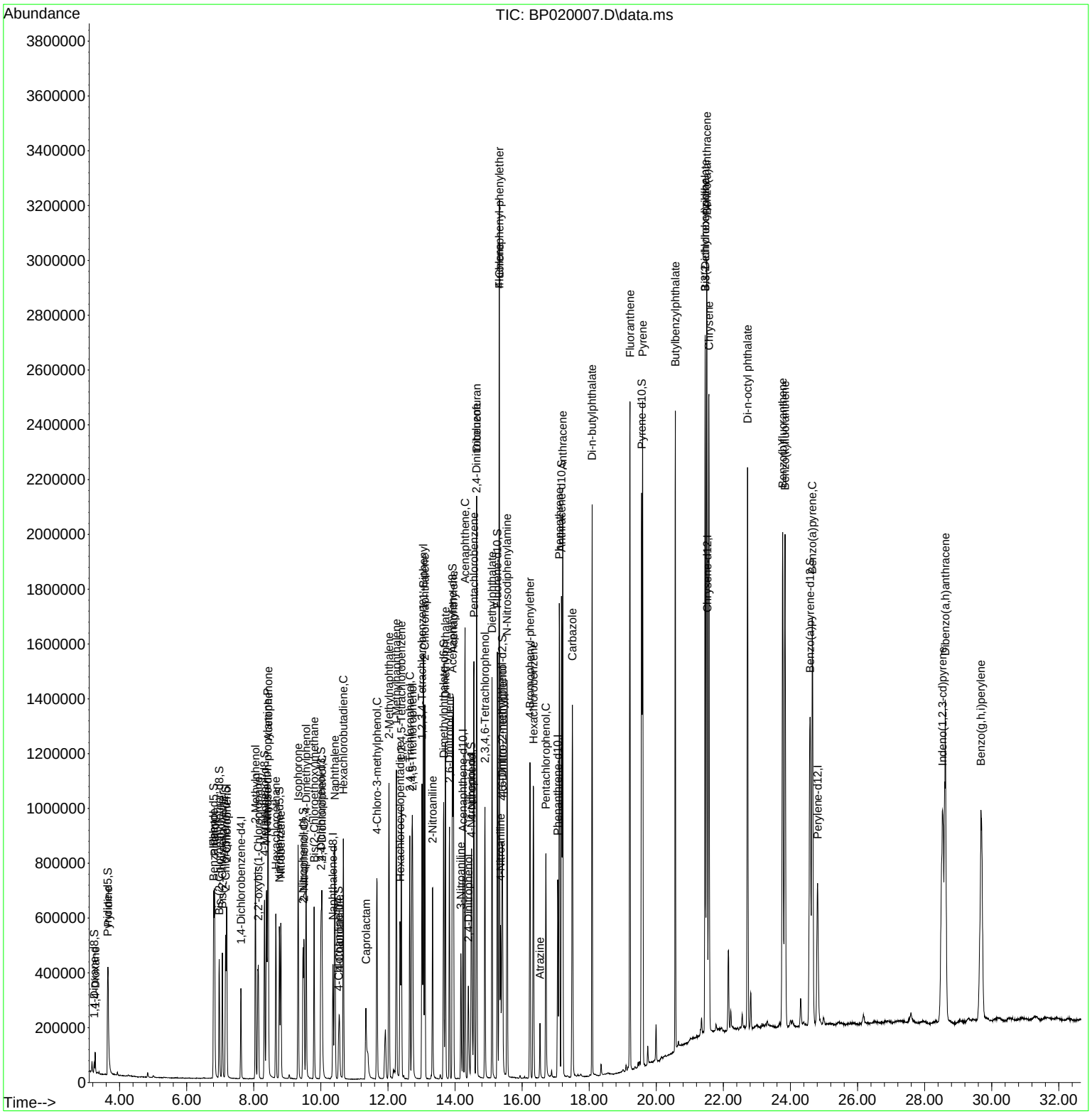
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
Data File : BP020007.D
Acq On : 26 Mar 2024 22:00
Operator : MA/JU
Sample : PB159785BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 26 23:47:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS785

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



Quantitation Report (Qedit)

