Quantitation Report (Qedit)

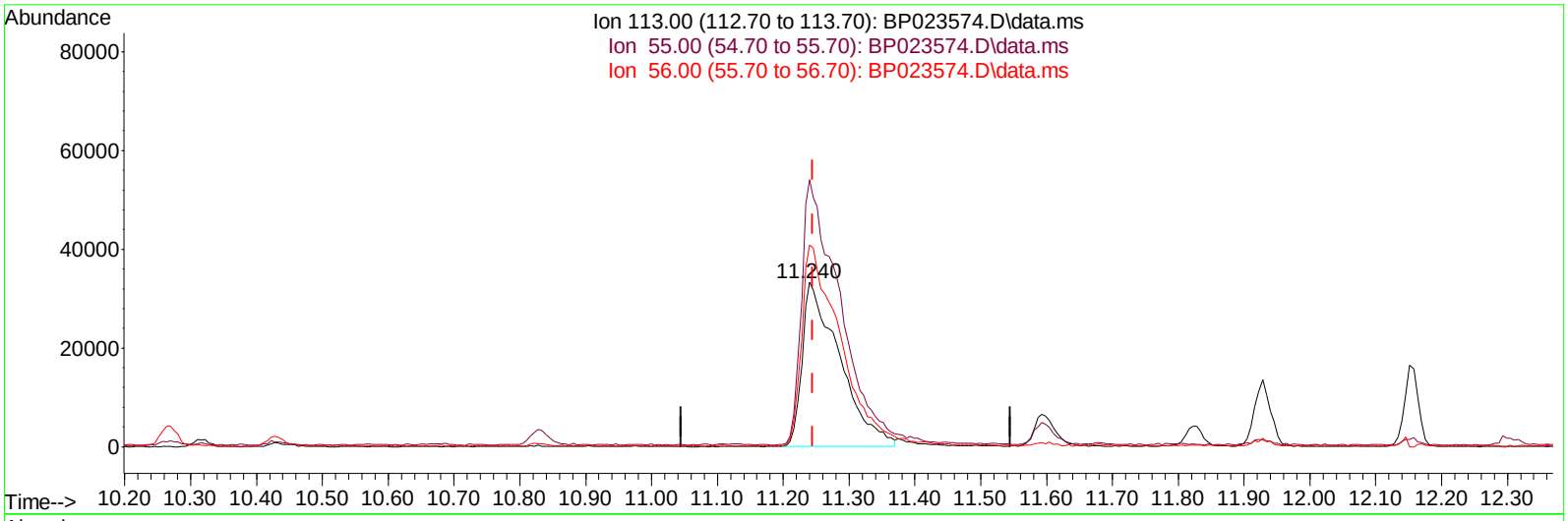
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

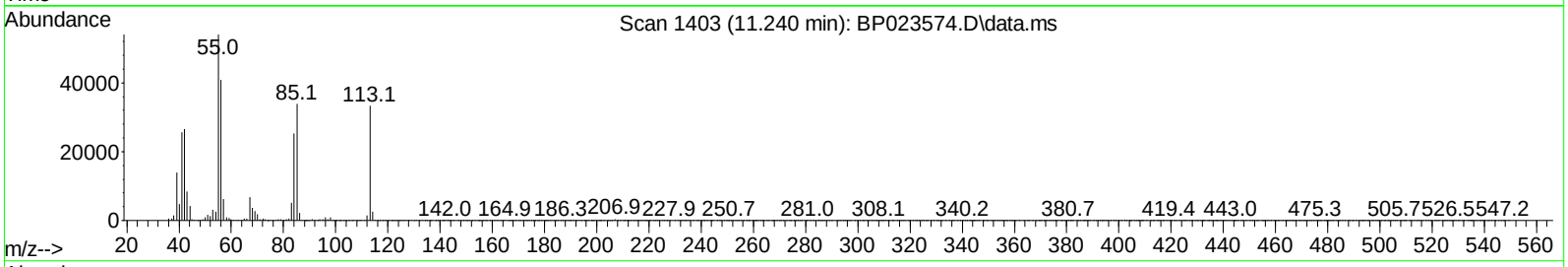
Quant Time: Dec 24 05:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

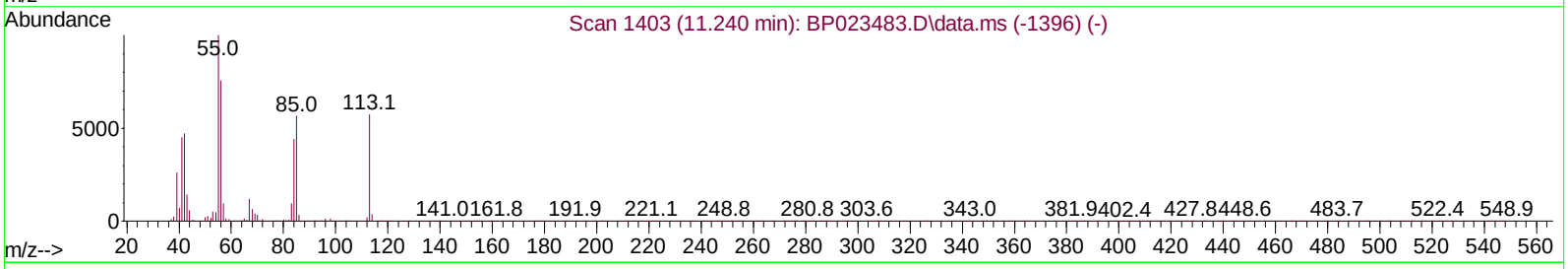
Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BP023574.D\data.ms

(34) Caprolactam

11.240min (-0.006) 40.03 ng/ul

response 130819

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	162.32
56.00	125.90	122.72
0.00	0.00	0.00

Quantitation Report (Qedit)

