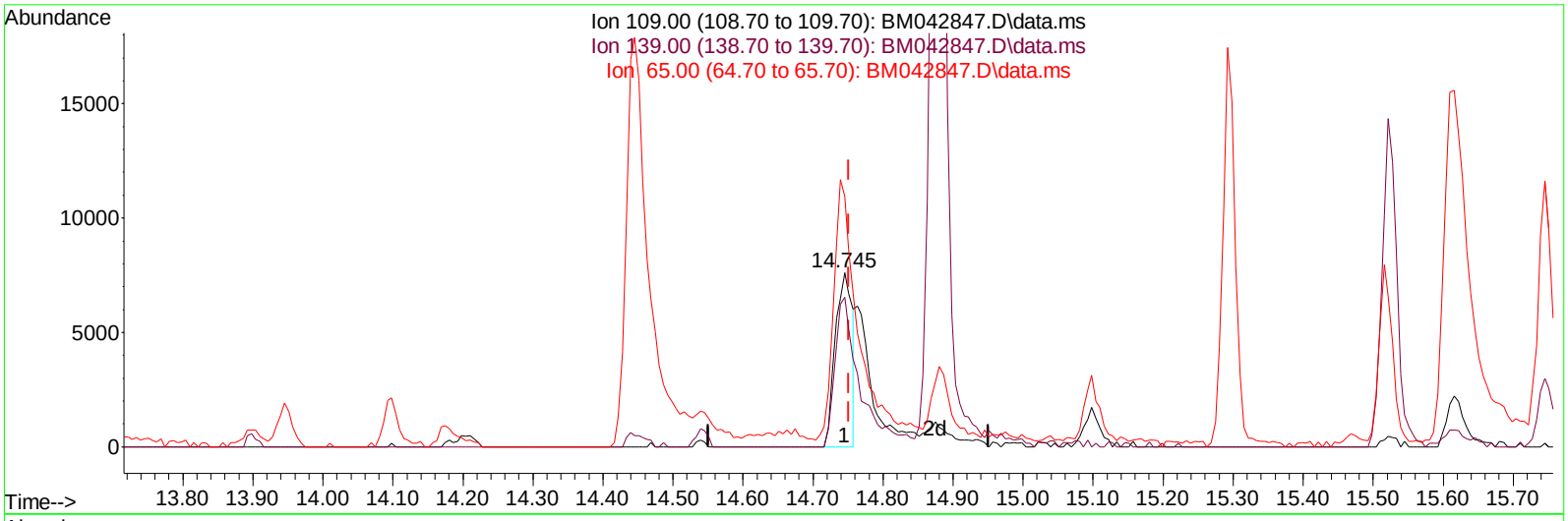

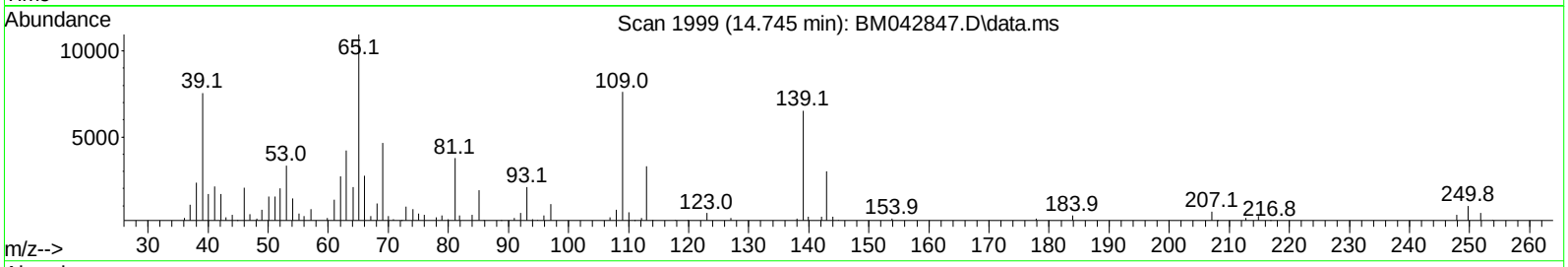

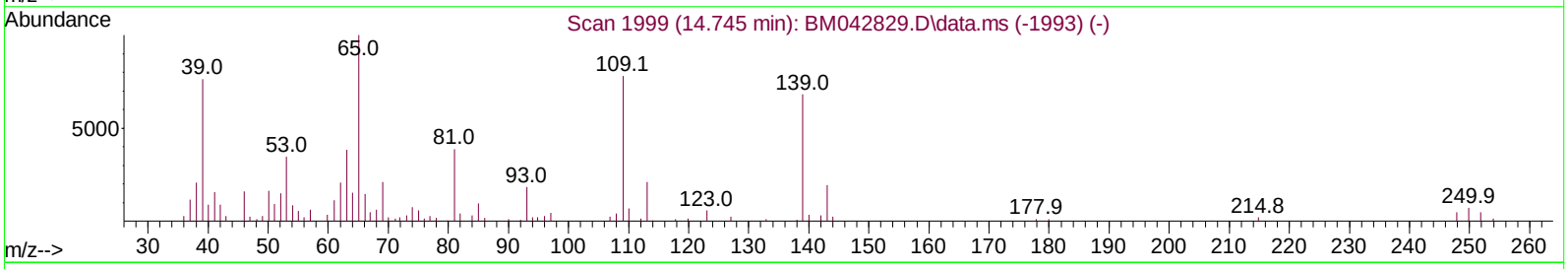

TIC: BM042847.D\data.ms

(55) 4-Nitrophenol

14.745min (-0.006) 11.49 ng/ul

response 12897

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	85.85