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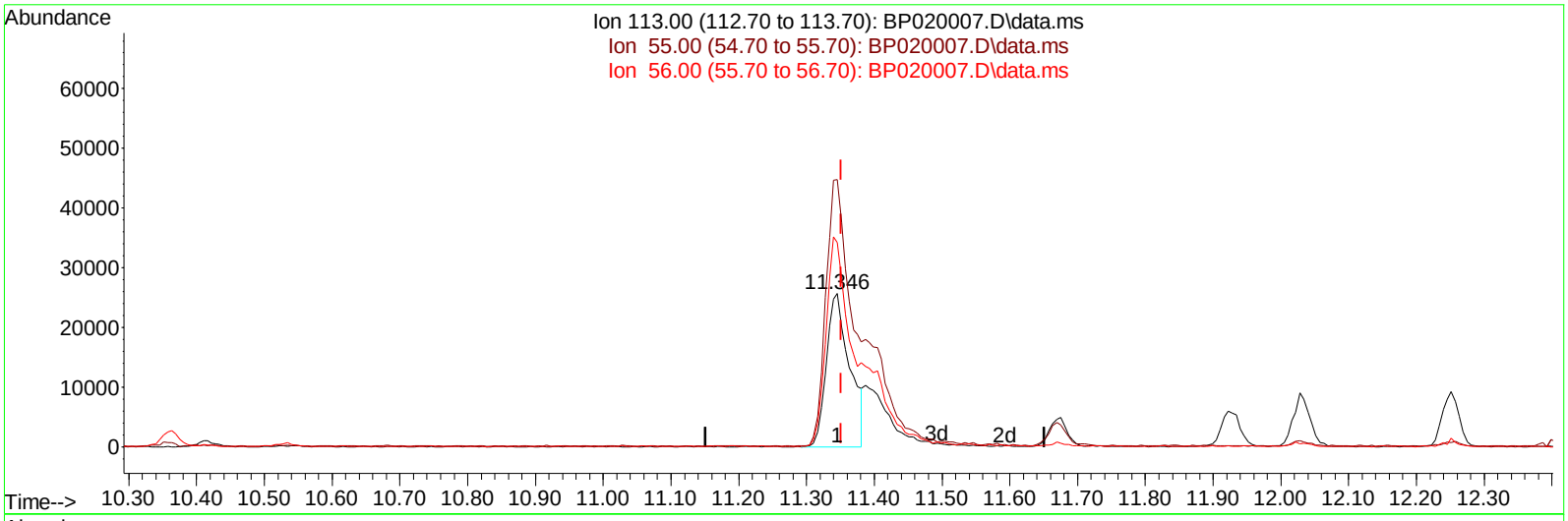