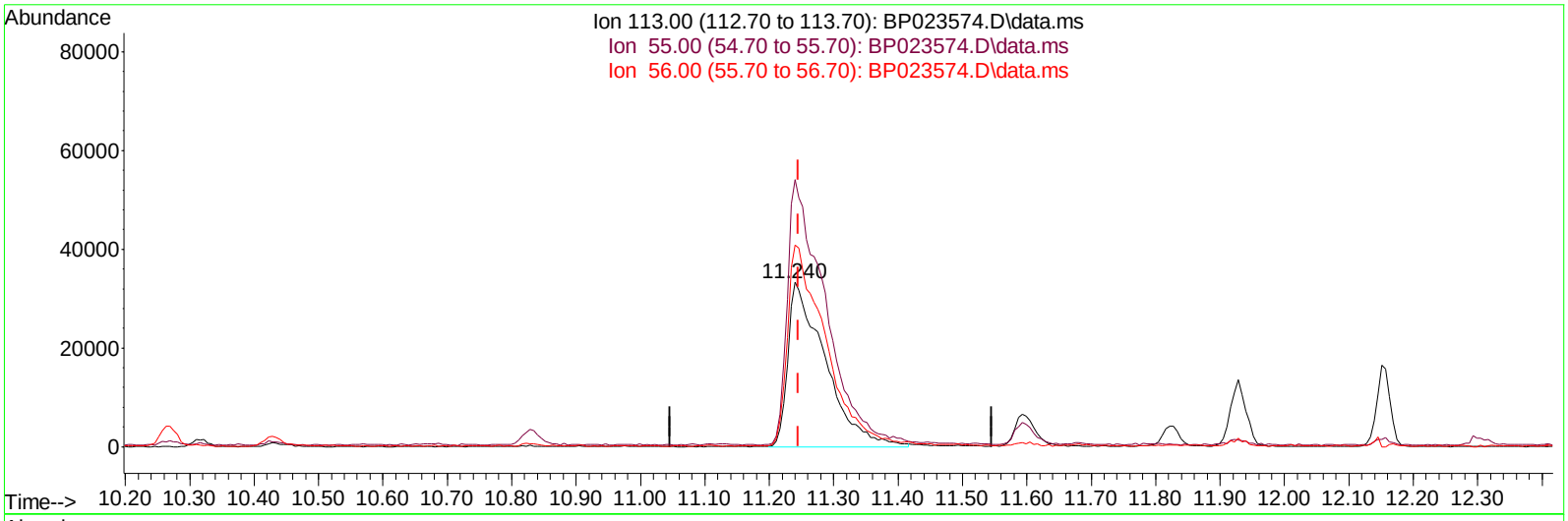
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

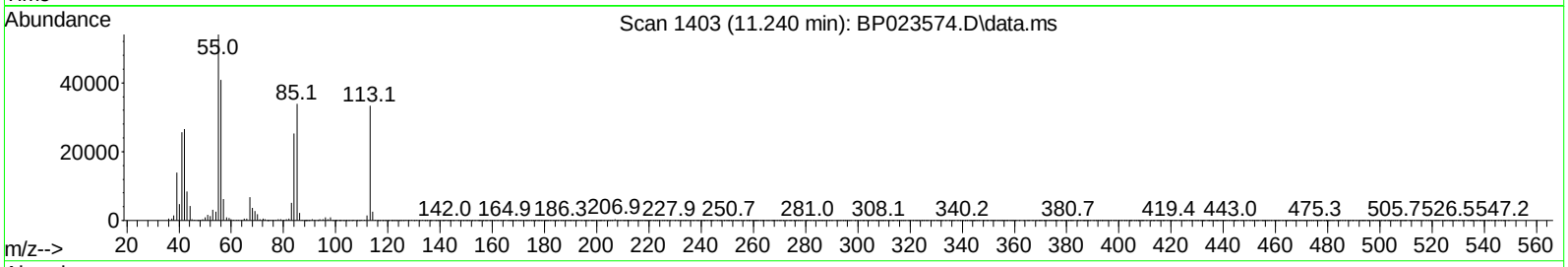
Quant Time: Dec 24 05:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

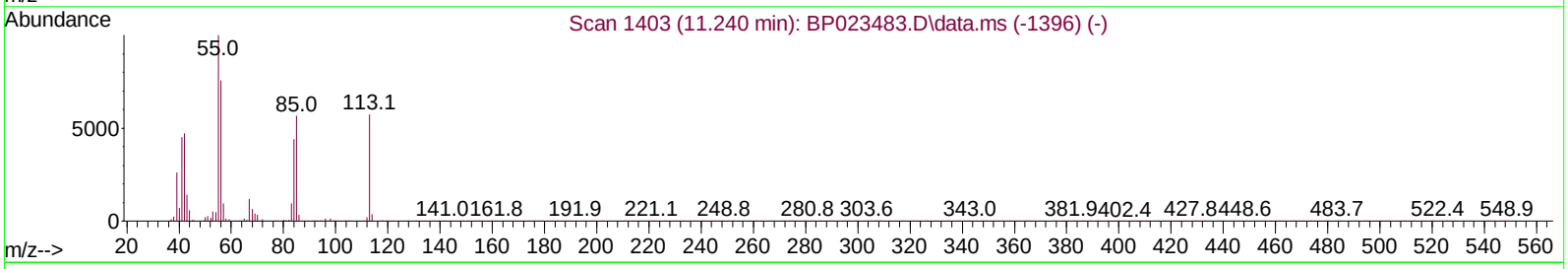
Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BP023574.D\data.ms

(34) Caprolactam

11.240min (-0.006) 41.08 ng/ul m

response 134265

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	162.32
56.00	125.90	122.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 24 05:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