65.00	133.90	143.85
0.00	0.00	0.00

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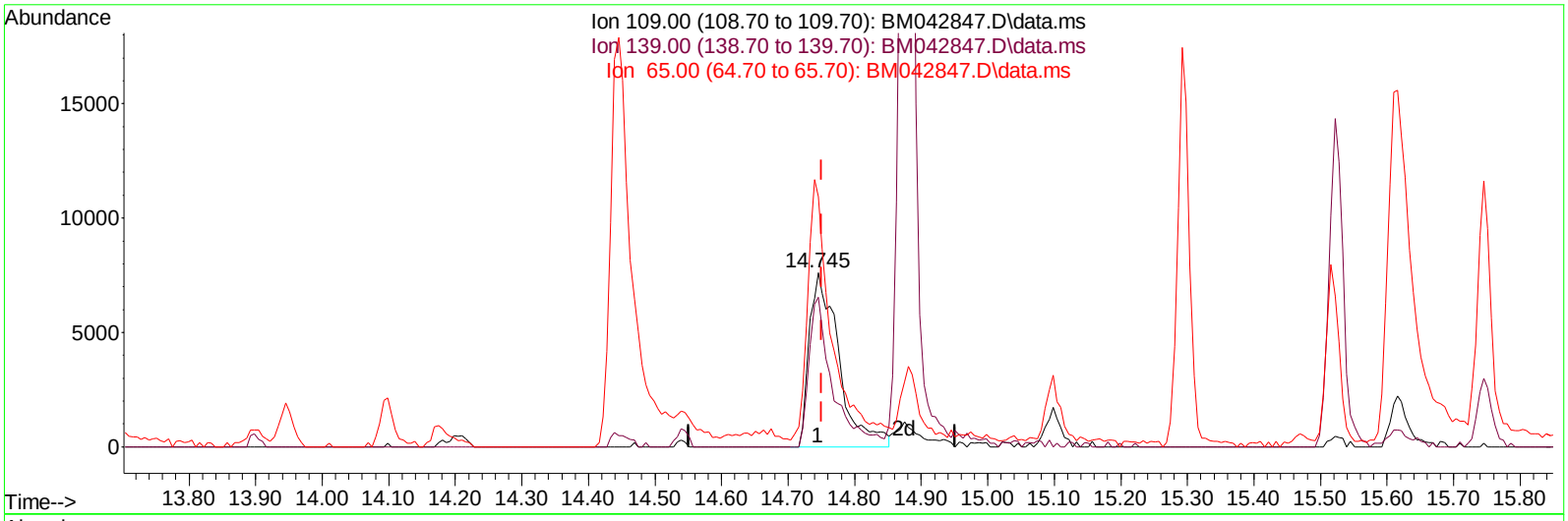
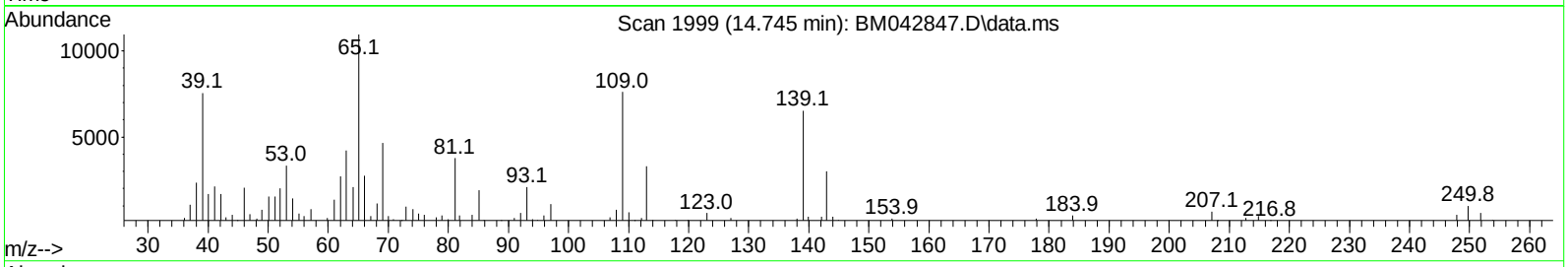
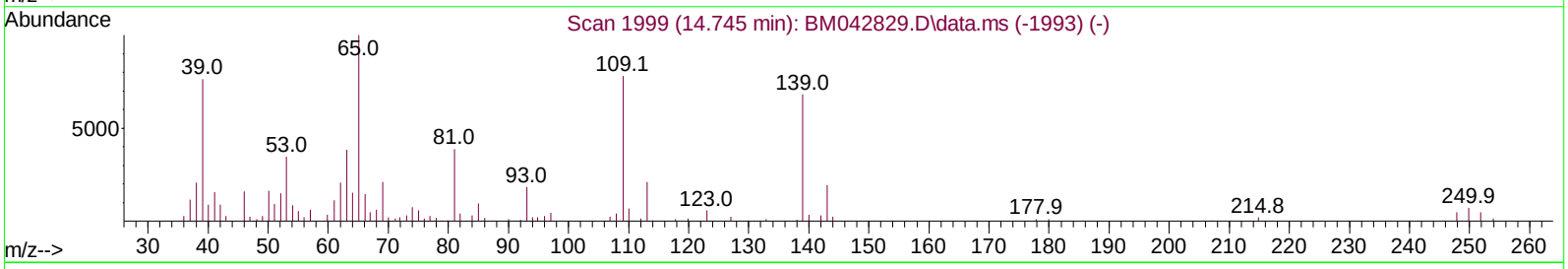
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042847.D\data.ms