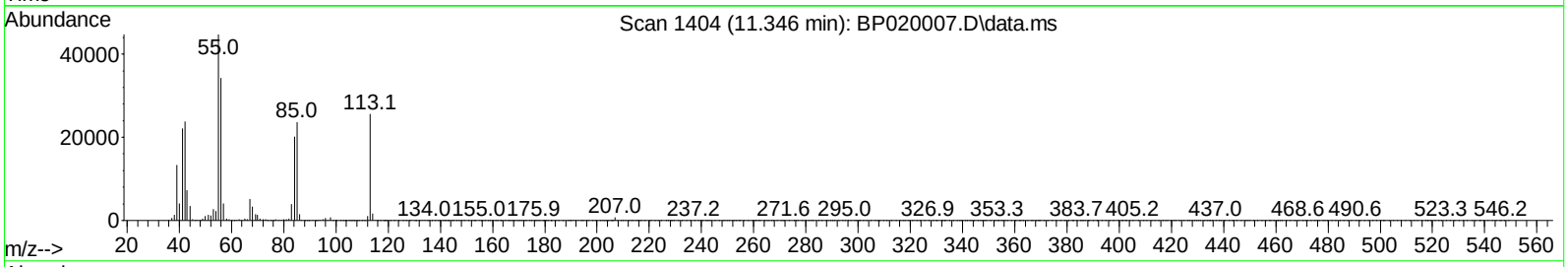

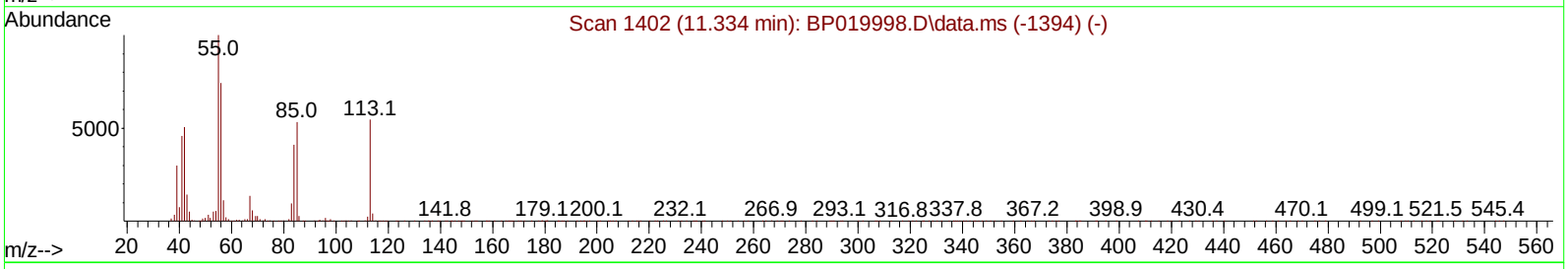

TIC: BP020007.D\data.ms

(34) Caprolactam

11.346min (-0.006) 36.89 ng/ul

response 61240

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	174.47
56.00	143.30	133.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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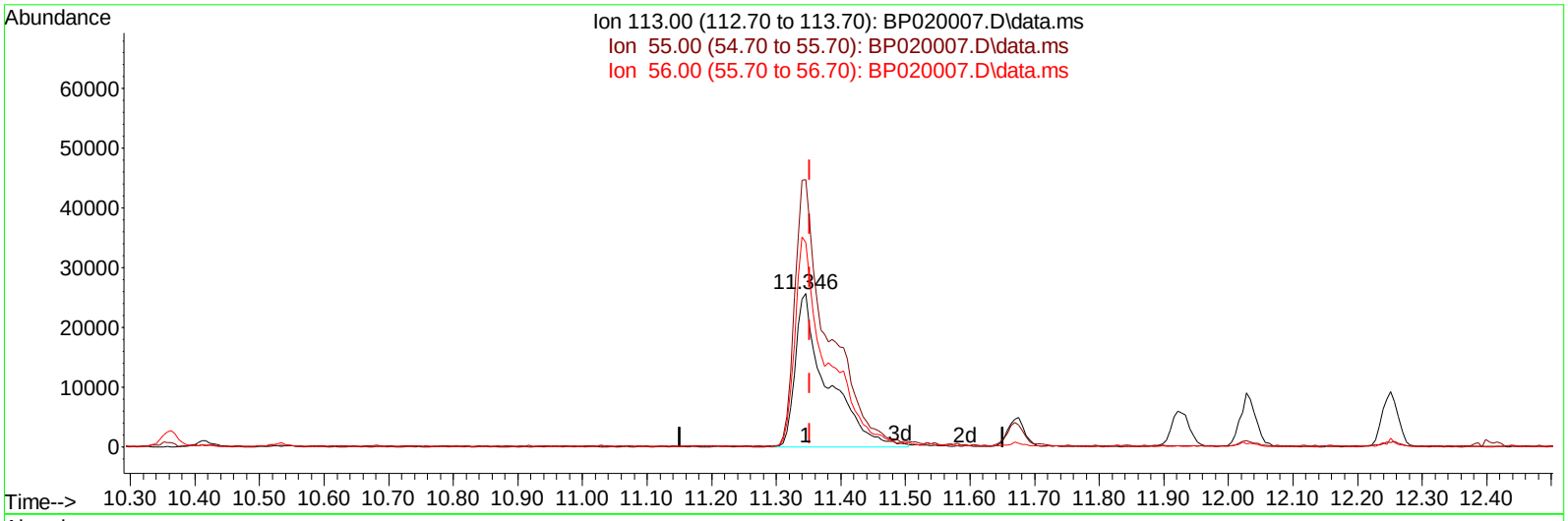