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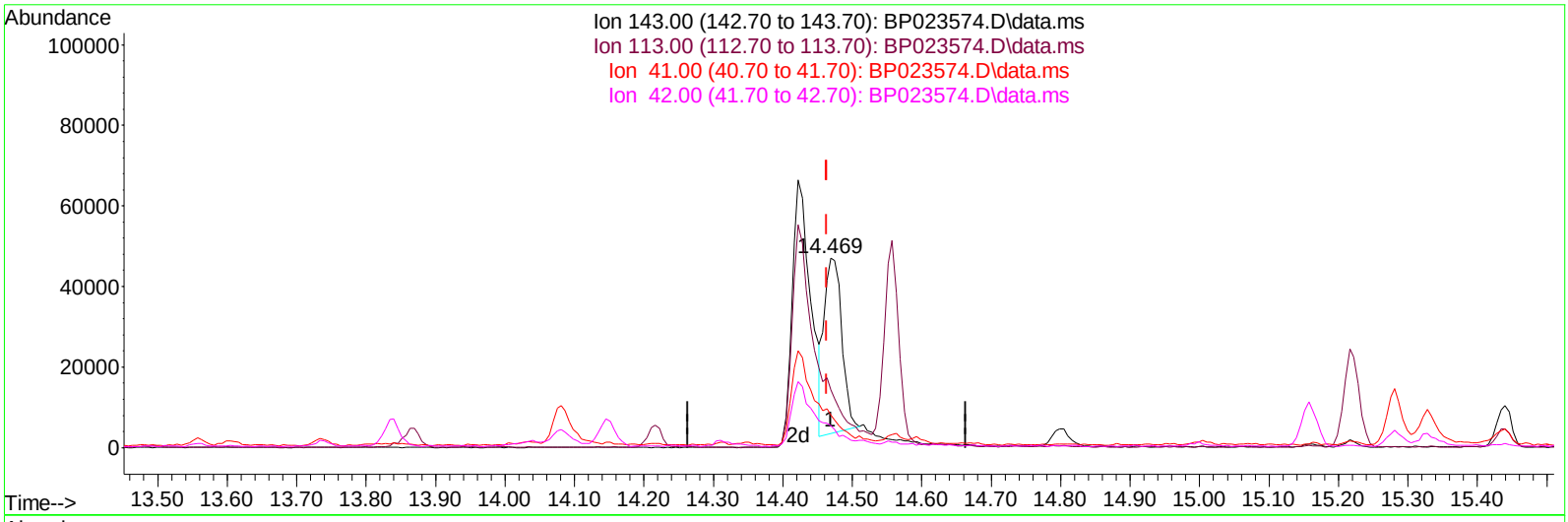
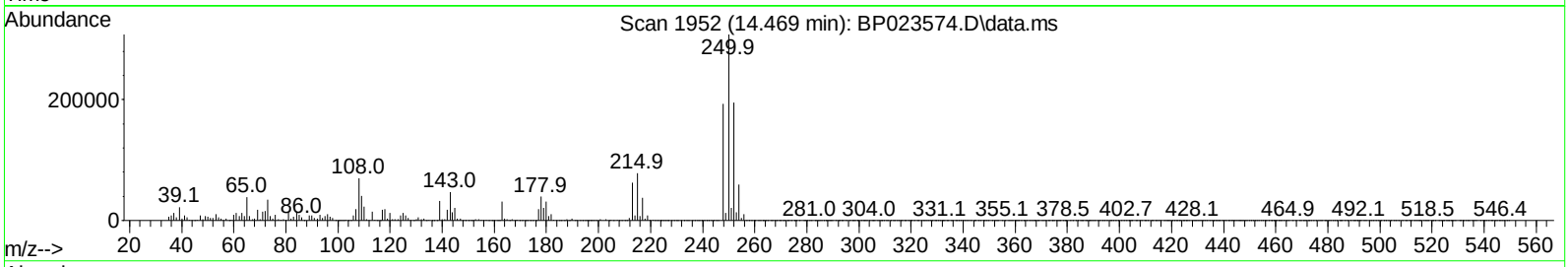
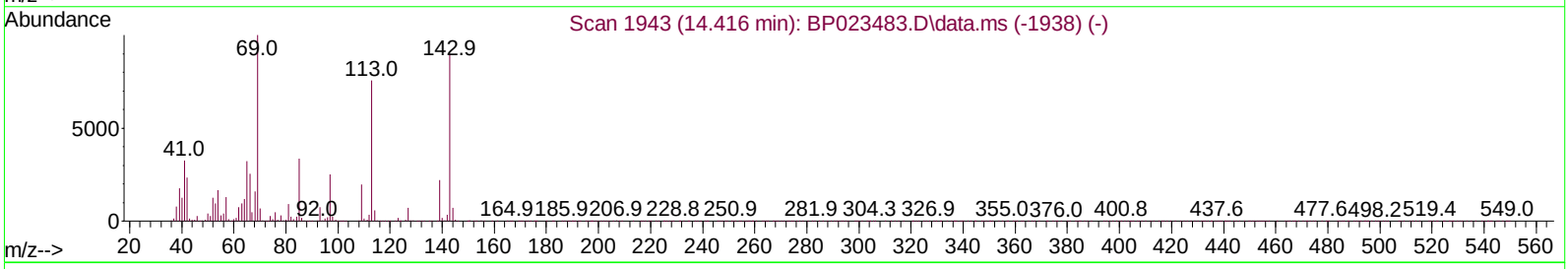






TIC: BP023574.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.469min (+ 0.006) 18.56 ng/ul

response 78045

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	30.34#
41.00	45.60	17.01#
42.00	31.70	11.48#

Quantitation Report (Qedit)

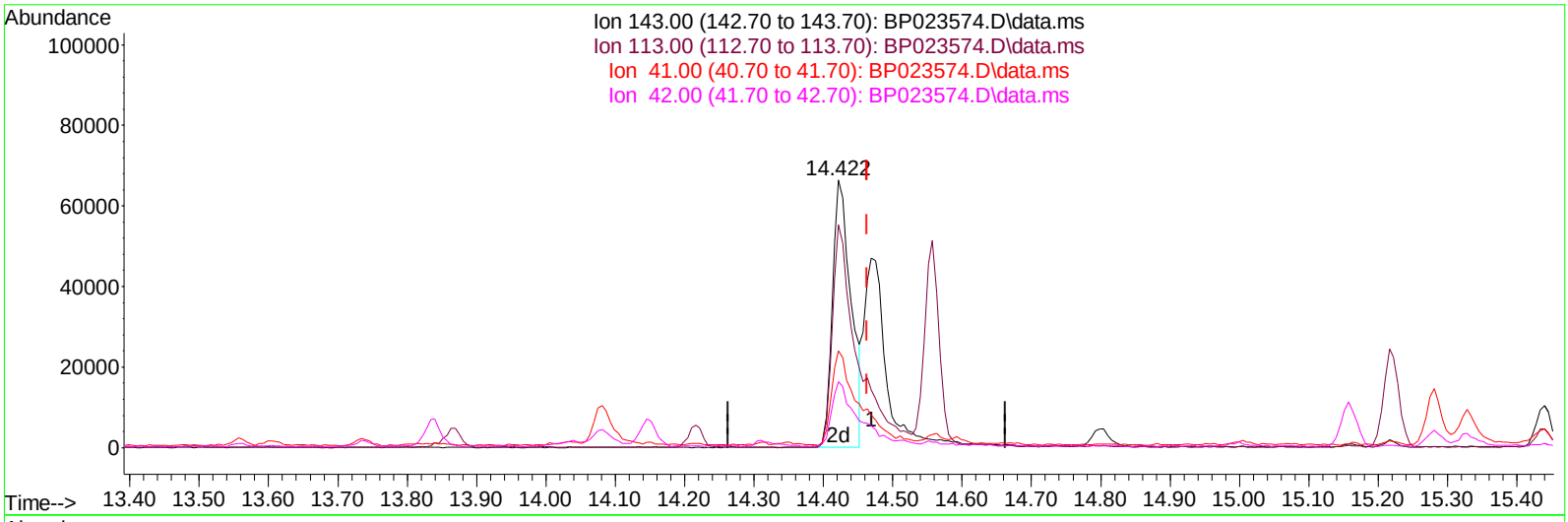
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