(55) 4-Nitrophenol

14.745min (-0.006) 20.95 ng/ul m

response 23517

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	85.85
65.00	133.90	143.85
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042847.D
Acq On : 17 Nov 2023 16:49
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 88 Sample Multiplier: 1

Quant Time: Nov 17 17:27:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020148

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	23733	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	99975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	66702	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	151499	20.000	ng/ul	-0.01
79) Chrysene-d12	21.415	240	180419	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	203092	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	7718	10.204	ng/uL	-0.01
4) Pyridine-d5	3.611	84	47730	25.369	ng/ul	0.00
7) Phenol-d5	6.987	99	55001	23.812	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	44002	27.111	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	42530	23.863	ng/ul	-0.01
15) 4-Methylphenol-d8	8.540	113	42368	23.296	ng/ul	-0.01
21) Nitrobenzene-d5	9.022	128	19381	22.111	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	21515	20.982	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	41969	22.012	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	50648	20.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	142863	22.630	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	153019	22.654	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.728	143	11074	15.527	ng/ul	-0.01
60) Fluorene-d10	15.469	176	118296	22.629	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	20358	17.740	ng/ul	-0.01
73) Anthracene-d10	17.327	188	185419	21.839	ng/ul	-0.01
81) Pyrene-d10	19.627	212	253461	21.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	271732	22.368	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	8113	10.072	ng/uL#	83
5) Pyridine	3.628	79	50820	24.841	ng/ul	89
6) Benzaldehyde	6.987	77	39795	30.029	ng/ul	95
8) Phenol	7.010	94	56301	24.505	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.263	93	48559	25.586	ng/ul	93
12) 2-Chlorophenol	7.375	128	42873	24.171	ng/ul#	86
13) 2-Methylphenol	8.275	108	39737	23.193	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	97043m	28.089	ng/ul	
16) Acetophenone	8.675	105	71951	23.528	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.640	70	46058	24.741	ng/ul	92
18) 4-Methylphenol	8.604	108	42627	22.884	ng/ul	99
19) Hexachloroethane	8.869	117	25066	25.355	ng/ul	83
22) Nitrobenzene	9.063	77	65766	24.825	ng/ul	93
23) Isophorone	9.569	82	122732	23.261	ng/ul	97
25) 2-Nitrophenol	9.763	139	23208	22.277	ng/ul#	86
26) 2,4-Dimethylphenol	9.804	107	51952	23.308	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.063	93	64562	24.214	ng/ul	96
29) 2,4-Dichlorophenol	10.287	162	40157	22.246	ng/ul	96
30) Naphthalene	10.681	128	142862	22.809	ng/ul	100
32) 4-Chloroaniline	10.834	127	48897	21.054	ng/ul	100
33) Hexachlorobutadiene	10.904	225	37322	23.406	ng/ul	96
34) Caprolactam	11.651	113	10531m	19.676	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	41505	21.458	ng/ul	96