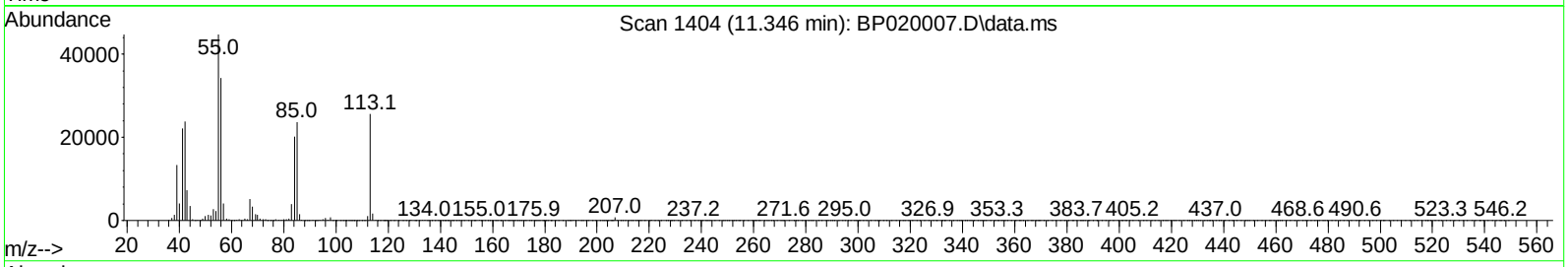

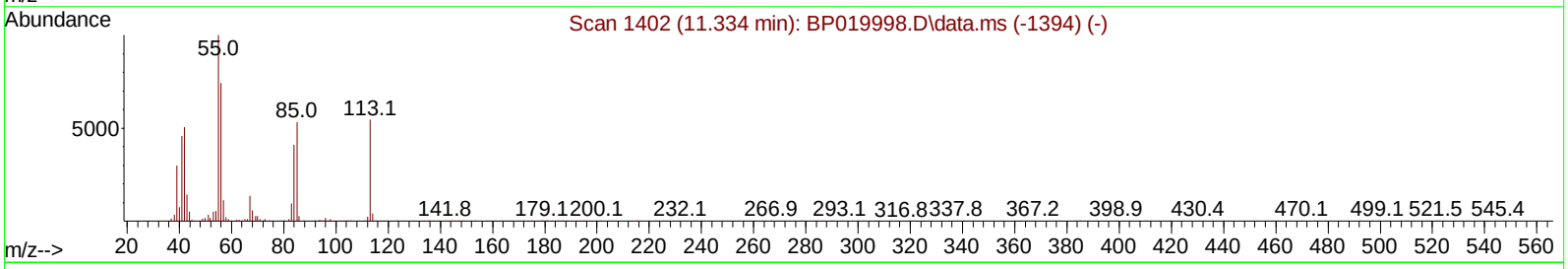

TIC: BP020007.D\data.ms

(34) Caprolactam

11.346min (-0.006) 53.19 ng/ul m

response 88310

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.90	174.47
56.00	143.30	133.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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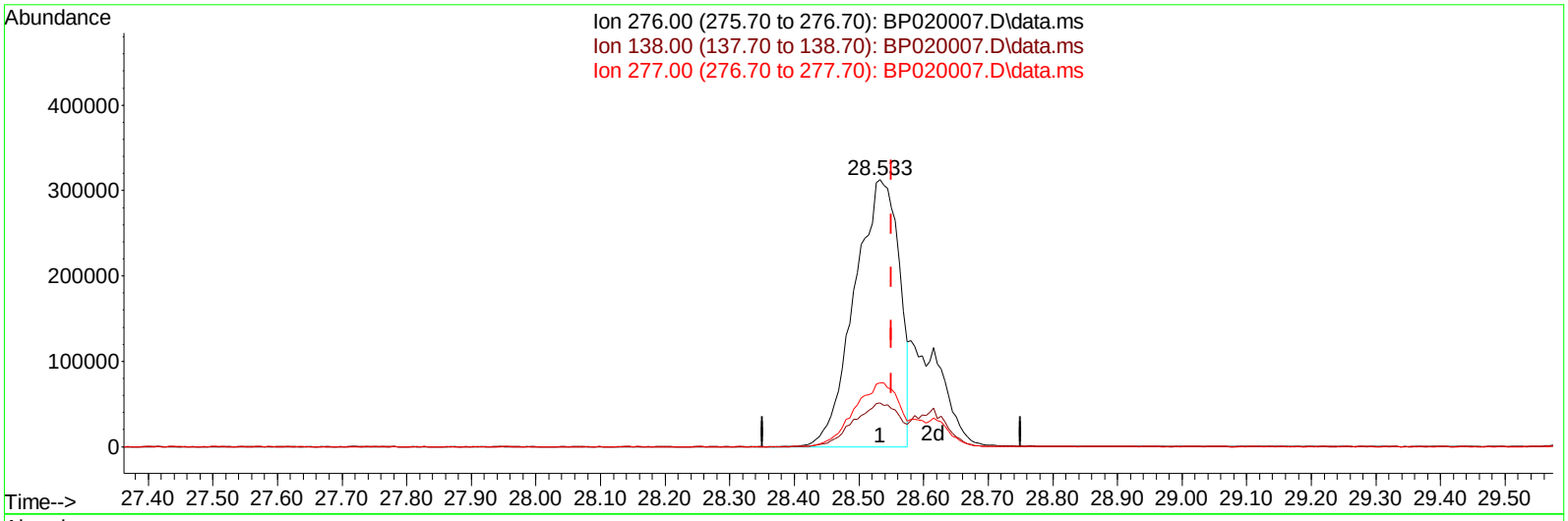