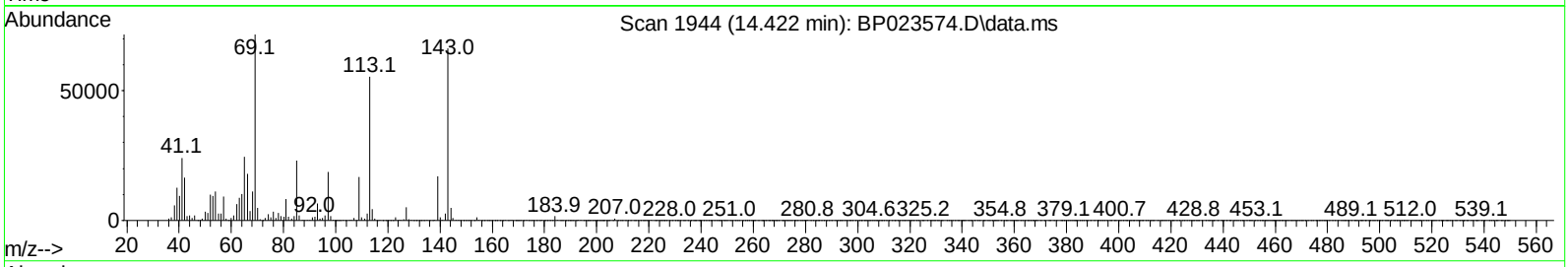
Quant Time: Dec 24 05:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

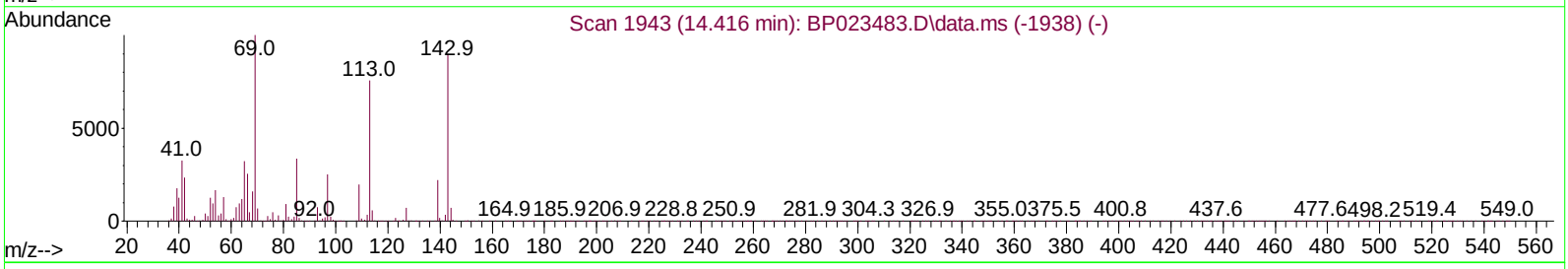
Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BP023574.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.422min (-0.041) 29.22 ng/ul m

response 122891

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	83.30#
41.00	45.60	36.29#
42.00	31.70	24.71#

Quantitation Report (Qedit)

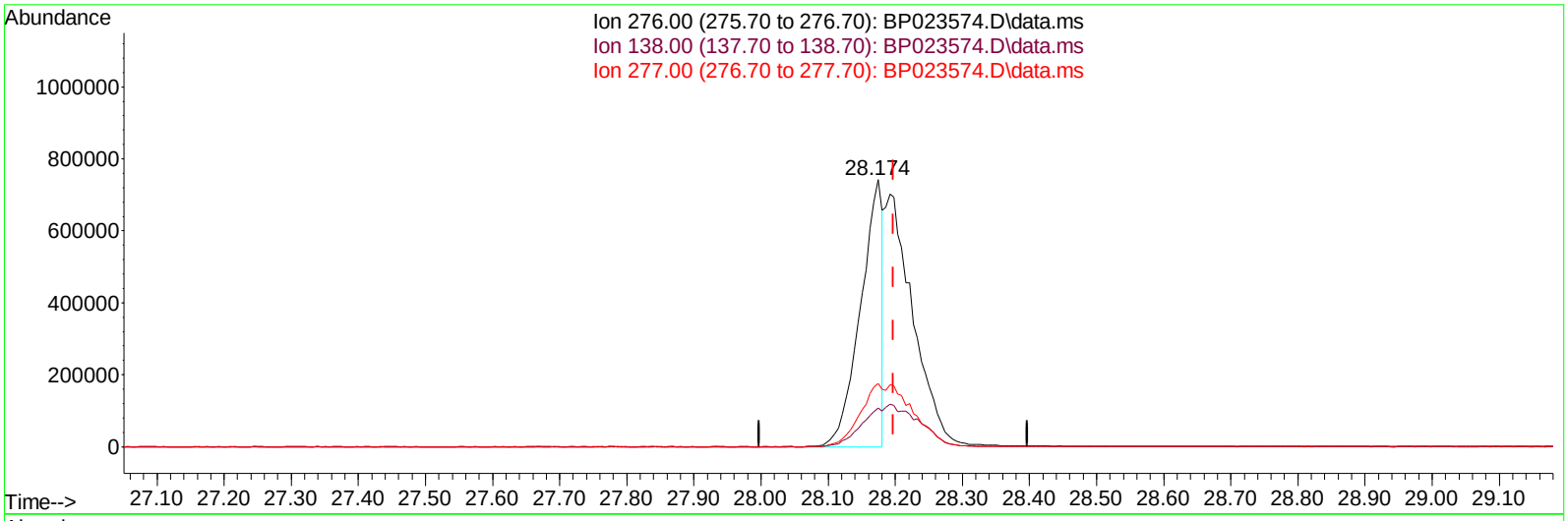
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