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042847.D
Acq On : 17 Nov 2023 16:49
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 88 Sample Multiplier: 1

Quant Time: Nov 17 17:27:20 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.292	142	94038	22.402	ng/ul	94
37) 1-Methylnaphthalene	12.516	142	98177	22.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	60516	23.133	ng/ul	98
40) Hexachlorocyclopentadiene	12.586	237	23726	19.157	ng/ul	89
41) 2,4,6-Trichlorophenol	12.910	196	34781	21.767	ng/ul	97
42) 2,4,5-Trichlorophenol	12.986	196	33601	21.778	ng/ul	93
43) 1,1'-Biphenyl	13.310	154	126739	22.784	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	102177	22.833	ng/ul	99
45) 2-Nitroaniline	13.610	65	35919	24.612	ng/ul	88
47) Dimethylphthalate	13.945	163	140210	22.803	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	24890	21.547	ng/ul	94
50) Acenaphthylene	14.204	152	170753	22.561	ng/ul	100
51) 3-Nitroaniline	14.445	138	19784	20.944	ng/ul	96
52) Acenaphthene	14.539	153	116393	22.739	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	7699	13.404	ng/ul#	85
55) 4-Nitrophenol	14.745	109	23517m	20.953	ng/ul	
56) Dibenzofuran	14.880	168	159366	22.432	ng/ul	95
57) 2,4-Dinitrotoluene	14.886	165	38040	22.431	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	35054	21.887	ng/ul#	98
59) Diethylphthalate	15.292	149	147616	22.895	ng/ul	99
61) Fluorene	15.527	166	138991	23.043	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	75389	23.192	ng/ul	97
63) 4-Nitroaniline	15.616	138	19825	23.021	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.633	198	22147	18.957	ng/ul#	85
67) N-Nitrosodiphenylamine	15.745	169	108080	22.746	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	46025	22.823	ng/ul	89
69) Hexachlorobenzene	16.492	284	52705	21.379	ng/ul	97
70) Atrazine	16.698	200	41710	22.789	ng/ul	95
71) Pentachlorophenol	16.869	266	27174	19.142	ng/ul	90
72) Phenanthrene	17.274	178	216649	22.891	ng/ul	97
74) Anthracene	17.363	178	211091	22.174	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	61763	23.056	ng/uL	99
76) Pentachlorobenzene	14.769	250	64111	22.809	ng/uL	97
77) Carbazole	17.657	167	174485	22.197	ng/ul	100
78) Di-n-butylphthalate	18.174	149	261490	22.749	ng/ul	98
80) Fluoranthene	19.286	202	279949	20.782	ng/ul	98
82) Pyrene	19.657	202	296781	20.778	ng/ul	98
83) Butylbenzylphthalate	20.539	149	137796	22.587	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.345	252	88078	19.075	ng/ul	97
85) Benzo(a)anthracene	21.398	228	314274	22.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	194693	21.034	ng/ul	98
87) Chrysene	21.451	228	300332	21.865	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	336987	20.541	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	314084	22.661	ng/ul	97
91) Benzo(k)fluoranthene	23.092	252	330981	22.433	ng/ul	98
93) Benzo(a)pyrene	23.668	252	301456	22.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.227	276	389008	23.176	ng/ul	97
95) Dibenzo(a,h)anthracene	26.244	278	317216	22.796	ng/ul	99
96) Benzo(g,h,i)perylene	26.997	276	309589	23.228	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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Instrument :
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