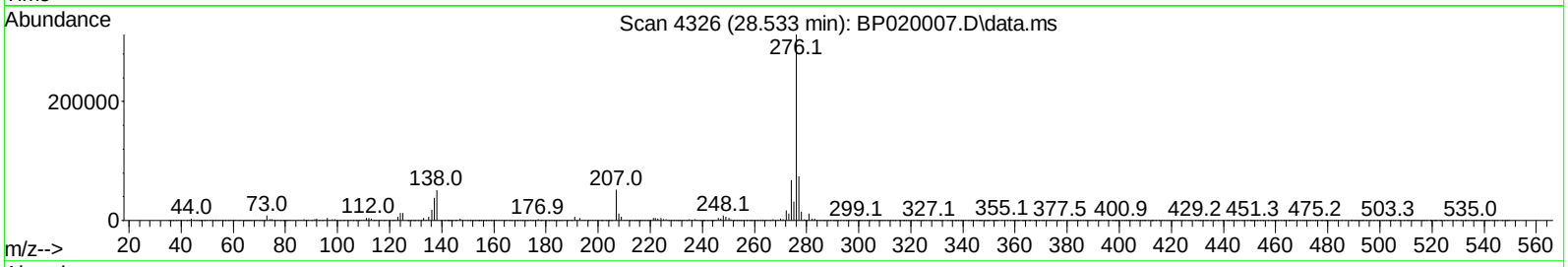

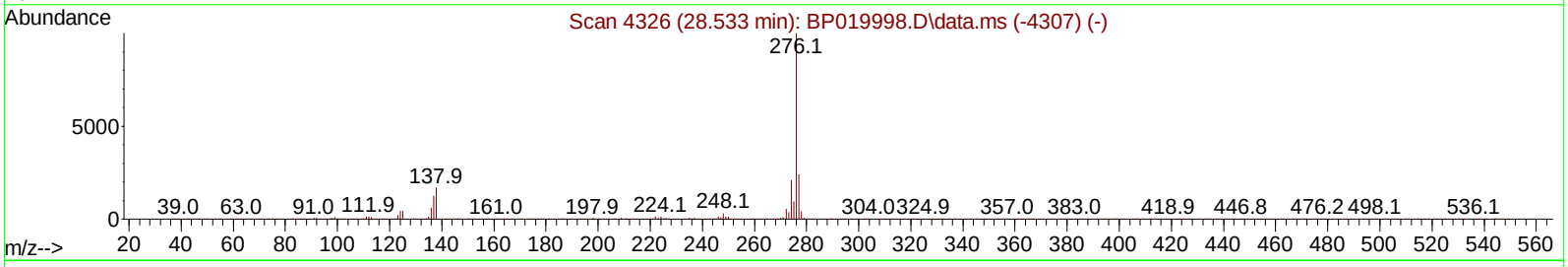

TIC: BP020007.D\data.ms

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

28.533min (-0.018) 36.29 ng/ul

response 1497060

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.37