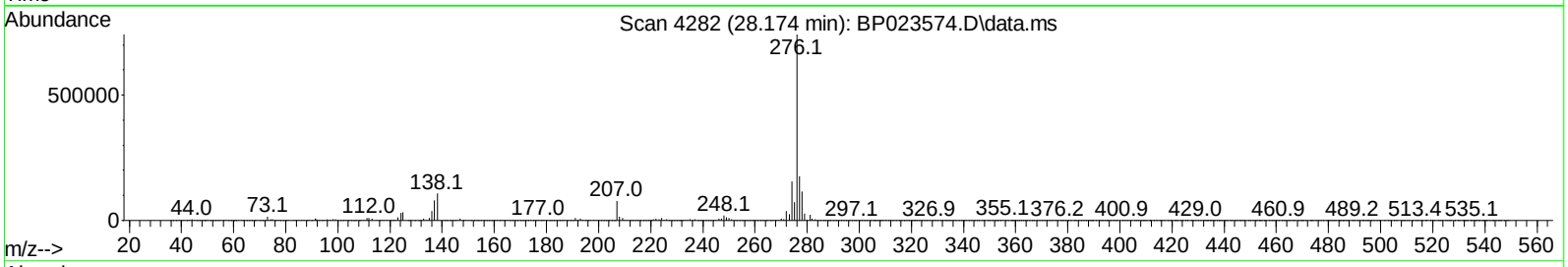
Quant Time: Dec 24 05:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

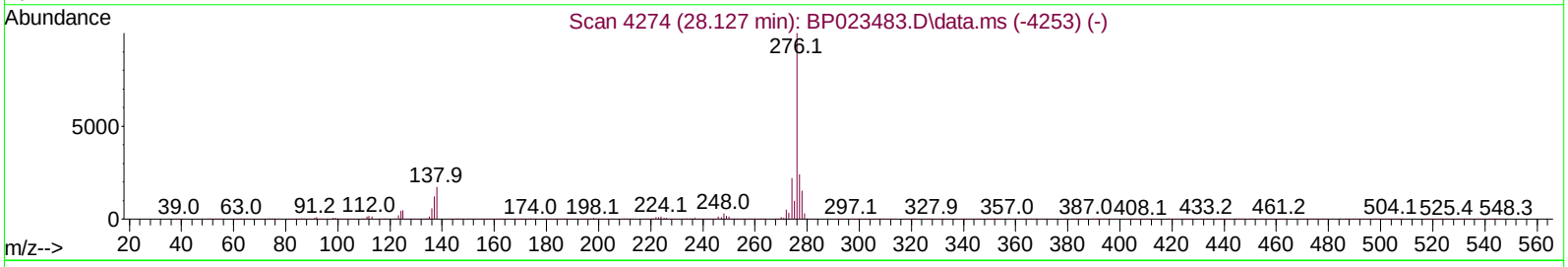
Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BP023574.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.174min (-0.023) 17.55 ng/ul

response 1682038

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	14.53#
277.00	24.80	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 24 05:08:50 2024
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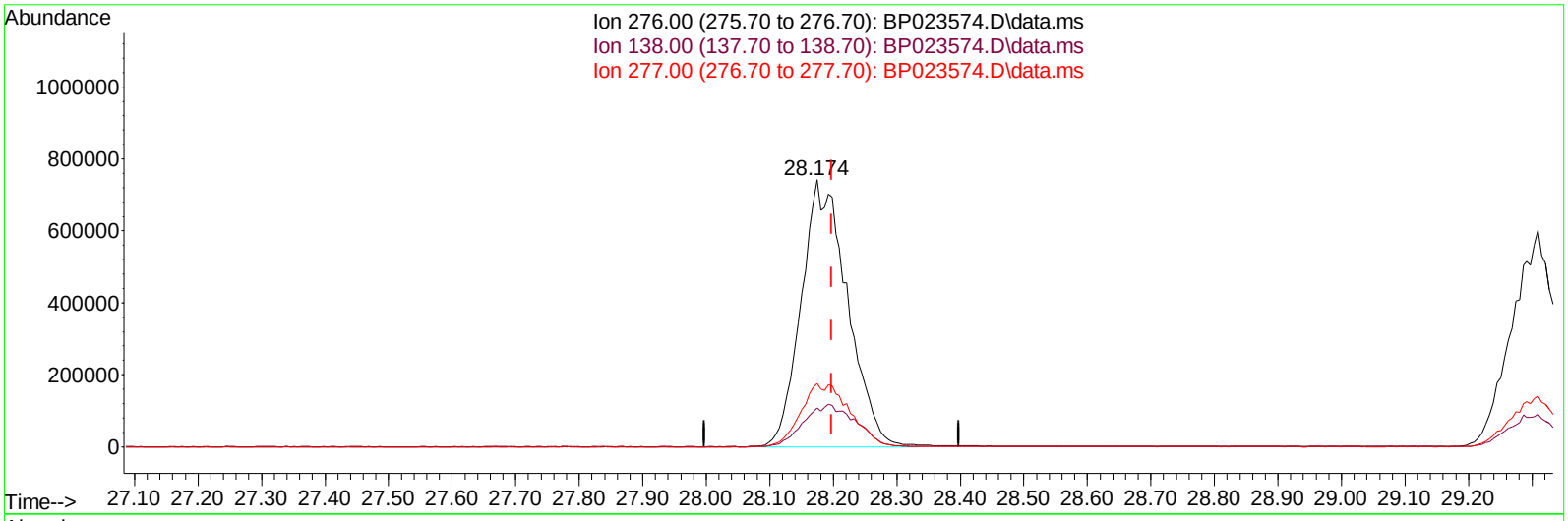
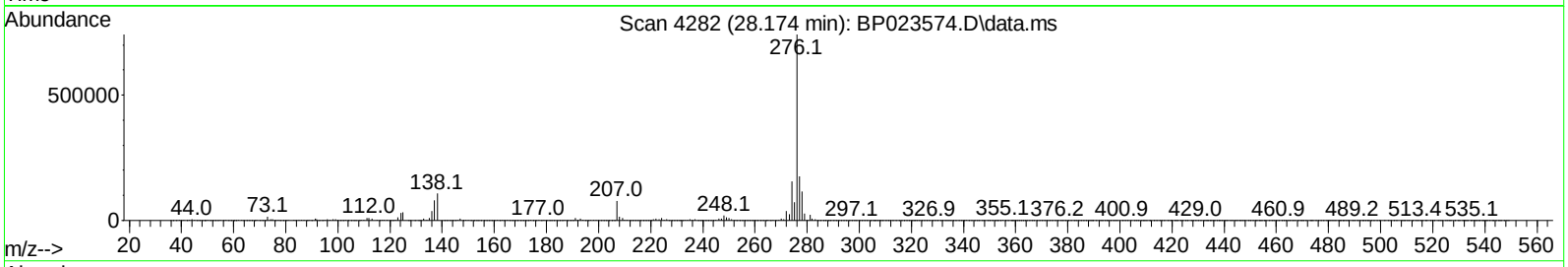
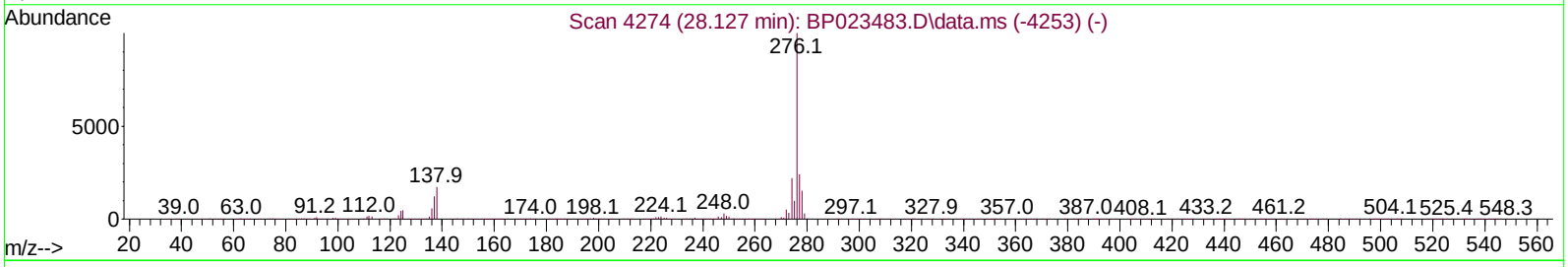
Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BP023574.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.174min (-0.023) 38.96 ng/ul m

response 3733167

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	14.53#
277.00	24.80	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

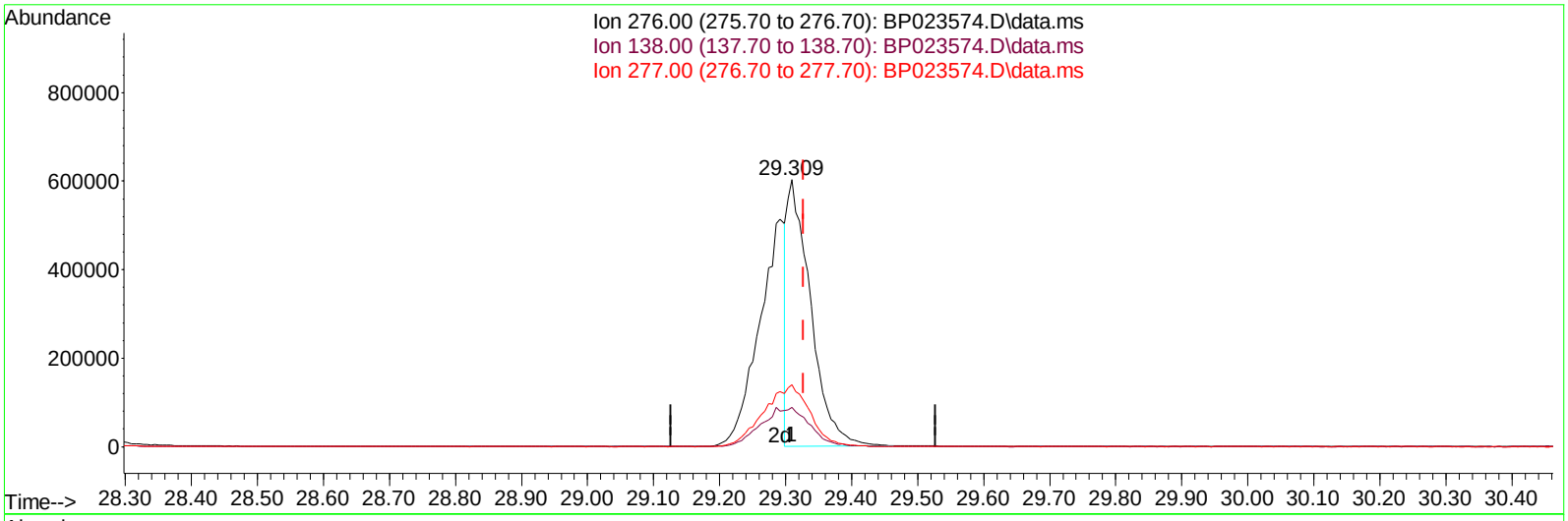
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

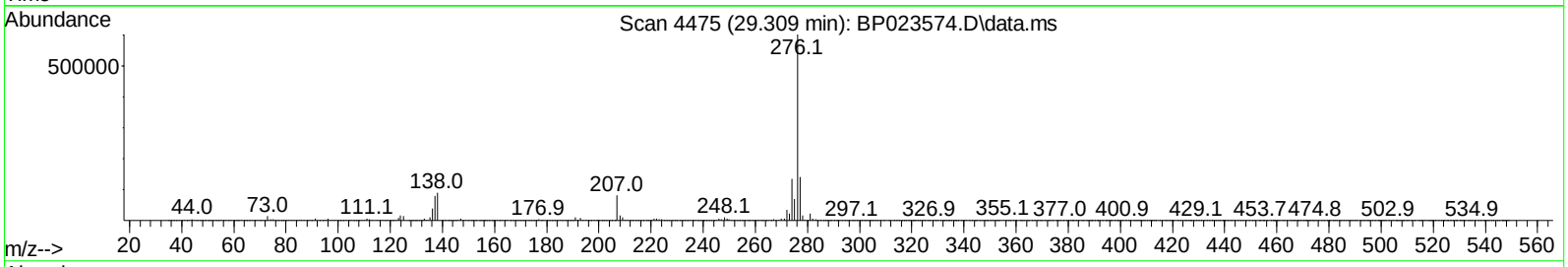
Quant Time: Dec 24 05:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

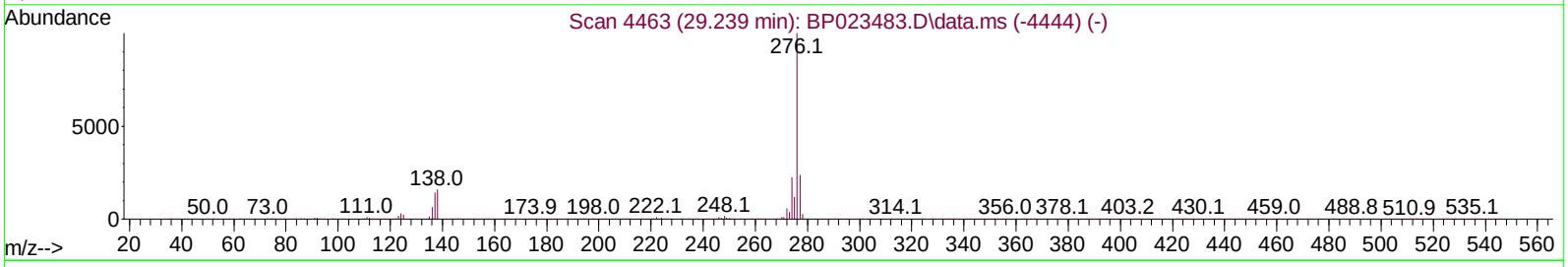
Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BP023574.D\data.ms