277.00	24.40	23.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 26 23:29:35 2024
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Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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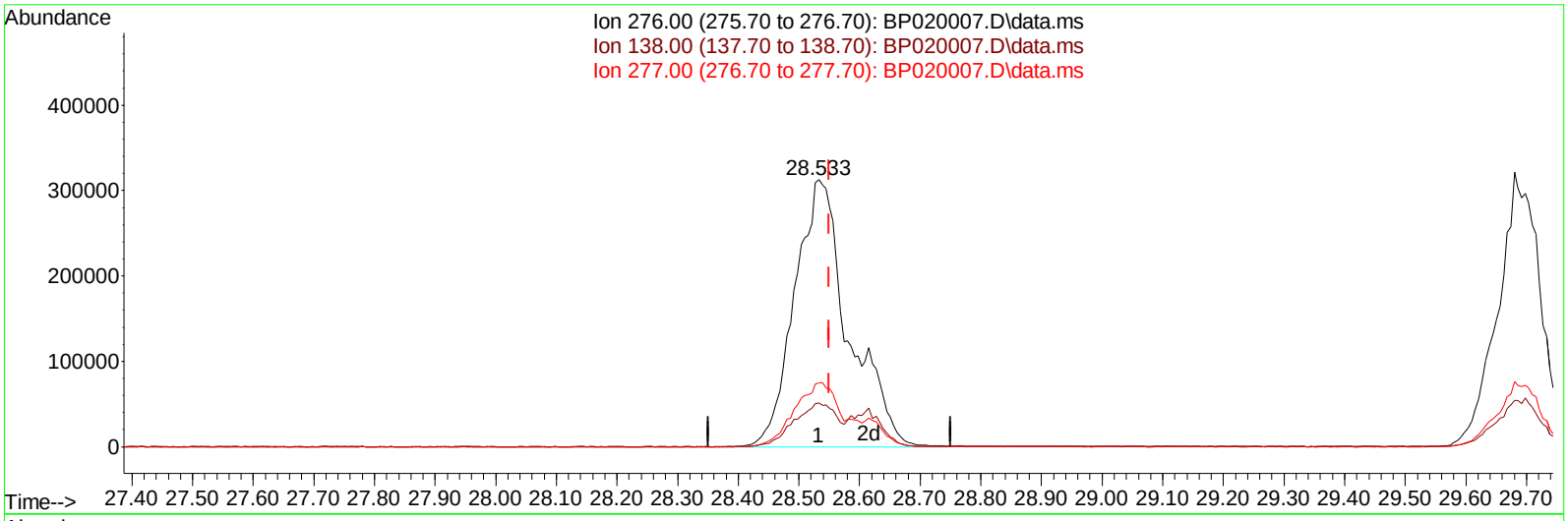