(96) Benzo(g,h,i)perylene

29.309min (-0.018) 20.22 ng/ul

response 1483166

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	14.85#
277.00	23.60	23.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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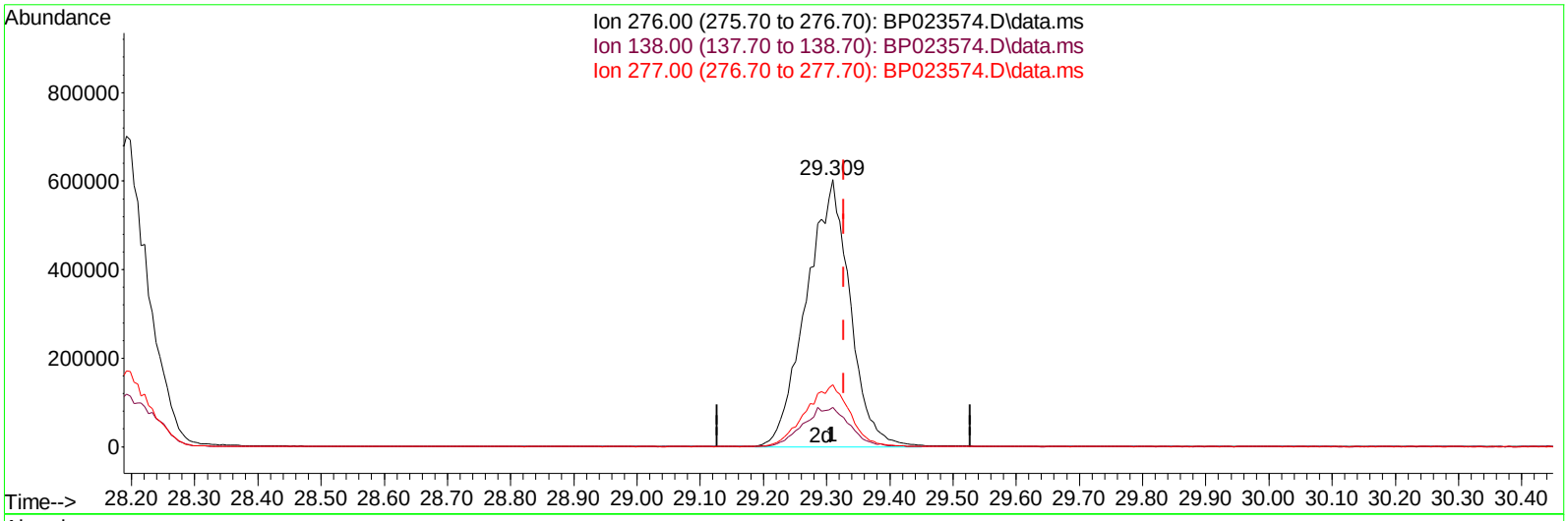

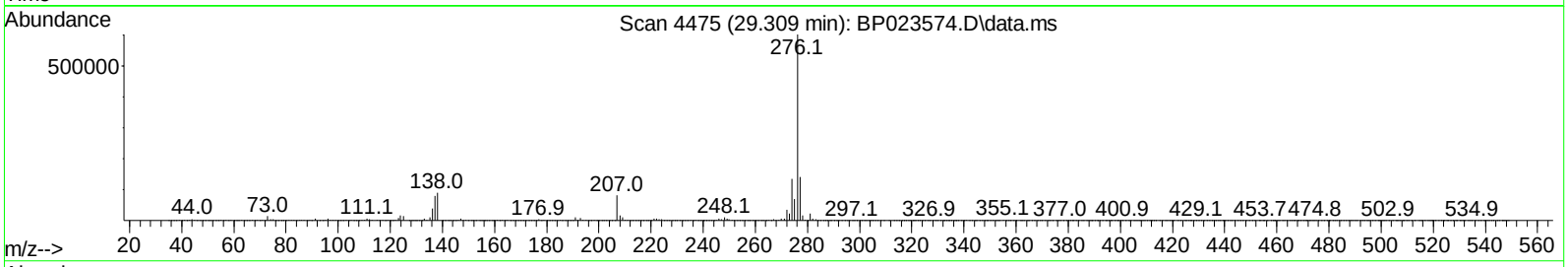

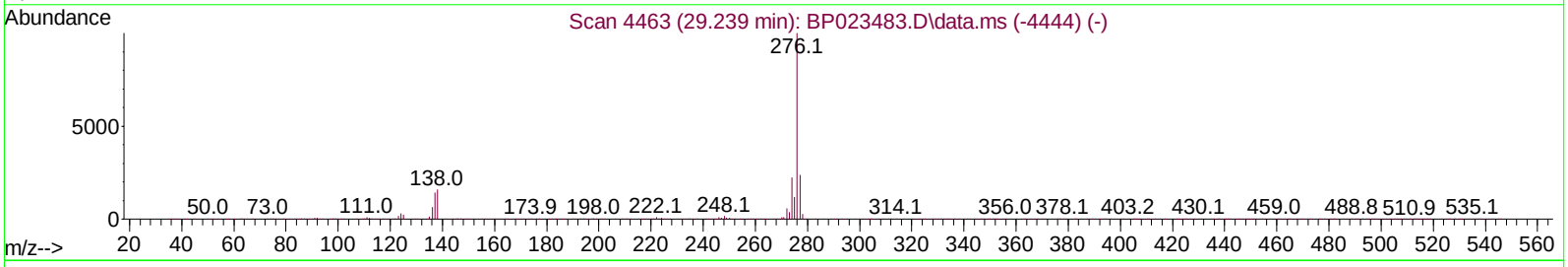

TIC: BP023574.D\data.ms

(96) Benzo(g,h,i)perylene

29.309min (-0.018) 39.38 ng/ul m

response 2889523

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	14.85#
277.00	23.60	23.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	166930	20.000	ng/ul	0.02
20) Naphthalene-d8	10.269	136	622161	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.146	164	442144	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188	980489	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	1183370	20.000	ng/ul	#-0.01
88) Perylene-d12	24.580	264	1308943	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	21406	4.721	ng/uL	0.01
4) Pyridine-d5	3.499	84	301813	25.886	ng/ul	0.01
7) Phenol-d5	6.734	99	408682	31.203	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.869	67	244843	29.629	ng/ul	0.01
11) 2-Chlorophenol-d4	7.069	132	291615	30.166	ng/ul	0.01
15) 4-Methylphenol-d8	8.246	113	302580	28.623	ng/ul	0.01
21) Nitrobenzene-d5	8.669	128	138322	29.773	ng/ul	0.01
24) 2-Nitrophenol-d4	9.381	143	165769	30.959	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.922	165	334248	29.577	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	341611	26.984	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	982237	28.617	ng/ul	0.00
49) Acenaphthylene-d8	13.840	160	1053436	29.097	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	122891m	29.217	ng/ul	-0.04
60) Fluorene-d10	15.157	176	832051	27.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	180410	30.445	ng/ul	-0.01
73) Anthracene-d10	17.063	188	1344015	30.035	ng/ul	0.00
81) Pyrene-d10	19.439	212	1675805	27.105	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.357	264	1854284	26.463	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	71325	14.217	ng/uL	97
5) Pyridine	3.517	79	457611	38.423	ng/ul	88
6) Benzaldehyde	6.699	77	41598	5.555	ng/ul	96
8) Phenol	6.764	94	593273	43.509	ng/ul#	84
10) Bis(2-Chloroethyl)ether	6.958	93	434398	40.358	ng/ul	99
12) 2-Chlorophenol	7.105	128	399437	39.415	ng/ul	97
13) 2-Methylphenol	7.975	108	403565	39.908	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.022	45	509917	38.957	ng/ul	99
16) Acetophenone	8.334	105	639898	35.965	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.316	70	341590	35.235	ng/ul#	92
18) 4-Methylphenol	8.305	108	439805	40.294	ng/ul	96
19) Hexachloroethane	8.563	117	178754	36.227	ng/ul	90
22) Nitrobenzene	8.705	77	521269	36.874	ng/ul	98
23) Isophorone	9.216	82	949995	37.941	ng/ul	98
25) 2-Nitrophenol	9.411	139	229945	40.203	ng/ul#	82
26) 2,4-Dimethylphenol	9.475	107	478470	37.779	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.693	93	573011	40.505	ng/ul	99
29) 2,4-Dichlorophenol	9.952	162	427955	38.210	ng/ul	99
30) Naphthalene	10.316	128	1207419	37.071	ng/ul	99
32) 4-Chloroaniline	10.452	127	302970	24.680	ng/ul	99
33) Hexachlorobutadiene	10.587	225	315602	31.766	ng/ul	98
34) Caprolactam	11.240	113	134265m	41.085	ng/ul	
35) 4-Chloro-3-methylphenol	11.593	107	466151	38.330	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 24 05:13:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	862674	35.717	ng/ul	97
37) 1-Methylnaphthalene	12.152	142	859015	34.901	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	569545	35.299	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	200460	25.858	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	384632	40.282	ng/ul	97
42) 2,4,5-Trichlorophenol	12.663	196	414051	40.586	ng/ul	98
43) 1,1'-Biphenyl	12.957	154	1175798	37.532	ng/ul	99
44) 2-Chloronaphthalene	12.999	162	963202	38.011	ng/ul	97
45) 2-Nitroaniline	13.240	65	306557	41.755	ng/ul	89
47) Dimethylphthalate	13.604	163	1212451	35.860	ng/ul	98
48) 2,6-Dinitrotoluene	13.740	165	261347	40.341	ng/ul	88
50) Acenaphthylene	13.869	152	1418509	38.474	ng/ul	100
51) 3-Nitroaniline	14.081	138	217006	39.966	ng/ul	98
52) Acenaphthene	14.216	153	1016037	37.704	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	168604	40.358	ng/ul	91
55) 4-Nitrophenol	14.440	109	209054	36.893	ng/ul#	75
56) Dibenzofuran	14.557	168	1471974	35.967	ng/ul	96
57) 2,4-Dinitrotoluene	14.563	165	392068	37.556	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.798	232	356147	35.165	ng/ul#	95
59) Diethylphthalate	14.993	149	1199468	35.571	ng/ul	99
61) Fluorene	15.216	166	1197390	35.933	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	637977	33.009	ng/ul	97
63) 4-Nitroaniline	15.281	138	245810	51.471	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.340	198	264508	42.078	ng/ul	98
67) N-Nitrosodiphenylamine	15.440	169	1055611	42.160	ng/ul	100
68) 4-Bromophenyl-phenylether	16.128	248	423791	36.614	ng/ul	100
69) Hexachlorobenzene	16.257	284	480694	33.899	ng/ul	96
70) Atrazine	16.422	200	427634	39.250	ng/ul	99
71) Pentachlorophenol	16.622	266	313007	37.818	ng/ul	95
72) Phenanthrene	17.004	178	2010345	39.660	ng/ul	99
74) Anthracene	17.098	178	1991985	39.301	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	565041	39.979	ng/uL	99
76) Pentachlorobenzene	14.475	250	565182	36.280	ng/uL	99
77) Carbazole	17.398	167	1860882	45.064	ng/ul	99
78) Di-n-butylphthalate	17.957	149	2125219	41.886	ng/ul	99
80) Fluoranthene	19.098	202	2653301	37.452	ng/ul#	96
82) Pyrene	19.475	202	2769985	36.846	ng/ul#	94
83) Butylbenzylphthalate	20.433	149	1063573	40.848	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	867795	31.958	ng/ul#	98
85) Benzo(a)anthracene	21.369	228	2977857	37.526	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1516761	40.565	ng/ul	99
87) Chrysene	21.439	228	2743374	36.075	ng/ul	100
89) Di-n-octyl phthalate	22.498	149	2710589	42.400	ng/ul	100
90) Benzo(b)fluoranthene	23.574	252	3111377	37.833	ng/ul#	98
91) Benzo(k)fluoranthene	23.639	252	3118803	38.115	ng/ul#	99
93) Benzo(a)pyrene	24.427	252	2870089	38.491	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.174	276	3733167m	38.959	ng/ul	
95) Dibenzo(a,h)anthracene	28.221	278	2986212	38.941	ng/ul#	97
96) Benzo(g,h,i)perylene	29.309	276	2889523m	39.385	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

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Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023574.D
Acq On : 23 Dec 2024 22:27
Operator : RC/JU
Sample : P5331-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 24 05:13:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 02:14:57 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E2AQ1MSD

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