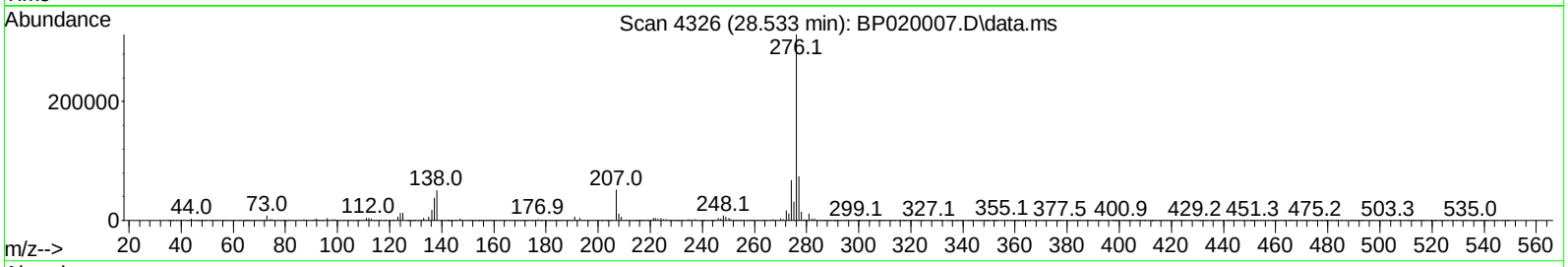

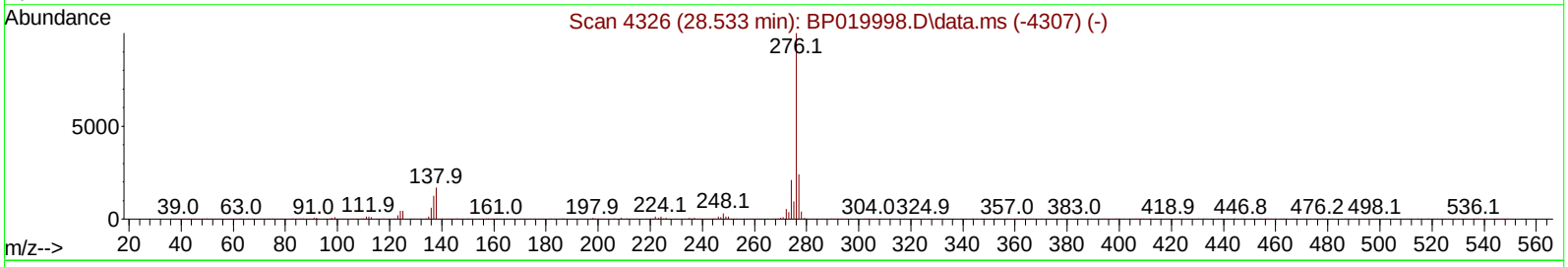

TIC: BP020007.D\data.ms

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

28.533min (-0.018) 46.97 ng/ul m

response 1937754

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	16.37
277.00	24.40	23.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
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Operator : MA/JU
Sample : PB159785BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	85479	20.000	ng/ul	0.00
20) Naphthalene-d8	10.363	136	348609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.240	164	233939	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	518330	20.000	ng/ul	-0.01
79) Chrysene-d12	21.522	240	531627	20.000	ng/ul	-0.02
88) Perylene-d12	24.810	264	577510	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16976	8.702	ng/uL	0.00
4) Pyridine-d5	3.640	84	161448	27.407	ng/ul	0.00
7) Phenol-d5	6.805	99	316752	43.937	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	203591	43.346	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	223002	43.073	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	246391	44.175	ng/ul	0.02
21) Nitrobenzene-d5	8.763	128	113974	42.655	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	129063	43.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	242430	44.402	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	68740	9.658	ng/ul	0.01
46) Dimethylphthalate-d6	13.663	166	738986	45.055	ng/ul	0.01
49) Acenaphthylene-d8	13.922	160	825613	43.090	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.481	143	130356	50.554	ng/ul	0.00
60) Fluorene-d10	15.263	176	624750	44.714	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	141364	45.562	ng/ul	-0.02
73) Anthracene-d10	17.175	188	1012329	44.121	ng/ul	0.00
81) Pyrene-d10	19.563	212	1274246	40.853	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1263899	45.555	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	36888	16.569	ng/uL	95
5) Pyridine	3.658	79	202278	33.687	ng/ul	98
6) Benzaldehyde	6.799	77	57600	16.158	ng/ul	94
8) Phenol	6.834	94	336235	44.610	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.064	93	272408	44.628	ng/ul	99
12) 2-Chlorophenol	7.193	128	243210	44.575	ng/ul	96
13) 2-Methylphenol	8.052	108	247342	45.524	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	380261	45.305	ng/ul	99
16) Acetophenone	8.428	105	407386	45.282	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.411	70	231551	46.145	ng/ul	99
18) 4-Methylphenol	8.381	108	264411	45.214	ng/ul	99
19) Hexachloroethane	8.658	117	112880	44.541	ng/ul	94
22) Nitrobenzene	8.805	77	344849	45.310	ng/ul	99
23) Isophorone	9.322	82	640400	45.140	ng/ul	100
25) 2-Nitrophenol	9.499	139	140596	45.112	ng/ul	95
26) 2,4-Dimethylphenol	9.557	107	296024	43.511	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.799	93	368822	44.459	ng/ul	98
29) 2,4-Dichlorophenol	10.034	162	243786	45.642	ng/ul	99
30) Naphthalene	10.416	128	785714	43.933	ng/ul	99
32) 4-Chloroaniline	10.552	127	109130	15.623	ng/ul	97
33) Hexachlorobutadiene	10.669	225	182653	43.394	ng/ul	98
34) Caprolactam	11.346	113	88310m	53.190	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	293298	49.432	ng/ul	99
36) 2-Methylnaphthalene	12.034	142	543742	45.663	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	533555	44.802	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.399	216	326797	42.252	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	176855	40.408	ng/ul	99
41) 2,4,6-Trichlorophenol	12.651	196	205307	43.208	ng/ul	98
42) 2,4,5-Trichlorophenol	12.734	196	226775	46.144	ng/ul	98
43) 1,1'-Biphenyl	13.057	154	730187	43.100	ng/ul	99
44) 2-Chloronaphthalene	13.099	162	582518	42.637	ng/ul	99
45) 2-Nitroaniline	13.334	65	214955	49.949	ng/ul	99
47) Dimethylphthalate	13.710	163	768729	46.433	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	162638	48.385	ng/ul	98
50) Acenaphthylene	13.951	152	962187	44.905	ng/ul	99
51) 3-Nitroaniline	14.175	138	101852	32.902	ng/ul	90
52) Acenaphthene	14.298	153	626521	44.015	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	94784	49.548	ng/ul	96
55) 4-Nitrophenol	14.498	109	126536	53.474	ng/ul	95
56) Dibenzofuran	14.645	168	877567	45.396	ng/ul	95
57) 2,4-Dinitrotoluene	14.640	165	240174	52.261	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.893	232	196890	46.717	ng/ul	99
59) Diethylphthalate	15.104	149	814788	49.629	ng/ul	98
61) Fluorene	15.322	166	735993	46.680	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	382490	45.291	ng/ul	98
63) 4-Nitroaniline	15.357	138	146518	55.419	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	154294	46.858	ng/ul	92
67) N-Nitrosodiphenylamine	15.551	169	600597	41.949	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	248897	44.245	ng/ul	94
69) Hexachlorobenzene	16.340	284	277505	44.426	ng/ul	99
70) Atrazine	16.534	200	36905	6.728	ng/ul	97
71) Pentachlorophenol	16.710	266	159944	43.680	ng/ul	98
72) Phenanthrene	17.110	178	1232354	45.985	ng/ul	99
74) Anthracene	17.210	178	1244901	45.750	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	331135	39.183	ng/uL	98
76) Pentachlorobenzene	14.563	250	319831	40.866	ng/uL	99
77) Carbazole	17.498	167	1069354	45.958	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1428443	49.167	ng/ul	99
80) Fluoranthene	19.216	202	1502731	41.017	ng/ul	97
82) Pyrene	19.592	202	1597146	41.945	ng/ul	98
83) Butylbenzylphthalate	20.569	149	700096	45.279	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	6632	0.587	ng/ul	93
85) Benzo(a)anthracene	21.504	228	1678762	45.631	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1019856	45.141	ng/ul	99
87) Chrysene	21.569	228	1592043	46.545	ng/ul	99
89) Di-n-octyl phthalate	22.722	149	1817582	49.623	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	1690336	49.923	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1671729	48.585	ng/ul	99
93) Benzo(a)pyrene	24.651	252	1594479	48.684	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.533	276	1937754m	46.975	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	1608273	47.929	ng/ul	98
96) Benzo(g,h,i)perylene	29.680	276	1563043	46.910	ng/ul	97

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